

CA JARS® Resource Accounting

Reports Guide

Release 12.7



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CA Technologies Product References

This document references the following CA products:

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- CA Auditor for z/OS
- CA Common Services for z/OS
- CA MICS® Resource Management
- CA Service Desk
- CA SMF Director®
- CA Top Secret® for z/OS

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Chapter 1: Using the Sample EXTDATA Reports

Hundreds of sample EXTDATA reports are provided with CA JARS Resource Accounting. They are summarized in the order of their numbers in the following table. They are summarized by function in the tables after that. Reports with more than one function are listed in multiple tables.

An example of each report is provided in the rest of this guide, organized into chapters by function. The index at the end of this guide allows you to go directly to the reports for each SMF or EXT record type.

The JCL used to produce the CA Easytrieve reports is located in the CAJRJCL member CAJRRPTZ. CAJRRPTZ uses a CA Easytrieve PROC, CAJREASY, which is located in CAJRPROC.

The JCL used to produce the CA Earl reports is located in the CAJRJCL member CAJRRPT. CAJRRPT uses an Earl PROC, CAJREARL, which is located in CAJRPROC.

Sample CA Earl and CA Easytrieve EXTDATA report control statements are contained in the CAJREARL and CAJREZTR libraries. All sample reports have record selection criteria to ensure that only the EXTDATA records required to produce the report are input into the report program. Some sample reports require additional selection criteria or other user modification to set selection variables to match your requirements. For example, some RMF reports are only valid if one SYSID is input.

If you attempt to run a sample report and receive messages from the report writer indicating that no records were selected, examine the EXTDATA control statement that was used to produce the CA JARS account file. It will show you if you requested the required EXTDATA for the sample report you are attempting to create.

Sample reports that require editing are identified in this guide. For more information on the EXTDATA control statement, see the *User Guide*.

Note: The following table lists the CA Easytrieve member name for each sample report. The sample reports are also provided in CA Earl. To produce a CA Earl report, use the member name ERXTnnnn, instead of EZXTnnnn.

This section contains the following topics:

[Reports in Order by Number](#) (see page 16)

[Reports Organized by Function](#) (see page 28)

Reports in Order by Number

Member Name	Report Name	SMF/EXT Record Type
EZXT0011	Weekday Workload Profile	06, 30-5 S30, SIO, S06
EZXT0016	Weekday Workload Profile by Hour	06, 30-5 S30, SIO, S06
EZXT0017	Remote Input Log	30-5 S30
EZXT0019	Tape Mounts by Job Name	30-5 S30, SIO
EZXT0021	Class/Priority Turnaround Analysis	30-5 S30, SIO
EZXT0022	Job Turnaround Analysis	30-5 S30
EZXT0023	Computer Utilization Log	06, 30-4 S30X, S06
EZXT0034	TSO Session Analysis	30-2/3/5 S30, SIO
EZXT0037	Peak Paging Periods	30-4 S30X
EZXT0040	Requeued Jobs Log	30-5 S30
EZXT0042	Utilization Summary by Job	06, 30-5 S30, SIO, S06
EZXT0043	Utilization Summary by Program	30-4 S30X, SIOX
EZXT0044	Program Paging Profile	30-4 S30X
EZXT0045	Abnormal Terminations by Program Name	30-4 S30X
EZXT0048	Workload Trend Analysis	06, 30-4/5 S30, SIO, S06
EZXT0049	Application Trend Analysis	06, 30-4/5 S30, SIO, S06

Member Name	Report Name	SMF/EXT Record Type
EZXT0050	Printer Device Utilization by Day	06 S06
EZXT0051	Special Forms Utilization	06 S06
EZXT0101	Device Status by Date/Time	8-11 S07-S12
EZXT0102	IPL Information List	00 S00
EZXT0103	DB2 Detail	101 S101
EZXT0104	TSO/E Command Report	32 S32
EZXT0105	Data in Virtual (DIV) Report	41-2 S41
EZXT0106	Extended Sysout	06 S06
EZXT0107	Extended Address Space	30-2/3 S30I
EZXT0108	RJE Report	47-49 SSNA 52-54 SBSC
EZXT0150	CPU Utilization Profile	70 R70C
EZXT0151	System Queue Lengths	70 R70A
EZXT0153	LPAR Cluster Report	70 R70P
EZXT0154	Paging Activity	71 R71P
EZXT0155	Paging Frame Utilization	71 R71P
EZXT0158	Channel Path Statistics	73 R73
EZXT0159	Device Activity Report	74 R74D

Member Name	Report Name	SMF/EXT Record Type
EZXT0160	XCF Activity - Signals Sent/Received	74 R74M
EZXT0161	XCF Activity - System Request Summary	74 R74S
EZXT0162	XCF Path Activity	74 R74P
EZXT0163	Coupling Facility CPU Utilization Percentage	74 R74F
EZXT0164	Coupling Facility Request Summary	74 R74L
EZXT0165	Coupling Facility Storage Summary	74 R74C
EZXT0166	Coupling Facility Structure Performance	74 R74X
EZXT0167	Page Data Set Activity Analysis	75 R75
EZXT0168	Exclusive Enqueue Contention Report	77 R77
EZXT0201	CPU Wait Time Profile	70 R70C
EZXT0202	Batch Address Space Usage	70 R70A
EZXT0203	TSO/E Address Space Usage	70 R70A
EZXT0204	STC Address Space Usage	70 R70A
EZXT0205	Ready Address Space Usage	70 R70A
EZXT0206	In Address Space Usage	70 R70A
EZXT0207	Out Address Space Usage	70 R70A
EZXT0208	Wait Address Space Usage	70 R70A
EZXT0209	Logical Ready Address Space Usage	70 R70A

Member Name	Report Name	SMF/EXT Record Type
EZXT0210	Logical Wait Address Space Usage	70 R70A
EZXT0211	ASCH Address Space Usage	70 R70A
EZXT0212	UNIX System Services Address Space Usage	70 R70A
EZXT0213	PR/SM Partition and LPAR Usage	70 R70P
EZXT0214	Paging Statistics	71 R71P
EZXT0215	Swap Activity by Reason	71 R71S
EZXT0216	Channel Path Stats	73 R73
EZXT0217	Page/Swap Data Activity	75 R75
EZXT0218	Enq Stats	77 R77
EZXT0219	Storage Class I/O Summary	42 S42S
EZXT0220	Dataset Response Report	42-6 S42D
EZXT0223	VLF Statistics	41-3 S41V
EZXT0224	ACF/VTAM Statistics	50 S50
EZXT0225	Volume Space Stats	19 S19
EZXT0226	Disk Device Statistics	74 R74D
EZXT0227	Job Measured Usage	30 U30
EZXT0228	System Measured Usage	89 R89
EZXT0229	XCF Message Traffic	74-2 R74S

Member Name	Report Name	SMF/EXT Record Type
EZXT0230	XCF Path Message Traffic	74-2 R74P
EZXT0231	XCF Path Message Traffic	74-2 R74M
EZXT0232	Coupling CPU Usage	74-2 R74F
EZXT0233	Local Coupling Facility Stats	74-4 R74L
EZXT0234	Local Coupling Facility Storage Stats	74-4 R74C
EZXT0235	Coupling Facility Structure Stats	74-4 R74X
EZXT0236	Workload Class Stats	72-4 R72C
EZXT0238	FTP Stats	118 SFTP
EZXT0239	Telnet Stats	118 STEL
EZXT0240	API Socket Stats	118 SAPI
EZXT0241	UNIX System Services Job Usage	30 O30
EZXT0243	Storage Class BMF Stats	42-1 S42B
EZXT0244	Summary of Sysout Transmissions by Node	57 S572
EZXT0245	Control Unit Cache Stats	42-2 S42C
EZXT0246	Dataset I/O Statistics	42-6 S42D, S42I
EZXT0247	MQSeries Detail Log Manager Statistics	115-1 SMQL
EZXT0248	MQSeries Summary Log Manager Statistics	115-1 SMQL
EZXT0249	MQSeries Detail Data Manager Statistics	115-2 SMQD

Member Name	Report Name	SMF/EXT Record Type
EZXT0250	MQSeries Summary Data Manager Statistics	115-2 SMQD
EZXT0251	MQSeries Detail Message Manager Statistics	115-2 SMQM
EZXT0252	MQSeries Summary Message Manager Statistics	115-2 SMQM
EZXT0253	MQSeries Buffer Manager Statistics	115-2 SMQB
EZXT0254	MQSeries Buffer Manager Statistics	115-2 SMQB
EZXT0255	MQSeries Accounting Data	116 SMQA
EZXT0256	Cache Subsystem Status	74-5 R74B
EZXT0257	Cache Subsystem Activity	74-5 R74A
EZXT0270	MQSeries Coupling Facility Usage Stats	115-2 SMQC
EZXT0271	MQSeries DB2 Statistics	115-2 SMQ2
EZXT0272	MQSeries DB2 Thread and Server Stats	115-2 SMQ2
EZXT0273	MQSeries Type Work Summary (count)	116-2, -3 SMQR
EZXT0274	MQSeries Type Work Summary (percent)	116-2, -3 SMQR
EZXT0275	MQSeries CICS Task Accounting	116-2, -3 SMQR
EZXT0276	MQSeries CICS Queue Statistics	116-2, -3 SMQQ
EZXT0298	CICS Web Support Log	110 CMCC
EZXT0299	CICS Daily Log	110 CMCC
EZXT0300	WebSphere Configuration Report	103 SWCF

Member Name	Report Name	SMF/EXT Record Type
EZXT0301	WebSphere Performance Detail Report	103 SWPF
EZXT0303	WebSphere Server Event Detail Report	103 SWSA
EZXT0304	WebSphere Server Event Summary Report	103 SWSA
EZXT0305	WebSphere Container Interval Detail Report	120 SWJI
EZXT0306	WebSphere Container Interval Summary Report	120 SWJI
EZXT0307	WebSphere Server Interval Detail Report	120 SWSI
EZXT0308	WebSphere Server Interval Summary Report	120 SWSI
EZXT0309	WebSphere Container Interval Detail Report	120 SWCI
EZXT0310	WebSphere J2EE Container Activity	120 SWJA
EZXT0311	WebSphere J2EE Container Activity Summary	120 SWJA
EZXT0312	Address Space zIIP CPU Activity	30-4 S30X
EZXT0313	Address Space zAAP CPU Activity	30-4 S30X
EZXT0314	Tape Library Volume Pool - Hourly Poolset Statistics	94-2 VTS2
EZXT0315	Tape Library Volume Pool - Hourly Active Data	94-2 VTS2
EZXT0316	Virtual Tape Server Stats Detail	94-1 VTS1
EZXT0317	Virtual Tape Server Stats Summary	94-1 VTS1
EZXT0318	Tape Library Volume Pool - Hourly Volume Pool Media Statistics	94-2 VTS2
EZXT0320	TCP/IP Connection Termination	119-2 STCT

Member Name	Report Name	SMF/EXT Record Type
EZXT0321	FTP Client Transfer Completion	119-3 SCTC
EZXT0322	TCP/IP Stack Start Stop Information	119-8 SSTP
EZXT0323	TCP/IP UDP Socket Information	119-10 SUDP
EZXT0324	TN3270 Server SNA Session Termination	119-21 SSST
EZXT0325	TSO Telnet Client Termination	119-23 STCC
EZXT0326	FTP Server Transfer Completion	119-70 SFST
EZXT0327	Crypto Accelerator Stats	70-2 R70Y
EZXT0328	Crypto Coprocessor Stats	70-2 R70Z
EZXT0329	State Data From MVS Register Service	89-2 R89S
EZXT0330	Dependent Enclave CPU Usage	30-x S30 S30I S30X
EZXT0331	DB2 Report Microsecond Times	101 S101
EZXT0332	DB2 Processing Exception Report	101 S101
EZXT0333	DB2 Concurrent Sessions	101 S101
EZXT0334	CICS RMI Support Log	110 CMCC
EZXT0335	MQSeries DB2 Statistics BLOB READ Times	101 SMQ2
EZXT0336	MQSeries Queue Accounting Statistics	101 SMQ2
EZXT0337	CPU Activity Report	70-1 70C, R70P
EZXT0338	CPU Activity Daily Report	70-1 70C, R70P

Member Name	Report Name	SMF/EXT Record Type
EZXT0339	ESS Extent Pool Statistics	74-8 RSSX
EZXT0340	ESS Link Statistics	74-8 RSSL
EZXT0341	ESS Rank Statistics	74-8 RSSR
EZXT0342	IP Printway Usage Report	6 & 9 S06
EZXT0343	CICS Response Apdex Index	110 CMCC
EZXT0344	CICS Concurrent Transactions	110 CMCC
EZXT0345	Blocked Workload Analysis	70-1 R70A
EZXT0346	Partition Data Report (see note below)	70-1 R70P
EZXT0347	I/O Queuing - I/O Processors (see note below)	78-3 R78A
EZXT0348	I/O Queuing - Logical Control Units (see note below)	78-3 R78B
EZXT0349	I/O Queuing - Channel Paths (see note below)	78-3 R78C
EZXT0350	Virtual Tape Server - Hourly Active Data	94-1 VTS1
EZXT0351	Virtual Tape Server - Hourly Capacity Data	94-1 VTS1
EZXT0352	Virtual Tape Server - TVC Activity Report	94-1 VTS1
EZXT0353	Virtual Tape Server - TVC Activity Summary Report	94-1 VTS1
EZXT0354	I/O Queuing - DCM Channels Summary Report (see note below)	78-3 R78B
EZXT0360	WLM Goal Mode Report - Transactions (see note below)	72-3 R72W
EZXT0361	WLM Goal Mode Report - Transaction Times (see note below)	72-3 R72W

Member Name	Report Name	SMF/EXT Record Type
EZXT0362	WLM Goal Mode Report - DASD I/O (see note below)	72-3 R72W
EZXT0363	WLM Goal Mode Report - Service Units Consumed (see note below)	72-3 R72W
EZXT0364	WLM Goal Mode Report - Service Times (see note below)	72-3 R72W
EZXT0365	WLM Goal Mode Report - Storage and Page-in Rates (see note below)	72-3 R72W
EZXT0366	WLM Goal Mode Report - Performance Analysis by Workload (see note below)	72-3 R72W
EZXT0367	WLM Goal Mode Report - Execution Delays (see note below)	72-3 R72W
EZXT0368	WLM Goal Mode Report - Response Time Distribution (see note below)	72-3 R72W
EZXT0369	WLM Goal Mode Report - Performance Analysis by SID (see note below)	72-3 R72W
EZXT0380	System Logger Activity Report by System ID	88-1 LOGA
EZXT0381	System Logger Activity Report by Logstream Name	88-1 LOGA
EZXT0382	System Logger Events Report	88-1 LOGA
EZXT0383	System Logger Interim Storage Report	88-1 LOGA
EZXT0384	System Logger Structure Alter Report	88-11 LOGB
EZXT0385	System Logger Activity Report by Structure Name	88-1 LOGA
EZXT0400	DB2 SQL Statement Counters (Number One)	101 S101
EZXT0401	DB2 SQL Statement Counters Summary (Number One)	101 S101
EZXT0402	DB2 SQL Statement Counters (Number Two)	101 S101
EZXT0403	DB2 SQL Statement Counters Summary (Number Two)	101 S101

Member Name	Report Name	SMF/EXT Record Type
EZXT0404	DB2 SQL Statement Counters (Number Three)	101 S101
EZXT0405	DB2 SQL Statement Counters Summary (Number Three)	101 S101
EZXT0406	DB2 SQL Statement Counters (Number Four)	101 S101
EZXT0407	DB2 SQL Statement Counters Summary (Number Four)	101 S101
EZXT0408	DB2 SQL Statement Counters (Number Five)	101 S101
EZXT0409	DB2 SQL Statement Counters Summary (Number Five)	101 S101
EZXT0410	DB2 SQL Statement Counters (Number Six)	101 S101
EZXT0411	DB2 SQL Statement Counters Summary (Number Six)	101 S101
EZXT0412	DB2 Log and Savepoint Data	101 S101
EZXT0413	DB2 Log and Savepoint Data Summary	101 S101
EZXT0414	DB2 User Defined Functions Data	101 S101
EZXT0415	DB2 User Defined Functions Data Summary	101 S101
EZXT0416	DB2 Global Wait Times	101 S101
EZXT0417	DB2 Global Wait Times Summary	101 S101
EZXT0418	DB2 Global Wait Counts	101 S101
EZXT0419	DB2 Global Wait Counts Summary	101 S101
EZXT0420	DB2 zIIP Times	101 S101
EZXT0421	DB2 zIIP Times Summary	101 S101

Member Name	Report Name	SMF/EXT Record Type
EZXT0500	WebContainer Servlet Response Time Detail	120-7 SWWA
EZXT0501	WebContainer Servlet Interval Report	120-8 SWWI
EZXTA001	ADABAS Activity Summary	SIEA
EZXTD001	CA Datacom Activity Summary	SIED
EZXTI001	Transaction Performance Analysis	IMS log records
EZXTN001	NetView Session Detail	39, SIEN
EZXTR001	CA Roscoe Session Analysis	SIER
EZXTT001	Tape Inventory Snapshot	SJET
EZXTX001	VM Transmission Report	SIEX
EZXTZ001	VM Resource Utilization	zVM accounting records 1, 2, 3 SIEZ
EZXTZ002	Session Detail Stats	zVM accounting record 1 SIEZ
EZXTZ004	VM Special Processor Use	zVM accounting record 1 SIEZ

Note: These reports compute the total time covered using the minimum and maximum time from all available intervals. Therefore, in order for these reports to give meaningful results, the time range covered by the data must be the same for all the SIDs or sysplexes in the data, and it must not contain any missing intervals.

Reports Organized by Function

Accounting and Administration Reports

Use these reports to expand your use of CA JARS for accounting and chargeback.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0103	DB2 Detail	101 S101
EZXT0104	TSO/E Command Report	32 S32
EZXT0225	Volume Space Stats	19 S19
EZXT0227	Job Measured Usage	30 U30
EZXT0228	System Measured Usage	89 R89
EZXT0255	MQSeries Accounting Data	116 SMQA
EZXT0300	WebSphere Configuration Report	103 SWCF
EZXT0312	Address Space zIIP CPU Activity	30-4 S30X
EZXT0313	Address Space zAAP CPU Activity	30-4 S30X
EZXT0316	Virtual Tape Server Stats Detail	94-1 VTS1
EZXT0317	Virtual Tape Server Stats Summary	94-1 VTS1
EZXT0320	TCP/IP Connection Termination	119-2 STCT
EZXT0321	FTP Client Transfer Completion	119-3 SCTC
EZXT0324	TN3270 Server SNA Session Termination	119-21 SSST

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0325	TSO Telnet Client Termination	119-23 STCC
EZXT0326	FTP Server Transfer Completion	119-70 SFST
EZXT0329	State Data From MVS Register Service	89-2 R89S
EZXT0330	Dependent Enclave CPU Usage	30-x S30 S30I S30X
EZXT0334	CICS RMI Support Log	110 CMCC
EZXTI001	Transaction Performance Analysis Performance Analysis	IMS Log Records
EZXTR001	CA Roscoe Session Analysis	SIER
EZXTT001	Tape Inventory Snapshot	SIET

Apdex Reports

Use these reports to take advantage of Apdex, a numerical measure of user satisfaction with the performance of enterprise applications that reflects the effectiveness of IT investment. The Apdex methodology is an emerging industry standard because the measure is both and understandable, making it an ideal vehicle for management presentation. (See <http://www.apdex.org> for a detailed Apdex specification.)

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0317	Virtual Tape Server Stats Summary	94-1 VTS1
EZXT0343	CICS Response Apdex Index	110 CMCC

Bottleneck Analysis and Debugging Reports

Use these reports to diagnose production slowdowns and find system problems.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0040	Requeued Jobs Log	30-5 S30
EZXT0102	IPL Information List	00 S00
EZXT0218	Enq Stats	77 R77

CICS Reports

These reports are either generated from CICS SMF records or come from components that interact with CICS.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0273	MQSeries Type Work Summary (count)	116-2, -3 SMQR
EZXT0274	MQSeries Type Work Summary (percent)	116-2, -3 SMQR
EZXT0275	MQSeries CICS Task Accounting	116-2, -3 SMQR
EZXT0276	MQSeries CICS Queue Statistics	116-2, -3 SMQQ
EZXT0298	CICS Web Support Log	110 CMCC
EZXT0299	CICS Daily Log	110 CMCC
EZXT0334	CICS RMI Support Log	110 CMCC
EZXT0343	CICS Response Apdex Index	110 CMCC

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0344	CICS Concurrent Transactions	110 CMCC

Configuration Reports

Use these reports to understand capacity on demand and special software configurations.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0101	Device Status by Date/Time	8-11 S07-S12
EZXT0213	PR/SM Partition and LPAR Usage	70 R70P
EZXT0300	WebSphere Configuration Report	103 SWCF
EZXT0322	TCP/IP Stack Start Stop Information	119-8 SSTP
EZXT0323	TCP/IP UDP Socket Information	119-10 SUDP
EZXT0329	State Data From MVS Register Service	89-2 R89S
EZXT0380	System Logger Activity Report by System ID	88-1 LOGA
EZXTT001	Tape Inventory Snapshot	SIET

Coupling Facility Reports

Use these reports to understand what is going on in the entire complex.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0160	XCF Activity - Signals Sent/Received	74 R74M
EZXT0161	XCF Activity - System Request Summary	74 R74S
EZXT0162	XCF Path Activity	74 R74P
EZXT0163	Coupling Facility CPU Utilization Percentage	74 R74F
EZXT0164	Coupling Facility Request Summary	74 R74L
EZXT0165	Coupling Facility Storage Summary	74 R74C
EZXT0166	Coupling Facility Structure Performance	74 R74X
EZXT0229	XCF Message Traffic	74-2 R74S
EZXT0230	XCF Path Message Traffic	74-2 R74P
EZXT0231	XCF Path Message Traffic	74-2 R74M
EZXT0232	Coupling CPU Usage	74-2 R74F
EZXT0233	Local Coupling Facility Stats	74-4 R74L
EZXT0234	Local Coupling Facility Storage Stats	74-4 R74C
EZXT0235	Coupling Facility Structure Stats	74-4 R74X
EZXT0270	MQSeries Coupling Facility Usage Stats	115-2 SMQC

CPU Use Reports

Use these reports to understand CPU use from every viewpoint.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0150	CPU Utilization Profile	70 R70C
EZXT0163	Coupling Facility CPU Utilization Percentage	74 R74F
EZXT0201	CPU Wait Time Profile	70 R70C
EZXT0202	Batch Address Space Usage	70 R70A
EZXT0203	TSO/E Address Space Usage	70 R70A
EZXT0204	STC Address Space Usage	70 R70A
EZXT0205	Ready Address Space Usage	70 R70A
EZXT0206	In Address Space Usage	70 R70A
EZXT0207	Out Address Space Usage	70 R70A
EZXT0208	Wait Address Space Usage	70 R70A
EZXT0209	Logical Ready Address Space Usage	70 R70A
EZXT0210	Logical Wait Address Space Usage	70 R70A
EZXT0211	ASCH Address Space Usage	70 R70A
EZXT0212	UNIX System Services Address Space Usage	70 R70A
EZXT0213	PR/SM Partition and LPAR Usage	70 R70P

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0227	Job Measured Usage	30 U30
EZXT0228	System Measured Usage	89 R89
EZXT0232	Coupling CPU Usage	74-2 R74F
EZXT0327	Crypto Accelerator Stats	70-2 R70Y
EZXT0328	Crypto Coprocessor Stats	70-2 R70Z
EZXT0330	Dependent Enclave CPU Usage	30-x S30 S30I S30X
EZXT0331	DB2 Report Microsecond Times	101 S101
EZXT0332	DB2 Processing Exception Report	101 S101
EZXT0337	CPU Activity	70-1 70C, R70P
EZXT0338	CPU Activity Daily	70-1 70C, R70P
EZXT0346	Partition Data Report	70-1 R70P
EZXTA001	ADABAS Activity Summary	SIEA

CPU System Reports

Use these reports to describe system overhead, usually measured as SRB time in z/OS.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0204	STC Address Space Usage	70 R70A
EZXT0241	UNIX System Services Job Usage	30 O30

Crypto Reports

Use these reports for information on the use of the Crypto accelerator.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0327	Crypto Accelerator Stats	70-2 R70Y
EZXT0328	Crypto Coprocessor Stats	70-2 R70Z

DASD Reports

Use these reports for information on direct-access (disk) storage from RMF, SMS, and application viewpoints.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0225	Volume Space Stats	19 S19
EZXT0226	Disk Device Statistics	74 R74D
EZXT0245	Control Unit Cache Stats	42-2 S42C
EZXT0246	Dataset I/O Statistics	42-6 S42D, S42I
EZXT0253	MQSeries Buffer Manager Statistics	115-2 SMQB
EZXT0254	MQSeries Buffer Manager Statistics	115-2 SMQB
EZXT0256	Cache Subsystem Status	74-5 R74B
EZXT0257	Cache Subsystem Activity	74-5 R74A
EZXT0339	ESS Extent Pool Statistics	74-8 RSSX

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0340	ESS Link Statistics	74-8 RSSL
EZXT0341	ESS Rank Statistics	74-8 RSSL

DB2 Reports

These reports are generated from DB2 records or from applications that interact with DB2.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0103	DB2 Detail	101 S101
EZXT0271	MQSeries DB2 Statistics	115-2 SMQ2
EZXT0272	MQSeries DB2 Thread and Server Stats	115-2 SMQ2
EZXT0331	DB2 Report Microsecond Times	101 S101
EZXT0332	DB2 Processing Exception Report	101 S101
EZXT0333	DB2 Concurrent Sessions	101 S101
EZXT0335	MQSeries DB2 Statistics BLOB READ Times	101 SMQ2
EZXT0336	MQSeries Queue Accounting Statistics	101 SMQ2
EZXT0400	DB2 SQL Statement Counters (Number One)	101 S101
EZXT0401	DB2 SQL Statement Counters Summary (Number One)	101 S101
EZXT0402	DB2 SQL Statement Counters (Number Two)	101 S101

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0403	DB2 SQL Statement Counters Summary (Number Two)	101 S101
EZXT0404	DB2 SQL Statement Counters (Number Three)	101 S101
EZXT0405	DB2 SQL Statement Counters Summary (Number Three)	101 S101
EZXT0406	DB2 SQL Statement Counters (Number Four)	101 S101
EZXT0407	DB2 SQL Statement Counters Summary (Number Four)	101 S101
EZXT0408	DB2 SQL Statement Counters (Number Five)	101 S101
EZXT0409	DB2 SQL Statement Counters Summary (Number Five)	101 S101
EZXT0410	DB2 SQL Statement Counters (Number Six)	101 S101
EZXT0411	DB2 SQL Statement Counters Summary (Number Six)	101 S101
EZXT0412	DB2 Log and Savepoint Data	101 S101
EZXT0413	DB2 Log and Savepoint Data Summary	101 S101
EZXT0414	DB2 User Defined Functions Data	101 S101
EZXT0415	DB2 User Defined Functions Data Summary	101 S101
EZXT0416	DB2 Global Wait Times	101 S101
EZXT0417	DB2 Global Wait Times Summary	101 S101
EZXT0418	DB2 Global Wait Counts	101 S101
EZXT0419	DB2 Global Wait Counts Summary	101 S101

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0420	DB2 zIIP Times	101 S101
EZXT0421	DB2 zIIP Times Summary	101 S101

I/O Rate and Device Configuration Reports

These reports provide views of direct-access I/O from RMF and SMS, and from applications. They indicate external device configuration and use.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0158	Channel Path Usage	73 R73
EZXT0159	Device Activity Report	74 R74D
EZXT0160	XCF Activity - Signals Sent/Received	74 R74M
EZXT0161	XCF Activity - System Request Summary	74 R74S
EZXT0162	XCF Path Activity	74 R74P
EZXT0216	Channel Path Stats	73 R73
EZXT0217	Page/Swap Data Activity	75 R75
EZXT0219	Storage Class I/O Summary	42 S42S
EZXT0220	Dataset Response Report	42-6 S42D
EZXT0241	UNIX System Services Job Usage	30 O30
EZXT0243	Storage Class BMF Stats	42-1 S42B

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0256	Cache Subsystem Status	74-5 R74B
EZXT0257	Cache Subsystem Activity	74-5 R74A
EZXT0316	Virtual Tape Server Stats Detail	94-1 VTS1
EZXT0317	Virtual Tape Server Stats Summary	94-1 VTS1
EZXT0339	ESS Extent Pool Statistics	74-8 RSSX
EZXT0340	ESS Link Statistics	74-8 RSSL
EZXT0341	ESS Rank Statistics	74-8 RSSL
EZXTD001	CA Datacom Activity Summary	SIED
EZXTI001	Transaction Performance Analysis	IMS Log Records

IPL Reports

These reports provide IPL records.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0102	IPL Information List	00 S00

J2EE and Container Statistics Reports

These reports provide measurements used in Java applications.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0305	WebSphere Container Interval Detail Report	120 SWJI
EZXT0306	WebSphere Container Interval Summary Report	120 SWJI
EZXT0309	WebSphere Container Interval Detail Report	120 SWCI
EZXT0310	WebSphere J2EE Container Activity	120 SWJA
EZXT0311	WebSphere J2EE Container Activity Summary	120 SWJA
EZXT0500	WebContainer Activity Detail	120-7 SWWA
EZXT0501	WebContainer Servlet Interval Report	120-8 SWWI

JOB Reports

Use these reports for information on completed z/OS batch jobs.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0011	Weekday Workload Profile	06, 30-5 S30, SIO, S06
EZXT0016	Weekday Workload Profile by Hour	06, 30-5 S30, SIO, S06
EZXT0017	Remote Input Log	30-5 S30
EZXT0019	Tape Mounts by Job Name	30-5 S30, SIO

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0021	Class/Priority Turnaround Analysis	30-5 S30, SIO
EZXT0022	Job Turnaround Analysis	30-5 S30
EZXT0040	Requeued Jobs Log	30-5 S30
EZXT0042	Utilization Summary by Job	06, 30-5 S30, SIO, S06

Memory Reports

Use these reports for information on resource usage for real memory, virtual memory, and page and swap data sets.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0037	Peak Paging Periods	30-4 S30X
EZXT0044	Program Paging Profile	30-4 S30X
EZXT0045	Abnormal Termination by Program Name	30-4 S30X
EZXT0105	Data in Virtual (DIV) Report	41-2 S41
EZXT0154	Paging Activity	71 R71P
EZXT0155	Paging Frame Utilization	71 R71P
EZXT0165	Coupling Facility Storage Summary	74 R74C
EZXT0167	Page Data Set Activity Analysis	75 R75
EZXT0214	Paging Statistics	71 R71P

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0215	Swap Activity by Reason	71 R71S
EZXT0234	Local Coupling Facility Storage Stats	74-4 R74C

MQSeries Reports

Use these reports for information on MQSeries records or on components that interact with MQSeries.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0247	MQSeries Detail Log Manager Statistics	115-1 SMQL
EZXT0248	MQSeries Summary Log Manager Statistics	115-1 SMQL
EZXT0249	MQSeries Detail Data Manager Statistics	115-2 SMQD
EZXT0250	MQSeries Summary Data Manager Statistics	115-2 SMQD
EZXT0251	MQSeries Detail Message Manager Statistics	115-2 SMQM
EZXT0252	MQSeries Summary Message Manager Statistics	115-2 SMQM
EZXT0253	MQSeries Buffer Manager Statistics	115-2 SMQB
EZXT0254	MQSeries Buffer Manager Statistics	115-2 SMQB
EZXT0255	MQSeries Accounting Data	116 SMQA
EZXT0270	MQSeries Coupling Facility Usage Stats	115-2 SMQC
EZXT0271	MQSeries DB2 Statistics	115-2 SMQ2

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0272	MQSeries DB2 Thread and Server Stats	115-2 SMQ2
EZXT0273	MQSeries Type Work Summary (count)	116-2, -3 SMQR
EZXT0274	MQSeries Type Work Summary (percent)	116-2, -3 SMQR
EZXT0275	MQSeries CICS Task Accounting	116-2, -3 SMQR
EZXT0276	MQSeries CICS Queue Statistics	116-2, -3 SMQQ
EZXT0335	MQSeries DB2 Statistics BLOB READ Times	101 SMQ2
EZXT0336	MQSeries Queue Accounting Statistics	101 SMQ2

Performance Reports

Use these reports for information on performance measurements.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0021	Class/Priority Turnaround Analysis	30-5 S30, SIO
EZXT0022	Job Turnaround Analysis	30-5 S30
EZXT0048	Workload Trend Analysis	06, 30-4/5 S30, SIO, S06
EZXT0049	Application Trend Analysis	06, 30-4/5 S30, SIO, S06
EZXT0166	Coupling Facility Structure Performance	74 R74X
EZXT0201	CPU Wait Time Profile	70 R70C

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0202	Batch Address Space Usage	70 R70A
EZXT0203	TSO/E Address Space Usage	70 R70A
EZXT0204	STC Address Space Usage	70 R70A
EZXT0205	Ready Address Space Usage	70 R70A
EZXT0206	In Address Space Usage	70 R70A
EZXT0207	Out Address Space Usage	70 R70A
EZXT0208	Wait Address Space Usage	70 R70A
EZXT0209	Logical Ready Address Space Usage	70 R70A
EZXT0210	Logical Wait Address Space Usage	70 R70A
EZXT0211	ASCH Address Space Usage	70 R70A
EZXT0212	UNIX System Services Address Space Usage	70 R70A
EZXT0214	Paging Statistics	71 R71P
EZXT0215	Swap Activity by Reason	71 R71S
EZXT0216	Channel Path Stats	73 R73
EZXT0217	Page/Swap Data Activity	75 R75
EZXT0218	Enq Stats	77 R77
EZXT0219	Storage Class I/O Summary	42 S42S

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0220	Dataset Response Report	42-6 S42D
EZXT0223	VLF Statistics	41-3 S4IV
EZXT0233	Local Coupling Facility Stats	74-4 R74L
EZXT0235	Coupling Facility Structure Stats	74-4 R74X
EZXT0245	Control Unit Cache Stats	42-2 S42C
EZXT0246	Dataset I/O Statistics	42-6 S42D, S42I
EZXT0298	CICS Web Support Log	110 CMCC
EZXT0299	CICS Daily Log	110 CMCC

PR/SM Reports

Use these reports for information on LPAR configuration and use.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0153	LPAR Cluster Report	70 R70P
EZXT0213	PR/SM Partition and LPAR Usage	70 R70P
EZXT0337	CPU Activity	70-1 70C, R70P
EZXT0338	CPU Activity Daily	70-1 70C, R70P
EZXT0346	Partition Data Report	70-1 R70P

Print and Sysout Reports

Use these reports for information on external output devices, primarily print resources.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0050	Printer Device Utilization by Day	06 S06
EZXT0051	Special Forms Utilization	06 S06
EZXT0106	Extended Sysout	06 S06
EZXT0244	Summary of Sysout Transmissions by Node	57 S572
EZXT0342	IP Printway Usage Report	6 & 9 S06

RJE Reports

Use these reports for information on remote job entry.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0017	Remote Input Log	30-5 S30
EZXT0108	RJE Report	47-49 SSNA 52-54 SBSC

RMF Reports

These reports can be used as a replacement for RMF standard reports produced by ERBRMFPP.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0150	CPU Utilization Profile	70 R70C
EZXT0151	System Queue Lengths	70 R70A
EZXT0153	LPAR Cluster Report	70 R70P
EZXT0154	Paging Activity	71 R71P
EZXT0155	Paging Frame Utilization	71 R71P
EZXT0158	Channel Path Statistics	73 R73
EZXT0159	Device Activity Report	74 R74D
EZXT0160	XCF Activity - Signals Sent/Received	74 R74M
EZXT0161	XCF Activity - System Request Summary	74 R74S
EZXT0162	XCF Path Activity	74 R74P
EZXT0163	Coupling Facility CPU Utilization Percentage	74 R74F
EZXT0164	Coupling Facility Request Summary	74 R74L
EZXT0165	Coupling Facility Storage Summary	74 R74C
EZXT0166	Coupling Facility Structure Performance	74 R74X
EZXT0167	Page Data Set Activity Analysis	75 R75

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0168	Exclusive Enqueue Contention Report	77 R77
EZXT0201	CPU Wait Time Profile	70 R70C
EZXT0202	Batch Address Space Usage	70 R70A
EZXT0203	TSO/E Address Space Usage	70 R70A
EZXT0204	STC Address Space Usage	70 R70A
EZXT0205	Ready Address Space Usage	70 R70A
EZXT0206	In Address Space Usage	70 R70A
EZXT0207	Out Address Space Usage	70 R70A
EZXT0208	Wait Address Space Usage	70 R70A
EZXT0209	Logical Ready Address Space Usage	70 R70A
EZXT0210	Logical Wait Address Space Usage	70 R70A
EZXT0211	ASCH Address Space Usage	70 R70A
EZXT0212	UNIX System Services Address Space Usage	70 R70A
EZXT0213	PR/SM Partition and LPAR Usage	70 R70P
EZXT0214	Paging Statistics	71 R71P
EZXT0215	Swap Activity by Reason	71 R71S
EZXT0216	Channel Path Stats	73 R73

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0217	Page/Swap Data Activity	75 R75
EZXT0218	Enq Stats	77 R77
EZXT0226	Disk Device Statistics	74 R74D
EZXT0229	XCF Message Traffic	74-2 R74S
EZXT0230	XCF Path Message Traffic	74-2 R74P
EZXT0231	XCF Path Message Traffic	74-2 R74M
EZXT0232	Coupling CPU Usage	74-2 R74F
EZXT0233	Local Coupling Facility Stats	74-4 R74L
EZXT0234	Local Coupling Facility Storage Stats	74-4 R74C
EZXT0235	Coupling Facility Structure Stats	74-4 R74X
EZXT0236	Workload Class Stats	72-4 R72C
EZXT0256	Cache Subsystem Status	74-5 R74B
EZXT0257	Cache Subsystem Activity	74-5 R74A
EZXT0327	Crypto Accelerator Stats	70-2 R70Y
EZXT0328	Crypto Coprocessor Stats	70-2 R70Z
EZXT0337	CPU Activity Report	70-1 70C, R70P
EZXT0338	CPU Activity Daily Report	70-1 70C, R70P

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0339	ESS Extent Pool Statistics	74-8 RSSX
EZXT0340	ESS Link Statistics	74-8 RSSL
EZXT0341	ESS Rank Statistics	74-8 RSSR
EZXT0345	Blocked Workload Analysis	70-1 R70A
EZXT0346	Partition Data Report (see note below)	70-1 R70P
EZXT0347	I/O Queuing - I/O Processors (see note below)	78-3 R78A
EZXT0348	I/O Queuing - Logical Control Units (see note below)	78-3 R78B
EZXT0349	I/O Queuing - Channel Paths (see note below)	78-3 R78C
EZXT0354	I/O Queuing - DCM Channels Summary Report (see note below)	78-3 R78B
EZXT0360	WLM Goal Mode Report - Transactions (see note below)	72-3 R72W
EZXT0361	WLM Goal Mode Report - Transaction Times (see note below)	72-3 R72W
EZXT0362	WLM Goal Mode Report - DASD I/O (see note below)	72-3 R72W
EZXT0363	WLM Goal Mode Report - Service Units Consumed (see note below)	72-3 R72W
EZXT0364	WLM Goal Mode Report - Service Times (see note below)	72-3 R72W
EZXT0365	WLM Goal Mode Report - Storage and Page-in Rates (see note below)	72-3 R72W
EZXT0366	WLM Goal Mode Report - Performance Analysis by Workload (see note below)	72-3 R72W
EZXT0367	WLM Goal Mode Report - Execution Delays (see note below)	72-3 R72W

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0368	WLM Goal Mode Report - Response Time Distribution (see note below)	72-3 R72W
EZXT0369	WLM Goal Mode Report - Performance Analysis by SID (see note below)	72-3 R72W

Server Reports

Use these reports for information on multi-tiered applications in which the mainframe acts as a server.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0271	MQSeries DB2 Statistics	115-2 SMQ2
EZXT0272	MQSeries DB2 Thread and Server Stats	115-2 SMQ2
EZXT0273	MQSeries Type Work Summary (count)	116-2, -3 SMQR
EZXT0274	MQSeries Type Work Summary (percent)	116-2, -3 SMQR
EZXT0303	WebSphere Server Event Detail Report	103 SWSA
EZXT0304	WebSphere Server Event Summary Report	103 SWSA
EZXT0307	WebSphere Server Interval Detail Report	120 SWSI
EZXT0308	WebSphere Server Interval Summary Report	120 SWSI
EZXT0316	Virtual Tape Server Stats Detail	94-1 VTS1
EZXT0317	Virtual Tape Server Stats Summary	94-1 VTS1

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0324	TN3270 Server SNA Session Termination	119-21 SSST
EZXT0326	FTP Server Transfer Completion	119-70 SFST

Session Reports

Use these reports for information on any application that defines a session, like TSO or CICS.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0034	TSO Session Analysis	30-2/3/5 S30, SIO
EZXT0103	DB2 Detail	101 S101
EZXT0104	TSO/E Command Report	32 S32
EZXT0299	CICS Daily Log	110 CMCC
EZXT0320	TCP/IP Connection Termination	119-2 STCT
EZXT0321	FTP Client Transfer Completion	119-3 SCTC
EZXT0324	TN3270 Server SNA Session Termination	119-21 SSST
EZXT0325	TSO Telnet Client Termination	119-23 STCC
EZXT0332	DB2 Processing Exception Report	101 S101
EZXT0333	DB2 Concurrent Sessions	101 S101
EZXT0344	CICS Concurrent Transactions	110 CMCC

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXTD001	CA Datacom Activity Summary	SIED
EZXTN001	NetView Session Detail	39, SIEN
EZXTR001	CA Roscoe Session Analysis	SIER

SMS Reports

Use these reports for information on system managed storage.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0219	Storage Class I/O Summary	42 S42S
EZXT0220	Dataset Response Report	42-6 S42D
EZXT0243	Storage Class BMF Stats	42-1 S42B
EZXT0245	Control Unit Cache Stats	42-2 S42C
EZXT0246	Dataset I/O Statistics	42-6 S42D, S42I

Step Reports

Use these reports for information on z/OS batch job steps, which are the main source for z/OS accounting and chargeback.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0023	Computer Utilization Log	06, 30-4 S30X, S06
EZXT0037	Peak Paging Periods	30-4 S30X

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0043	Utilization Summary by Program	30-4 S30X, SIOX
EZXT0044	Program Paging Profile	30-4 S30X
EZXT0045	Abnormal Termination by Program Name	30-4 S30X
EZXT0048	Workload Trend Analysis	06, 30-4/5 S30, SIO, S06
EZXT0049	Application Trend Analysis	06, 30-4/5 S30, SIO, S06

Telecommunications TCP/IP and SNA Reports

Use these reports for information on general telecommunications, independent of network protocol. This includes ACF/VTAM and IBM proprietary networking (SNA), and SMF records of TCP/IP and other applications that use TCP/IP.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0224	ACF/VTAM Statistics	50 S50
EZXT0238	FTP Stats	118 SFTP
EZXT0239	Telnet Stats	118 STEL
EZXT0240	API Socket Stats	118 SAPI
EZXT0244	Summary of Sysout Transmissions by Node	57 S572
EZXT0320	TCP/IP Connection Termination	119-2 STCT
EZXT0321	FTP Client Transfer Completion	119-3 SCTC

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0322	TCP/IP Stack Start Stop Information	119-8 SSTP
EZXT0323	TCP/IP UDP Socket Information	119-10 SUDP
EZXT0324	TN3270 Server SNA Session Termination	119-21 SSST
EZXT0325	TSO Telnet Client Termination	119-23 STCC
EZXT0326	FTP Server Transfer Completion	119-70 SFST
EZXT0342	IP Printway Usage Report	6 & 9 S06
EZXTX001	VM Transmission Report	SIEX
EZXTZ001	VM Resource Utilization	SIEZ
EZXTZ002	Session Detail Stats	SIEZ
EZXTZ004	VM Special Processor Use	SIEZ

Tricks of the Trade Reports

Casual CA Easytrieve users can use these reports as examples of coding techniques such as date/time conversions, indexed variables, and multiple passes at data.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type	Trick
EZXT0256	Cache Subsystem Status	74-5 R74B	Invokes macros that produce scaled numeric values. Scaling is useful for displaying very large numbers in a limited number of print positions. The sample report invokes UNSBINZ.
EZXT0314	Tape Library Volume Pool - Hourly Poolset Statistics	94-2 VTS2	Uses the CASE:WHEN construct in CA Easytrieve.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type	Trick
EZXT0320	TCP/IP Connection Termination	119-2 STCT	Uses an AFTER-BREAK PROC and the DISPLAY command to produce a two-line value (IPv6 address) to customize a summary report. Also illustrates the use of the IPV6CNVZ macro to convert 64-bit IPv6 values to standard printable format. IPV6CNVZ also contains an example of how to work with arrays in CA Easytrieve that is simpler and clearer than that in EZXTZ002.
EZXT0338	CPU Activity Daily Report	70-1 70C, R70P	Uses multiple VIRTUAL files to manipulate data in multiple passes.
EZXT0340	ESS Link Statistics	74-8 RSSL	Invokes macros that produce scaled numeric values. Scaling is useful for displaying very large numbers in a limited number of print positions. The sample report invokes ESSLSCLZ.
EZXT0348	I/O Queuing - Logical Control Units	78-3 R78B	Uses a memory array to compute multiple statistics on a variable in a single pass. Uses report procedures REPORT-INPUT and BEFORE-BREAK.
EZXT0349	I/O Queuing - Channel Paths	78-3 R78C	Uses the CA Easytrieve automatic variable TALLY.
EZXTZ002	Session Detail Stats	zVM accounting record 1 SIEZ	Uses a STATIC variable in CA Easytrieve to access an array of values in a REPORT procedure. Uses an AFTER-LINE PROC to do complex arithmetic in a REPORT procedure. Illustrates the use of indexed variables.
EZXTZ004	VM Special Processor Use	zVM accounting record 1 SIEZ	Uses a REPORT-INPUT PROC to do complex record selection in a REPORT procedure.

Tuning Reports

Use these reports for performance tuning of z/OS and z/OS applications.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0205	Ready Address Space Usage	70 R70A
EZXT0214	Paging Statistics	71 R71P
EZXT0223	VLFS Statistics	41-3 S4IV
EZXT0226	Disk Device Statistics	74 R74D
EZXT0236	Workload Class Stats	72-4 R72C
EZXT0247	MQSeries Detail Log Manager Statistics	115-1 SMQL
EZXT0248	MQSeries Summary Log Manager Statistics	115-1 SMQL
EZXT0249	MQSeries Detail Data Manager Statistics	115-2 SMQD
EZXT0250	MQSeries Summary Data Manager Statistics	115-2 SMQD
EZXT0251	MQSeries Detail Message Manager Statistics	115-2 SMQM
EZXT0252	MQSeries Summary Message Manager Statistics	115-2 SMQM
EZXT0253	MQSeries Buffer Manager Statistics	115-2 SMQB
EZXT0254	MQSeries Buffer Manager Statistics	115-2 SMQB
EZXT0256	Cache Subsystem Status	74-5 R74B
EZXT0257	Cache Subsystem Activity	74-5 R74A

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0271	MQSeries DB2 Statistics	115-2 SMQ2
EZXT0272	MQSeries DB2 Thread and Server Stats	115-2 SMQ2
EZXT0273	MQSeries Type Work Summary (count)	116-2, -3 SMQR
EZXT0274	MQSeries Type Work Summary (percent)	116-2, -3 SMQR
EZXT0298	CICS Web Support Log	110 CMCC
EZXT0301	WebSphere Performance Detail Report	103 SWPF
EZXT0303	WebSphere Server Event Detail Report	103 SWSA
EZXT0304	WebSphere Server Event Summary Report	103 SWSA
EZXT0335	MQSeries DB2 Statistics BLOB READ Times	101 SMQ2
EZXT0336	MQSeries Queue Accounting Statistics	101 SMQ2
EZXT0337	CPU Activity	70-1 70C, R70P
EZXT0338	CPU Activity Daily	70-1 70C, R70P
EZXT0339	ESS Extent Pool Statistics	74-8 RSSX
EZXT0340	ESS Link Statistics	74-8 RSSL
EZXT0341	ESS Rank Statistics	74-8 RSSL
EZXT0343	CICS Response Apdex Index	110 CMCC
EZXT0344	CICS Concurrent Transactions	110 CMCC

Unix USS Reports

Use these reports for information on Unix (Linux) and Unix System Services.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0151	System Queue Lengths	70 R70A
EZXT0212	UNIX System Services Address Space Usage	70 R70A
EZXT0241	UNIX System Services Job Usage	30 O30

Vtape Reports

Use these reports for information on the use of virtual tapes.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0316	Virtual Tape Server Stats Detail	94-1 VTS1
EZXT0317	Virtual Tape Server Stats Summary	94-1 VTS1

WebSphere Reports

These reports are generated either from WebSphere records or from components that interact with WebSphere.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0300	WebSphere Configuration Report	103 SWCF
EZXT0301	WebSphere Performance Detail Report	103 SWPF

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0303	WebSphere Server Event Detail Report	103 SWSA
EZXT0304	WebSphere Server Event Summary Report	103 SWSA
EZXT0305	WebSphere Container Interval Detail Report	120 SWJI
EZXT0306	WebSphere Container Interval Summary Report	120 SWJI
EZXT0307	WebSphere Server Interval Detail Report	120 SWSI
EZXT0308	WebSphere Server Interval Summary Report	120 SWSI
EZXT0309	WebSphere Container Interval Detail Report	120 SWCI
EZXT0310	WebSphere J2EE Container Activity	120 SWJA
EZXT0311	WebSphere J2EE Container Activity Summary	120 SWJA
EZXT0500	WebContainer Activity Detail	120-7 SWWA
EZXT0501	WebContainer Servlet Interval Report	120-8 SWWI

Workload Manager Reports

Use these reports for information on the actions of the workload manager for system tuning.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0153	LPAR Cluster Report	70 R70P
EZXT0236	Workload Class Stats	72-4 R72C

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0363	WLM Goal Mode Report - Service Units Consumed	72-3 R72W
EZXT0368	WLM Goal Mode Report - Response Time Distribution	72-3 R72W

zIIP/zAAP/IFL Reports

Use these reports for information on specialty engine configuration and use.

CA Easytrieve Member Name	Report Name	SMF/EXT Record Type
EZXT0312	Address Space zIIP CPU Activity	30-4 S30X
EZXT0313	Address Space zAAP CPU Activity	30-4 S30X
EZXT0337	CPU Activity	70-1 70C, R70P
EZXT0338	CPU Activity Daily	70-1 70C, R70P
EZXT0420	DB2 zIIP Times	101 S101
EZXT0421	DB2 zIIP Times Summary	101 S101

Chapter 2: Address Space Reports from RMF Data

This section contains the following topics:

[ERXT0107/EZXT0107: Extended Address Space](#) (see page 64)

[ERXT0202/EZXT0202: Batch Address Space Usage](#) (see page 65)

[ERXT0203/EZXT0203: TSO/E Address Space Usage](#) (see page 66)

[ERXT0204/EZXT0204: STC Address Space Usage](#) (see page 67)

[ERXT0205/EZXT0205: Ready Address Space Usage](#) (see page 68)

[ERXT0206/EZXT0206: In Address Space Usage](#) (see page 69)

[ERXT0207/EZXT0207: Out Address Space Usage](#) (see page 70)

[ERXT0208/EZXT0208: Wait Address Space Usage](#) (see page 71)

[ERXT0209/EZXT0209: Logical Ready Address Space Usage](#) (see page 72)

[ERXT0210/EZXT0210: Logical Wait Address Space Usage](#) (see page 73)

[ERXT0211/EZXT0211: ASCH Address Space Usage](#) (see page 74)

[ERXT0212/EZXT0212: UNIX System Services Address Space Usage](#) (see page 75)

ERXT0107/EZXT0107: Extended Address Space

This report shows how much extended address space is used by each job, organized by jobname.

07/03/yy		EXTENDED ADDRESS SPACE REPORT							PAGE 1	
REPORT ID: ERXT0107										
JOB NAME	RECDATE	RECTIME	PERF GROUP	STEP NUMBER	PAGE SECONDS	SRM.ACTIVE TIME	SRM.RES TIME	I/O INT TIME	REGION CNTL.TIME	TCB CPUTIME
CATALOG	yy/01/13	12:19:47	0	1	264743	01:00:01	01:00:01	00:00:04	00:00:00	00:02:22
CATALOG	yy/01/13	13:19:48	0	1	192184	01:00:01	01:00:01	00:00:04	00:00:00	00:01:52
CATALOG	yy/01/13	14:19:49	0	1	254666	01:00:01	01:00:01	00:00:05	00:00:00	00:02:26
CATALOG	yy/01/13	14:46:06	0	1	102939	00:26:16	00:26:16	00:00:01	00:00:00	00:00:59
CATALOG	yy/01/13	15:52:15	0	1	129328	01:00:00	01:00:00	00:00:02	00:00:00	00:01:25
CATALOG	yy/01/13	16:52:16	0	1	45937	01:00:01	01:00:01	00:00:01	00:00:00	00:00:35
CATALOG	yy/01/13	17:52:17	0	1	698551	01:00:01	01:00:01	00:00:17	00:00:00	00:06:22
CATALOG	yy/01/13	20:02:15	0	1	69418	01:00:01	01:00:01	00:00:02	00:00:00	00:00:50
CATALOG	yy/01/13	22:02:17	0	1	73995	01:00:01	01:00:01	00:00:02	00:00:00	00:00:50
CATALOG	yy/01/13	23:02:18	0	1	110893	01:00:01	01:00:01	00:00:04	00:00:00	00:01:17
CATALOG	yy/01/14	00:02:19	0	1	408655	01:00:01	01:00:01	00:00:20	00:00:00	00:03:46
CATALOG	yy/01/14	01:02:20	0	1	180093	01:00:01	01:00:01	00:00:05	00:00:00	00:01:35
CATALOG	yy/01/14	02:02:21	0	1	73199	01:00:01	01:00:01	00:00:02	00:00:00	00:00:51
CATALOG	yy/01/14	03:02:22	0	1	140418	01:00:01	01:00:01	00:00:04	00:00:00	00:01:37
CATALOG	yy/01/14	04:02:23	0	1	99746	01:00:01	01:00:01	00:00:04	00:00:00	00:01:13
CATALOG	yy/01/14	05:02:24	0	1	57537	01:00:01	01:00:01	00:00:02	00:00:00	00:00:41
CATALOG	yy/01/14	07:02:26	0	1	24450	01:00:01	01:00:01	00:00:00	00:00:00	00:00:20
CATALOG	yy/01/14	08:02:27	0	1	85581	01:00:01	01:00:01	00:00:03	00:00:00	00:01:10
CATALOG	yy/01/14	09:02:28	0	1	79653	01:00:01	01:00:01	00:00:03	00:00:00	00:01:00
CATALOG	yy/01/14	10:02:29	0	1	143125	01:00:01	01:00:01	00:00:04	00:00:00	00:01:37
CATALOG	yy/01/14	11:02:31	0	1	193353	01:00:01	01:00:01	00:00:05	00:00:00	00:02:01
DLACUT01	yy/01/13	20:40:28	18	2	36249	00:37:08	00:37:08	00:00:01	00:00:00	00:01:09
DLACUT02	yy/01/13	20:45:16	18	2	44983	00:42:07	00:42:07	00:00:02	00:00:00	00:01:26
DLACUT03	yy/01/13	20:44:03	18	2	42379	00:40:24	00:40:24	00:00:01	00:00:00	00:01:21
DLACUT04	yy/01/13	20:30:09	18	2	38972	00:26:34	00:26:34	00:00:01	00:00:00	00:01:14
DLACUT05	yy/01/13	20:22:55	18	2	25007	00:19:15	00:19:15	00:00:01	00:00:00	00:00:47
DSSCOPY	yy/01/13	20:02:09	99	3	4060	00:09:47	00:09:47	00:00:01	00:00:00	00:00:08

END OF REPORT

ERXT0202/EZXT0202: Batch Address Space Usage

This report shows the level of activity for batch address spaces. P0 through P11 levels represent the percentage of counts in IBM SMF fields SMF70B00 through SMF70B11, respectively.

04/01/yy		BATCH ADDRESS SPACE USAGE											PAGE 1			
SYS ID	INTRVL DATE	START TIME	BATCH MIN	BATCH MAX	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
XAD1	yy/01/04	00:00:00	34	38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.79	16.20
XAD1	yy/01/04	00:15:00	33	36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.81	2.18
XAD1	yy/01/04	00:30:00	32	35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00
XAD1	yy/01/04	00:45:00	29	33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.93	73.06	0.00
XAD1	yy/01/04	01:00:00	28	34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75.69	24.30	0.00
XAD1	yy/01/04	01:15:00	26	32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	98.26	1.73	0.00
XAD1	yy/01/04	01:30:00	29	32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.26	41.73	0.00
XAD1	yy/01/04	01:45:00	30	37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.44	93.08	6.47
XAD1	yy/01/04	02:00:00	32	38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	49.29	50.70
XAD1	yy/01/04	02:15:00	33	37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	27.30	72.69
XAD1	yy/01/04	02:30:00	32	35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00
XAD1	yy/01/04	02:45:00	30	34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.48	99.51	0.00
XAD1	yy/01/04	03:00:00	32	37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	91.33	8.66
XAD1	yy/01/04	03:15:00	31	34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00
XAD1	yy/01/04	03:30:00	31	35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00
XAD1	yy/01/04	03:45:00	33	38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	83.56	16.43
XAD1	yy/01/04	04:00:00	33	37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.01	14.98
XAD1	yy/01/04	04:15:00	33	38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	64.15	35.84
XAD1	yy/01/04	04:30:00	36	39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	04:45:00	36	39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	05:00:00	36	40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	05:15:00	35	41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	99.74
XAD1	yy/01/04	05:30:00	37	41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	05:45:00	36	40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	06:00:00	36	43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	06:15:00	39	41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	06:30:00	38	41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	06:45:00	38	41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	07:00:00	39	44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	07:15:00	39	46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	07:30:00	39	44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	07:45:00	39	46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	08:00:00	38	47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	08:15:00	38	45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	08:30:00	39	51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	08:45:00	44	51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	09:00:00	47	63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	09:15:00	54	65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	09:30:00	58	68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	09:45:00	62	72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	10:00:00	59	74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	10:15:00	61	71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	10:30:00	60	68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	10:45:00	64	75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	11:00:00	61	76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	11:15:00	68	78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	11:30:00	73	83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	11:45:00	75	85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	12:00:00	71	82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	12:15:00	71	81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	12:30:00	70	80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	12:45:00	73	81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	13:00:00	73	80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	13:15:00	72	81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00

ERXT0203/EZXT0203: TSO/E Address Space Usage

This report shows the level of activity for TSO address spaces. P0 through P11 levels represent the percentage of counts in IBM SMF fields SMF70T00 through SMF70T11, respectively.

04/01/yy		TSO/E ADDRESS SPACE USAGE													PAGE 1	
SYS ID	INTRVL DATE	START TIME	TSO MIN	TSO MAX	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
XAD1	yy/04/01	00:00:00	16	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	00:15:00	18	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	00:30:00	17	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	00:45:00	17	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	01:00:00	15	17	0.00	0.00	0.00	0.00	0.00	0.00	43.54	56.45	0.00	0.00	0.00	0.00
XAD1	yy/04/01	01:15:00	9	15	0.00	0.00	0.00	0.00	0.00	82.30	17.69	0.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	01:30:00	10	11	0.00	0.00	0.00	0.00	0.00	74.06	25.93	0.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	01:45:00	10	16	0.00	0.00	0.00	0.00	0.00	22.67	75.65	1.66	0.00	0.00	0.00	0.00
XAD1	yy/04/01	02:00:00	16	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	02:15:00	17	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	02:30:00	19	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.41	40.58	0.00	0.00	0.00
XAD1	yy/04/01	02:45:00	23	29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.35	30.64	0.00	0.00
XAD1	yy/04/01	03:00:00	27	30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
XAD1	yy/04/01	03:15:00	30	47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.84	35.36	61.78
XAD1	yy/04/01	03:30:00	44	56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	03:45:00	56	64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	04:00:00	63	71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	04:15:00	70	76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	04:30:00	73	78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	04:45:00	66	75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	05:00:00	67	73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	05:15:00	67	72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	05:30:00	67	71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	05:45:00	67	72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	06:00:00	61	68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	06:15:00	59	64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	06:30:00	51	61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	06:45:00	46	52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	07:00:00	43	48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	07:15:00	42	47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	07:30:00	44	63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	07:45:00	62	79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	08:00:00	76	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	08:15:00	99	123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	08:30:00	121	149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	08:45:00	149	186	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	09:00:00	186	221	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	09:15:00	217	245	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	09:30:00	243	265	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	09:45:00	263	284	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	10:00:00	273	290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	10:15:00	288	300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	10:30:00	292	301	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	10:45:00	278	298	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	11:00:00	278	291	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	11:15:00	284	295	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	11:30:00	283	290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	11:45:00	278	286	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	12:00:00	275	285	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	12:15:00	271	283	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	12:30:00	259	272	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	12:45:00	243	261	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	13:00:00	229	247	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	13:15:00	219	231	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00

ERXT0204/EZXT0204: STC Address Space Usage

This report shows the level of activity for STC address spaces. P0 through P11 levels represent the percentage of counts in IBM SMF fields SMF70S00 through SMF70S11, respectively.

18/04/yy		STC ADDRESS SPACE USAGE														PAGE 1
SYS ID	INTRVL DATE	START TIME	STC MIN	STC MAX	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
XAD1	yy/01/21	15:30:00	124	127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	15:45:00	124	128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	16:00:00	125	127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	16:15:00	124	126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	16:30:00	124	127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	16:45:00	125	128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	17:00:00	122	129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	17:15:00	126	138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	17:30:00	138	153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	17:45:00	152	156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	18:00:00	155	156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	18:15:00	156	162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	18:30:00	162	163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	18:45:00	163	163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	19:00:00	161	163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	19:26:24	25	67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.96	59.81	2.47	11.74
XAD1	yy/01/21	19:30:00	109	120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	19:45:00	113	117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	20:00:00	107	116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	20:15:00	112	116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	20:30:00	114	117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	20:45:00	117	119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	21:00:00	117	145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	21:15:00	141	152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	21:40:55	23	39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.05	14.18	49.93	6.82
XAD1	yy/01/21	21:45:00	35	151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	98.92
XAD1	yy/01/21	22:00:00	125	132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	22:15:00	118	125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	22:30:00	111	129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	22:45:00	108	117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	23:00:00	108	126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	23:15:00	118	133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	23:30:00	122	126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00

ERXT0205/EZXT0205: Ready Address Space Usage

This report shows ready address spaces in relation to time of day for a given system. P0 through P11 levels represent the percentage of counts in IBM SMF fields SMF70R00 through SMF70R15, respectively.

20/04/yy		READY ADDRESS SPACE USAGE																	PAGE 1		
SYS ID	INTRVL DATE	START TIME	READY MIN	READY MAX	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12	P13	P14	P15	
XAD1	yy/01/18	23:45:00	0	49	54.0	29.2	10.2	3.2	1.1	0.4	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
XAD1	yy/01/18																				
XAD1	yy/01/18	00:00:00	0	43	60.7	26.3	8.1	3.0	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	00:15:00	0	36	62.5	25.8	8.1	1.8	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	00:30:00	0	24	65.5	24.4	6.4	1.9	0.7	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
XAD1	yy/01/18	00:45:00	0	45	66.0	24.4	6.4	1.8	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	01:00:00	0	26	61.2	26.7	6.9	2.9	1.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	01:15:00	0	39	64.6	25.5	6.5	1.6	0.7	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	01:30:00	0	33	62.1	25.9	7.5	2.1	1.0	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	01:45:00	0	50	55.1	28.1	10.6	2.9	1.7	0.4	0.2	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	02:00:00	0	47	50.5	31.2	9.3	4.2	2.3	0.9	0.4	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	02:15:00	0	46	49.9	31.7	10.6	3.9	1.8	0.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	02:30:00	0	46	49.9	32.3	10.5	3.9	1.7	0.4	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	02:45:00	0	41	55.8	29.6	8.9	2.9	1.2	0.4	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	03:00:00	0	44	61.7	26.7	6.5	2.6	1.1	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	03:15:00	0	48	53.2	31.6	9.6	2.9	1.3	0.4	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
XAD1	yy/01/18	03:30:00	0	50	65.2	24.2	6.6	2.3	0.7	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	03:45:00	0	38	73.6	19.2	4.8	1.3	0.2	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	04:00:00	0	44	73.1	18.0	5.3	1.6	0.7	0.2	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	04:15:00	0	38	78.7	15.5	3.9	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	04:30:00	0	43	69.4	21.8	5.5	1.7	0.7	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	04:45:00	0	41	77.6	17.0	3.3	0.9	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	05:00:00	0	43	74.0	17.3	4.9	1.9	0.5	0.2	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	05:15:00	0	44	75.9	17.8	4.0	0.9	0.4	0.1	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	05:30:00	0	36	69.2	21.2	5.9	1.5	0.7	0.5	0.0	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
XAD1	yy/01/18	05:45:00	0	43	68.7	22.2	5.8	1.6	0.7	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	06:00:00	0	38	58.6	26.2	8.6	3.3	1.2	0.5	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	06:15:00	0	45	76.2	17.0	4.3	1.1	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	06:30:00	0	33	78.6	16.4	2.8	1.0	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	06:45:00	0	48	77.2	17.0	3.4	1.0	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	07:00:00	0	58	70.0	21.1	6.2	1.5	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	07:15:00	0	44	72.0	21.1	4.6	1.1	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
XAD1	yy/01/18	07:30:00	0	44	71.2	19.8	5.0	1.7	0.8	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	07:45:00	0	48	74.8	19.3	3.5	0.9	0.4	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	08:00:00	0	48	67.7	21.4	6.0	2.4	1.0	0.3	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
XAD1	yy/01/18	08:15:00	0	45	58.2	24.8	8.4	3.7	1.7	0.8	0.4	0.4	0.1	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.6
XAD1	yy/01/18	08:30:00	0	51	35.7	30.5	14.3	8.1	4.5	2.5	1.4	0.4	0.6	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.5
XAD1	yy/01/18	08:45:00	0	54	40.6	30.4	12.8	7.3	3.2	1.8	1.1	0.6	0.5	0.1	0.1	0.2	0.0	0.0	0.0	0.0	0.4
XAD1	yy/01/18	09:00:00	0	55	28.4	28.4	13.5	8.8	4.1	3.8	2.3	1.6	1.5	1.1	0.7	0.9	1.0	0.4	0.2	2.5	2.5
XAD1	yy/01/18	09:15:00	0	52	32.5	26.5	14.5	7.8	4.6	3.5	2.3	1.7	1.4	0.8	0.7	0.8	0.4	0.4	0.1	1.3	1.3
XAD1	yy/01/18	09:30:00	0	51	21.3	24.9	13.9	9.6	6.2	4.5	3.4	2.6	1.9	1.9	1.0	0.8	0.8	0.9	0.8	4.8	4.8
XAD1	yy/01/18	09:45:00	0	66	7.2	11.1	9.8	7.7	6.2	5.8	6.0	3.9	4.5	3.7	3.6	3.2	3.0	2.9	2.6	18.1	18.1
XAD1	yy/01/18	10:00:00	0	65	5.2	8.9	8.5	6.7	6.0	6.1	4.9	5.3	4.4	4.0	4.2	3.7	3.4	4.0	2.6	21.3	21.3
XAD1	yy/01/18	10:15:00	0	64	2.1	5.8	6.6	6.8	6.8	6.9	6.4	5.1	4.4	4.6	4.6	4.1	4.1	3.0	3.5	24.5	24.5
XAD1	yy/01/18	10:30:00	0	76	0.9	3.4	2.8	3.4	3.7	2.8	4.2	3.0	3.5	4.2	3.4	4.3	3.2	4.0	3.6	48.9	48.9
XAD1	yy/01/18	10:45:00	0	81	1.8	3.9	3.5	4.1	4.0	4.2	3.9	3.7	3.9	3.7	2.9	3.4	3.2	3.7	3.4	45.7	45.7
XAD1	yy/01/18	11:00:00	0	83	2.0	4.6	5.5	6.1	5.8	6.0	5.7	5.1	5.1	4.1	4.1	4.4	3.5	3.1	3.7	30.3	30.3
XAD1	yy/01/18	11:15:00	0	70	8.8	13.6	11.2	7.7	7.1	5.1	4.2	3.9	2.9	3.0	2.6	2.2	2.1	2.1	2.2	20.4	20.4
XAD1	yy/01/18	11:30:00	0	76	7.5	12.5	9.1	6.6	5.8	4.3	4.0	3.1	3.4	2.5	2.4	2.6	2.2	1.8	2.1	29.4	29.4
XAD1	yy/01/18	11:45:00	0	74	4.7	9.2	8.1	7.8	6.6	5.6	4.1	3.7	3.5	2.7	2.5	3.2	2.5	2.3	2.2	30.7	30.7
XAD1	yy/01/18	12:00:00	0	79	0.1	1.7	3.4	4.2	4.8	5.7	5.0	5.2	5.1	4.8	5.2	5.3	4.9	4.1	4.7	35.0	35.0

ERXT0206/EZXT0206: In Address Space Usage

This report shows the level of activity for in address spaces. P0 through P11 levels represent the percentage of counts in IBM SMF fields SMF70I00 through SMF70I11, respectively.

18/04/yy		IN ADDRESS SPACE USAGE														PAGE 6
SYS ID	INTRVL DATE	START TIME	IN MIN	IN MAX	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
XAD1	yy/01/21	15:30:00	141	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	15:45:00	143	159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	16:00:00	141	160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	16:15:00	143	162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	16:30:00	141	162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	16:45:00	141	161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	17:00:00	135	159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	17:15:00	132	159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	17:30:00	115	147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	17:45:00	113	131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	18:00:00	109	130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	18:15:00	111	128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	18:30:00	110	127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	18:45:00	110	130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	19:00:00	109	129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	19:26:24	25	60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.96	59.81	2.47	11.74
XAD1	yy/01/21	19:30:00	46	189	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	19:45:00	77	90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	20:00:00	75	92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	20:15:00	76	87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	20:30:00	76	88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	20:45:00	77	87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	21:00:00	50	80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	21:15:00	43	55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	21:40:55	21	34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	42.29	48.02	9.68	0.00
XAD1	yy/01/21	21:45:00	30	137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	4.14	94.78
XAD1	yy/01/21	22:00:00	61	71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	22:15:00	68	78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	22:30:00	64	84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	22:45:00	76	86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	23:00:00	69	86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	23:15:00	62	77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/21	23:30:00	65	72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00

ERXT0207/EZXT0207: Out Address Space Usage

This report shows the level of activity for out address spaces. P0 through P11 levels represent the percentage of counts in IBM SMF fields SMF70O00 through SMF70O11, respectively.

04/01/yy		OUT ADDRESS SPACE USAGE														PAGE 1
SYS ID	INTRVL DATE	START TIME	OUT MIN	OUT MAX	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
XAD1	yy/01/04	00:00:00	0	10	99.55	0.36	0.03	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	00:15:00	0	2	99.55	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	00:30:00	0	2	99.59	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	00:45:00	0	2	99.74	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	01:00:00	0	2	99.48	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	01:15:00	0	2	99.70	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	01:30:00	0	1	99.59	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	01:45:00	0	1	99.55	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	02:00:00	0	1	99.59	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	02:15:00	0	4	99.48	0.40	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	02:30:00	0	3	99.48	0.44	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	02:45:00	0	2	99.51	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	03:00:00	0	1	99.37	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	03:15:00	0	2	99.37	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	03:30:00	0	3	99.26	0.70	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	03:45:00	0	3	99.29	0.62	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	04:00:00	0	2	99.14	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	04:15:00	0	2	99.51	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	04:30:00	0	3	99.11	0.85	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	04:45:00	0	1	99.59	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	05:00:00	0	2	99.33	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	05:15:00	0	2	99.29	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	05:30:00	0	2	99.33	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	05:45:00	0	1	99.44	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	06:00:00	0	1	99.18	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	06:15:00	0	1	99.40	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	06:30:00	0	2	99.44	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	06:45:00	0	1	99.59	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	07:00:00	0	2	99.07	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	07:15:00	0	3	99.22	0.74	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	07:30:00	0	2	99.00	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	07:45:00	0	2	99.14	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	08:00:00	0	2	99.37	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	08:15:00	0	1	99.22	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	08:30:00	0	2	98.92	1.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	08:45:00	0	3	98.85	1.11	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	09:00:00	0	2	97.41	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	09:15:00	0	2	97.41	2.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	09:30:00	0	2	97.40	2.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	09:45:00	0	3	97.29	2.66	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	10:00:00	0	6	95.67	4.10	0.18	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	10:15:00	0	3	96.74	3.18	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	10:30:00	0	5	97.77	2.18	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	10:45:00	0	4	94.08	5.66	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	11:00:00	0	4	94.59	5.14	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	11:15:00	0	6	95.18	4.58	0.18	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	11:30:00	0	5	92.67	7.10	0.18	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	11:45:00	0	4	88.90	10.72	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	12:00:00	0	6	93.70	5.73	0.37	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	12:15:00	0	6	95.85	3.92	0.18	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	12:30:00	0	6	92.52	7.10	0.33	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	12:45:00	0	5	96.22	3.51	0.22	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	13:00:00	0	6	91.70	7.66	0.55	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	13:15:00	0	5	93.67	5.99	0.29	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ERXT0208/EZXT0208: Wait Address Space Usage

This report shows the level of activity for wait address spaces. P0 through P11 levels represent the percentage of counts in IBM SMF fields SMF70W00 through SMF70W11, respectively.

04/01/yy		WAIT ADDRESS SPACE USAGE														PAGE 1
SYS ID	INTRVL DATE	START TIME	WAIT MIN	WAIT MAX	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
XAD1	yy/01/04	00:00:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	00:15:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	00:30:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	00:45:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	01:00:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	01:15:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	01:30:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	01:45:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	02:00:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	02:15:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	02:30:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	02:45:00	0	1	99.59	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	03:00:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	03:15:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	03:30:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	03:45:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	04:00:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	04:15:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	04:30:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	04:45:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	05:00:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	05:15:00	0	10	48.70	0.00	0.00	0.00	0.00	51.29	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	05:30:00	10	10	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	05:45:00	9	10	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	06:00:00	9	10	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	06:15:00	9	9	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	06:30:00	9	9	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	06:45:00	9	9	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	07:00:00	9	9	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	07:15:00	9	9	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	07:30:00	9	9	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	07:45:00	9	16	0.00	0.00	0.00	0.00	0.00	29.53	10.14	60.32	0.00	0.00	0.00	0.00
XAD1	yy/01/04	08:00:00	16	16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	08:15:00	16	59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.39	0.29	0.85	0.51	24.93
XAD1	yy/01/04	08:30:00	59	117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	08:45:00	114	137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	09:00:00	136	216	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	09:15:00	196	233	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	09:30:00	204	251	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	09:45:00	221	253	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	10:00:00	222	257	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	10:15:00	229	270	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	10:30:00	242	267	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	10:45:00	229	266	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	11:00:00	233	279	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	11:15:00	237	263	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	11:30:00	223	261	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	11:45:00	224	254	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	12:00:00	208	246	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	12:15:00	209	241	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	12:30:00	205	239	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	12:45:00	173	213	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	13:00:00	153	174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/01/04	13:15:00	151	179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00

ERXT0209/EZXT0209: Logical Ready Address Space Usage

This report shows the level of activity for logical ready address spaces. P0 through P11 levels represent the percentage of counts in IBM SMF fields SMF70L00 through SMF70L11, respectively.

18/04/yy		LOGICAL READY ADDRESS SPACE USAGE														PAGE 2
SYS ID	INTRVL DATE	START TIME	LRDY MIN	LRDY MAX	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
XAD1	yy/01/04	12:15:00	0	5	53.75	37.40	8.73	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	12:30:00	0	4	70.09	27.42	2.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	12:45:00	0	5	60.39	31.23	7.43	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	13:00:00	0	2	87.01	12.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	13:15:00	0	1	96.37	3.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	13:30:00	0	2	96.92	3.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	13:45:00	0	2	98.29	1.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	14:00:00	0	1	99.96	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	14:15:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	14:30:00	0	1	98.85	1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	14:45:00	0	1	99.92	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	15:00:00	0	3	60.28	39.04	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	15:15:00	0	4	74.24	21.61	4.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	15:30:00	0	4	80.83	16.31	2.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	15:45:00	0	4	54.71	40.51	4.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	16:00:00	0	5	40.26	45.85	11.91	1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	16:15:00	0	3	51.60	47.53	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	16:30:00	0	4	43.50	49.50	6.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	16:45:00	0	4	73.68	18.65	7.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	17:00:00	0	6	43.41	34.08	20.17	2.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	17:15:00	0	3	95.55	3.73	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	17:30:00	0	2	96.92	3.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	17:45:00	0	1	99.66	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	18:00:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	18:15:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	18:30:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	18:45:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	19:00:00	0	1	99.88	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	19:15:00	0	1	99.55	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	19:30:00	0	1	99.48	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	19:45:00	0	2	99.11	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	20:00:00	0	1	99.66	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	20:15:00	0	2	99.55	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	20:30:00	0	1	99.77	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	20:45:00	0	1	99.81	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	21:00:00	0	1	99.81	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	21:15:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	21:30:00	0	1	99.88	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	21:45:00	0	1	99.74	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	22:00:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	22:15:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	22:30:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	22:45:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	23:00:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	23:15:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAD1	yy/01/04	23:30:00	0	0	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ERXT0210/EZXT0210: Logical Wait Address Space Usage

This report shows the level of activity for logical wait address spaces. P0 through P11 levels represent the percentage of counts in IBM SMF fields SMF70A00 through SMF70A11, respectively.

18/04/yy		LOGICAL WAIT ADDRESS SPACE USAGE											PAGE 1			
SYS ID	INTRVL DATE	START TIME	LWAIT MIN	LWAIT MAX	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
XAT1	yy/01/04	00:00:00	23	43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.79	34.59	41.36	10.24
XAT1	yy/01/04	00:15:00	5	33	0.00	0.00	0.00	1.33	1.25	0.92	4.43	21.12	2.33	58.26	10.32	0.00
XAT1	yy/01/04	00:30:00	0	11	2.29	10.83	27.00	29.96	22.01	7.84	0.03	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	00:45:00	6	14	0.00	0.00	0.00	0.22	16.50	43.04	40.22	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	01:00:00	4	18	0.00	0.00	0.51	3.99	12.91	13.57	56.67	12.31	0.00	0.00	0.00	0.00
XAT1	yy/01/04	01:15:00	12	19	0.00	0.00	0.00	0.00	0.00	0.00	77.23	22.76	0.00	0.00	0.00	0.00
XAT1	yy/01/04	01:30:00	2	20	0.00	0.03	1.84	1.36	0.22	0.62	39.58	56.30	0.00	0.00	0.00	0.00
XAT1	yy/01/04	01:45:00	1	10	0.00	34.29	37.84	18.05	7.51	2.29	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	02:00:00	0	6	1.81	59.23	37.51	1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	02:15:00	0	5	4.95	54.92	36.04	4.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	02:30:00	0	5	3.58	59.63	35.44	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	02:45:00	0	5	32.51	50.05	17.38	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	03:00:00	0	4	18.90	54.31	26.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	03:15:00	0	5	0.37	62.21	37.26	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	03:30:00	0	5	5.77	57.93	35.47	0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	03:45:00	0	5	22.50	51.99	25.27	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	04:00:00	0	6	42.91	43.95	12.13	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	04:15:00	0	3	47.52	45.18	7.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	04:30:00	0	4	52.03	41.56	6.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	04:45:00	0	4	52.81	43.41	3.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	05:00:00	0	9	27.09	48.55	19.05	4.47	0.74	0.07	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	05:15:00	0	8	11.02	55.53	30.15	2.99	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	05:30:00	0	7	16.95	50.44	28.42	4.07	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	05:45:00	0	4	2.44	64.48	33.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	06:00:00	0	6	0.36	57.08	38.43	4.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	06:15:00	0	6	1.07	62.58	35.15	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	06:30:00	0	8	0.07	49.44	41.67	7.58	1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	06:45:00	0	5	1.70	60.22	35.25	2.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	07:00:00	0	7	0.66	62.43	35.52	1.22	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	07:15:00	0	6	0.03	46.89	45.55	7.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	07:30:00	1	8	0.00	46.85	45.00	7.21	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	07:45:00	1	8	0.00	47.39	45.65	6.32	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	08:00:00	1	9	0.00	29.12	58.03	9.91	2.81	0.11	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	08:15:00	0	7	0.03	26.64	62.43	10.43	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	08:30:00	0	10	4.36	20.90	49.13	22.08	2.66	0.85	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	08:45:00	0	9	34.30	18.65	31.60	13.87	1.48	0.07	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	09:00:00	0	4	85.86	13.47	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	09:15:00	0	3	93.08	6.77	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	09:30:00	0	3	93.26	6.69	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	09:45:00	0	2	94.30	5.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	10:00:00	0	3	93.48	6.43	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	10:15:00	0	4	92.52	7.25	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	10:30:00	0	3	88.82	10.65	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	10:45:00	0	3	90.60	9.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	11:00:00	0	3	89.04	10.65	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	11:15:00	0	3	86.89	12.58	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	11:30:00	0	4	89.82	9.91	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	11:45:00	0	4	87.60	11.91	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	12:00:00	0	9	31.07	9.65	34.18	21.60	2.66	0.81	0.00	0.00	0.00	0.00	0.00	0.00
XAT1	yy/01/04	12:15:00	2	11	0.00	0.92	34.01	39.08	20.31	5.21	0.44	0.00	0.00	0.00	0.00	0.00

Chapter 3: Address Space Reports from SMF Data

This section contains the following topics:

[ERXT0312/EZXT0312: Address Space zIIP CPU Activity](#) (see page 78)

[ERXT0313/EZXT0313: Address Space zAAP CPU Activity](#) (see page 80)

ERXT0312/EZXT0312: Address Space zIIP CPU Activity

This report provides an address space perspective of zIIP processor usage by zIIP and by program name.

zIIP processors are used to offload CPU-intensive work to a special processor that does not "count" as part of the mainframe configuration for assessing software costs. zIIP processors are exploited by DB2. This report shows how effectively zIIP processors are being used by address spaces that utilize the specialized processing unit. This report can also be used to evaluate how much workload is zIIP-eligible to determine if it would be beneficial to redirect activity to zIIP processors.

- The first three numeric columns refer to processing that takes place on a standard (CP) processor. If zIIP-eligible processing is a large proportion of total CP processing, you might want to add zIIP capacity.
- The next two columns show zIIP activity on installed zIIP processors.
- The last column is an estimate of how efficiently the DB2 workload was offloaded to zIIP processors:
 - A high percentage means zIIP capacity is adequate.
 - A low percentage, along with high zIIP-eligible work executing on a CP, means that zIIP capacity is not optimal.

For a detailed explanation of how zIIP and zAAP processors are used, the difference between eligible and qualified time, and the "zIIP Generosity Factor," see a paper called *zIIPs and zAAPs - Understanding Transaction Flows and CPU Measurements* by Peter Enrico in the Proceedings of the 2007 CMG International Conference. CMG members may also find this paper online at www.cmg.org.

1 6/04/07		Address Space zIIP CPU Activity					PAGE 1	
REPORT ID: EZXT0312		----- CP -----			----- zIIP -----			
SYSTEM ID	PROGRAM NAME	Total CP Processor Time	Non-zIIP Eligible CPU Time	TM zIIP on CP	CPU TM on zIIP	Normalized zIIP CPU Time	zIIP Use Percentage	
0 CA31	DSNUTILB	2.96	1.66	1.30	.20	.20	13.33	
		2.14	2.08	.06	.53	.53	89.83	
		2.09	2.03	.06	.99	.99	94.29	
		.36	.35	.01	.51	.51	98.08	
		.36	.35	.01	.02	.02	66.67	
		1.09	.69	.40	1.53	1.53	79.27	
		2.96	1.96	1.00	1.02	1.02	50.50	
		1.13	1.13	.00	.54	.54	100.00	
CA31	DSNUTILB	13.09	10.25	2.84	5.34	5.34		
0 CA31	IEFBR14	1.19	1.19	.00	.20	.20	100.00	
		1.20	.20	1.00	.70	.70	41.18	
		1.20	1.20	.00	.20	.20	100.00	
		1.37	1.37	.00	.38	.38	100.00	
		1.51	1.41	.10	.23	.23	69.70	
		1.54	1.24	.30	1.33	1.33	81.60	
CA31	IEFBR14	8.01	6.61	1.40	3.04	3.04		
0 CA31	IKJEFT01	.11	.11	.00	.67	.67	100.00	
		.29	.29	.00	.22	.22	100.00	
		.29	.29	.00	.34	.34	100.00	
		1.03	1.03	.00	.36	.36	100.00	
		1.26	1.26	.00	.82	.82	100.00	
		1.40	1.10	.30	.23	.23	43.40	
		1.80	1.80	.00	.52	.52	100.00	
		1.89	1.89	.00	.38	.38	100.00	
		2.10	2.10	.00	.55	.55	100.00	
		2.13	1.13	1.00	1.32	1.32	56.90	

ERXT0313/EZXT0313: Address Space zAAP CPU Activity

This report provides an address space perspective of zAAP processor usage by zIIP and by program name.

zAAP processors offload JAVA functions to a specialized processor. The report shows how effectively zAAP processors are being used by address spaces that utilize the specialized processing unit. This report can also be used to evaluate how much workload is zAAP-eligible to determine if it would be beneficial to redirect activity to zAAP processors.

- The first three numeric columns refer to processing that takes place on a standard (CP) processor. If zAAP eligible processing is a large proportion of total CP processing, see if you need to add zAAP capacity.
- The next two columns show zAAP activity on installed zAAP processors.
- The last column is an estimate of how efficiently the JAVA workload was offloaded to zAAP processors:
 - A high percentage means zAAP capacity is adequate.
 - A low percentage, along with high zAAP eligible work executing on a CP, means that zAAP capacity is not optimal.

		CP			zAAP		zAAP	
SYSTEM ID	PROGRAM NAME	Total Processor Time	Non-zAAP Eligible CPU Time	zAAP Eligible CPU Time	TIME ON IFA	Normalized zAAP CPU Time	zAAP Use Percentage	
0 CA31	DSNUTILB	2.96	2.08	.88	1.00	1.00	53.19	
		.36	.36	.00	1.40	1.40	100.00	
		2.14	1.00	1.14	.40	.40	25.97	
		1.09	.77	.32	.22	.22	40.74	
CA31	DSNUTILB	6.55	4.21	2.34	3.02	3.02		
0 CA31	IEFBR14	1.20	.80	2.00	.32	.32	13.79	
		1.51	.37	1.14	1.00	1.00	46.73	
		1.54	1.04	.50	1.00	1.00	66.67	
CA31	IEFBR14	4.25	.61	3.64	2.32	2.32		
0 CA31	IKJEFT01	.29	.13	.16	2.96	2.96	94.87	
		1.40	.40	1.00	.64	.64	39.02	
		2.13	1.13	1.00	.50	.50	33.33	
		1.26	.82	.44	1.40	1.40	76.09	
		2.36	2.20	.16	1.00	1.00	86.21	
		3.39	2.39	1.00	4.00	4.00	80.00	
		3.47	2.47	1.00	1.14	1.14	53.27	
CA31	IKJEFT01	14.30	9.54	4.76	11.64	11.64		
0 CA31	IKJEFT1A	3.37	2.37	1.00	.40	.40	28.57	
		3.50	2.50	1.00	1.00	1.00	50.00	
CA31	IKJEFT1A	6.87	4.87	2.00	1.40	1.40		
0 CA31	IKJEFT1B	171.02	171.02	.00	2.00	2.00	100.00	
CA31	IKJEFT1B	171.02	171.02	.00	2.00	2.00		
0 CA31	PRMINCR	.47	.27	.20	.16	.16	44.44	
CA31	PRMINCR	.47	.27	.20	.16	.16		
0 CA31	PRMINCR	203.46	190.52	12.94	20.54	20.54		
0 CA31	PRMINCR	203.46	190.52	12.94	20.54	20.54		

Chapter 4: Channel Reports

This section contains the following topics:

[ERXT0158/EZXT0158: Channel Path Statistics](#) (see page 82)

[ERXT0216/EZXT0216: Channel Path Stats](#) (see page 84)

ERXT0158/EZXT0158: Channel Path Statistics

This report displays the busy percentage for each channel path in the system (the percentage is only displayed if the channel path was busy during the interval). The type of channel path, and whether or not the path is shared with another system is also displayed.

This report can show if any channel path is excessively busy, and if used in conjunction with the Device Report (ERXT0159/EZXT0159) can help in determining which device or devices might be causing the excessive busy condition.

104/03/04

CHANNEL PATH STATISTICS

PAGE 1

REPORT ID: ERXT0158
SOURCE : SMF 73SYSPLEX: PLEXC1
SYSTEM: XAD1

	CHPID	INTERVALS REPORTED	CHNNL TYPE	SHR	PERCENT BUSY
0	01	86	OSD	Y	
	02	86	OSD	Y	
	03	86	OSD	Y	
	04	86	CNC_S	Y	0.34
	05	86	CNC_S	Y	17.63
	06	86	CNC_S	Y	0.61
	08	86	CNC_S	Y	0.38
	09	86	CNC_S	Y	17.66
	0A	86	CNC_S	Y	0.66
	0B	86	CNC_S	Y	5.90
	0C	86	CNC_S	Y	0.36
	0D	86	CNC_S	Y	1.59
	0E	86	CNC_S	Y	3.00
	0F	86	CNC_S	Y	7.11
	10	86	CNC_S	Y	0.36
	11	86	CNC_S	Y	1.75
	12	86	CNC_S	Y	2.54
	13	86	CNC_S	Y	0.02
	14	86	CNC_S	Y	1.20
	15	86	CNC_S	Y	2.04
	16	86	CNC_S	Y	1.21
	17	86	CNC_S	Y	20.90
	18	86	CNC_S	Y	0.62
	19	86	CNC_S	Y	2.07
	1A	86	CNC_S	Y	1.25
	1D	86	OSD	Y	
	1E	86	OSD	Y	
	1F	86	OSD	Y	
	20	86	CNC_S	Y	1.24
	21	86	CNC_S	Y	2.15
	22	86	CNC_S	Y	0.13
	23	86	CNC_S	Y	0.24
	24	86	OSD	Y	
	25	86	OSD	Y	
	27	86	OSE	Y	
	28	86	CNC_S	Y	0.61
	29	86	CNC_S	Y	2.20
	2A	86	CNC_S	Y	0.16
	2C	86	CNC_S	Y	0.34
	2D	86	CNC_S	Y	1.55
	2E	86	CNC_S	Y	2.87
	2F	86	CNC_?	Y	
	30	86	CNC_S	Y	0.36
	31	86	CNC_S	Y	1.70
	32	86	CNC_S	Y	2.95
	33	86	CNC_S	Y	1.51
	38	86	CNC_S	Y	0.33
	39	86	CNC_S	Y	3.76
	3A	86	CNC_S	Y	2.91
	3B	86	CNC_S	Y	1.48

ERXT0216/EZXT0216: Channel Path Stats

The following is a detail report by SID of busy percentage by the RMF interval.

18/04/yy		CHANNEL PATH STATS				PAGE 1
SYS ID	CHPID	INTRVL DATE	START TIME	PERCENT BUSY	PATH BUSY TIME	
XAD1	22	yy/04/18	00:00:00	0.000	0.00	
XAD1	22	yy/04/18	00:15:00	0.000	0.00	
XAD1	22	yy/04/18	00:30:00	0.000	0.00	
XAD1	22	yy/04/18	00:45:00	0.000	0.00	
XAD1	22	yy/04/18	01:00:00	0.000	0.00	
XAD1	22	yy/04/18	01:15:00	0.000	0.00	
XAD1	22	yy/04/18	01:30:00	10.240	92.16	
XAD1	22	yy/04/18	01:45:00	6.826	61.44	
XAD1	22	yy/04/18	02:00:00	4.551	40.96	
XAD1	22	yy/04/18	02:15:00	0.000	0.00	
XAD1	22	yy/04/18	02:30:00	0.000	0.00	
XAD1	22	yy/04/18	02:45:00	9.112	81.92	
XAD1	22	yy/04/18	03:00:00	1.137	10.24	
XAD1	22	yy/04/18	03:15:00	0.000	0.00	
XAD1	22	yy/04/18	03:30:00	0.000	0.00	
XAD1	22	yy/04/18	03:45:00	18.224	163.84	
XAD1	22	yy/04/18	04:00:00	36.408	327.68	
XAD1	22	yy/04/18	04:15:00	11.390	102.40	
XAD1	22	yy/04/18	04:30:00	5.695	51.20	
XAD1	22	yy/04/18	04:45:00	4.551	40.96	
XAD1	22	yy/04/18	05:00:00	1.139	10.24	
XAD1	22	yy/04/18	05:15:00	0.000	0.00	
XAD1	22	yy/04/18	05:30:00	0.000	0.00	
XAD1	22	yy/04/18	05:45:00	0.000	0.00	
XAD1	22	yy/04/18	06:00:00	0.000	0.00	
XAD1	22	yy/04/18	06:15:00	2.278	20.48	
XAD1	22	yy/04/18	06:30:00	38.684	348.16	
XAD1	22	yy/04/18	06:45:00	10.240	92.16	
XAD1	22	yy/04/18	07:00:00	0.000	0.00	
XAD1	22	yy/04/18	07:15:00	6.834	61.44	
XAD1	22	yy/04/18	07:30:00	30.720	276.48	
XAD1	22	yy/04/18	07:45:00	5.695	51.20	
XAD1	22	yy/04/18	08:00:00	0.000	0.00	
XAD1	22	yy/04/18	08:15:00	5.695	51.20	
XAD1	22	yy/04/18	08:30:00	17.066	153.60	
XAD1	22	yy/04/18	08:45:00	21.641	194.56	
XAD1	22	yy/04/18	09:00:00	13.668	122.88	
XAD1	22	yy/04/18	09:15:00	0.000	0.00	
XAD1	22	yy/04/18	09:30:00	0.000	0.00	
XAD1	22	yy/04/18	09:45:00	0.000	0.00	
XAD1	22	yy/04/18	10:00:00	0.000	0.00	
XAD1	22	yy/04/18	10:15:00	0.000	0.00	
XAD1	22	yy/04/18	10:30:00	0.000	0.00	
XAD1	22	yy/04/18	10:45:00	0.000	0.00	
XAD1	22	yy/04/18	11:00:00	0.000	0.00	
XAD1	22	yy/04/18	11:15:00	0.000	0.00	
XAD1	22	yy/04/18	11:30:00	0.000	0.00	
XAD1	22	yy/04/18	11:45:00	0.000	0.00	
XAD1	22	yy/04/18	12:00:00	0.000	0.00	
XAD1	22	yy/04/18	12:15:00	0.000	0.00	

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Chapter 5: CICS Reports

This section contains the following topics:

[ERXT0299/EZXT0299: CICS Daily Log](#) (see page 86)

[ERXT0343/EZXT0343: CICS Response Apdex Index](#) (see page 87)

[ERXT0344/EZXT0344: CICS Concurrent Transactions](#) (see page 88)

ERXT0299/EZXT0299: CICS Daily Log

The following CMF report shows transaction stats by transaction, terminal, and user.

JAN 16 yy		C I C S D A I L Y L O G						PAGE	1
REPORT ID: ERXT0299		SYSID = XE9E		APPLID = A9EIC331		DATE = yy/01/16			
TRAN	TERM	USERID	AVG WAIT	AVG RESP	TRAN CNT	PCSTGHMM	FCAMCT	TCMSGINN1	TCMSGOU1
ABRW	L905	CICSUSER	0.0000	0.0347	113	348856	720	113	113
ABRW	L905		0.0000	0.0347	113	348856	720	113	113
ABRW			0.0000	0.0347	113	348856	720	113	113
AMNU	L905	CICSUSER	0.0000	0.1947	6	4464	0	6	6
AMNU	L905		0.0000	0.1947	6	4464	0	6	6
AMNU			0.0000	0.1947	6	4464	0	6	6
CEDA	L905	CICSUSER	13.1316	17.6863	7	1706096	9	21	21
CEDA	L905		13.1316	17.6863	7	1706096	9	21	21
CEDA			13.1316	17.6863	7	1706096	9	21	21
CEMT	L905	CICSUSER	23.8413	24.2467	10	1129360	0	53	53
CEMT	L905		23.8413	24.2467	10	1129360	0	53	53
CEMT			23.8413	24.2467	10	1129360	0	53	53
CJSI	L905	CICSUSER	0.0000	0.1251	6	64000	0	6	6
CJSI	L905		0.0000	0.1251	6	64000	0	6	6
CJSI			0.0000	0.1251	6	64000	0	6	6
CSAC	L905	CICSUSER	0.0689	0.4491	4	32608	0	4	4
CSAC	L905		0.0689	0.4491	4	32608	0	4	4
CSAC			0.0689	0.4491	4	32608	0	4	4

ERXT0343/EZXT0343: CICS Response Apdex Index

This report measures user response to transactions in a and understandable table.

Apdex is a numerical measure of user satisfaction with the performance of enterprise applications that reflects the effectiveness of IT investment. (See <http://www.apdex.org> for a detailed Apdex specification.)

The Apdex index divides user response into three categories:

- those that meet expectation (satisfied_count)
- those that are visibly slow, but tolerable (tolerating_count)
- those that frustrate users (frustrated_count)

The Apdex formula is as follows:

$$\text{APDEX} = (\text{satisfied_count} + (0.5 * \text{tolerating_count}) + (0 * \text{frustrated_count})) / \text{total_samples}$$

The values of Apdex vary from 0, where no users are satisfied, to 1, where all users are satisfied.

START DATE	Hour	Transn Type	Apdex	TALLY
07/03/21	10	Convrstnal		4
07/03/21	10	PseudoConv	1.00	35
07/03/21	10		.94	39
07/03/21	11	PseudoConv	.93	8
07/03/21	11		.93	8
07/03/21	12	PseudoConv		1
07/03/21	12			1
07/03/21	13	Convrstnal		2
07/03/21	13	PseudoConv		1
07/03/21	13			3
07/03/21	14	Convrstnal		1
07/03/21	14	PseudoConv	1.00	26
07/03/21	14		1.00	27
07/03/21			.94	78
07/05/08	10	Convrstnal	.70	34
07/05/08	10	PseudoConv	.78	32
07/05/08	10		.74	66
07/05/08	11	Convrstnal	.62	12
07/05/08	11	PseudoConv	.90	26
07/05/08	11		.81	38
07/05/08	14	Convrstnal	.20	5
07/05/08	14	PseudoConv	1.00	7
07/05/08	14		.66	12
07/05/08	15	Convrstnal	.66	6
07/05/08	15	PseudoConv	1.00	47
07/05/08	15		.96	53
07/05/08			.82	169
07/05/08			.86	247

ERXT0344/EZXT0344: CICS Concurrent Transactions

This report shows the start time and duration of CICS transactions. From this data, you can derive transaction concurrency.

The sample report determines the number of concurrent CICS transactions running in an RMF-like interval. A spike in concurrent transactions may indicate a performance problem. If some event has occurred (such as a bad transaction issuing a z/OS WAIT SVC), the number of concurrent transactions will increase on successive intervals until the event clears.

Note: Concurrency calculated by CA JARS will be slightly higher than concurrency calculated from CA MICS data due to rounding.

1 6/21/07		CICS Concurrent Transactions		PAGE	1
REPORT ID: EZXT0344					
Interval Date	Interval Time	Concurrent Transactions	Transactions this Interval		
05/03/14	08:15:00	2.081918	8		
05/03/14	08:30:00	5.028981	6		
05/03/14	08:45:00	5.037655	7		
05/03/14	09:00:00	5.340672	8		
05/03/14	09:15:00	5.999374	8		
05/03/14	09:30:00	5.246827	10		
05/03/14	09:45:00	5.000486	6		
05/03/14	10:00:00	5.000000	5		
05/03/14	10:15:00	4.969008	38		
05/03/14	10:30:00	5.000003	6		
05/03/14	10:45:00	4.999491	6		
05/03/14	11:00:00	5.000000	5		
05/03/14	11:15:00	4.765495	35		
05/03/14	11:30:00	5.000000	5		
05/03/14	11:45:00	4.999762	6		
05/03/14	12:00:00	5.000000	5		
05/03/14	12:15:00	4.999806	7		
05/03/14	12:30:00	5.000000	5		
05/03/14	12:45:00	4.693781	34		
05/03/14	13:00:00	5.389392	61		
05/03/14	13:15:00	5.204755	16		
05/03/14	13:30:00	4.999811	13		
05/03/14	13:45:00	5.021058	22		
05/03/14	14:00:00	4.999375	7		
05/03/14	14:15:00	5.000000	5		
05/03/14	14:30:00	5.008888	6		
05/03/14	14:45:00	5.146949	63		
05/03/14	15:00:00	5.000202	6		
05/03/14	15:15:00	2.061956	11		
05/03/14	15:30:00	.059195	17		
05/03/14	16:00:00	.037206	17		
05/03/15	09:15:00	.025487	17		
05/03/15	11:15:00	.113045	34		
05/03/15	11:30:00	.025753	17		
05/03/15	11:45:00	.032076	17		
05/03/15	12:00:00	1.355006	26		
05/03/15	12:15:00	2.061187	14		
05/03/15	12:30:00	1.891109	49		
05/03/15	12:45:00	1.045846	5		
05/03/15	13:00:00	1.000000	1		
05/03/15	13:15:00	1.000037	4		
05/03/15	13:30:00	1.000000	2		
05/03/15	13:45:00	1.000000	1		
05/03/15	14:00:00	1.000000	1		
05/03/15	14:15:00	4.855412	66		
05/03/15	14:30:00	1.178487	11		
05/03/15	14:45:00	1.000000	1		
05/03/15	15:00:00	1.000000	1		
05/03/15	15:15:00	1.000000	1		
05/03/15	15:30:00	1.000471	2		
05/03/15	15:45:00	1.000000	1		
05/03/15	16:00:00	1.000000	1		

Chapter 6: Configuration Reports

This section contains the following topics:

[ERXT0102/EZXT0102: IPL Information List](#) (see page 91)

[ERXT0227/EZXT0227: Job Measured Usage](#) (see page 91)

[ERXT0228/EZXT0228: System Measured Usage](#) (see page 92)

[ERXT0329/EZXT0329: State Data from MVS Register Service](#) (see page 93)

ERXT0102/EZXT0102: IPL Information List

This report provides IPL record dates and times.

02/28/yy	IPL INFORMATION LIST	PAGE	1
REPORT ID: ERXT0102			
RECDATE	RECTIME	VIRT STOR(K)	REAL STOR(K)

IPL ON yy/01/13 AT 18:58:27	V-SIZE =	2097152	R-SIZE = 376832
END OF REPORT			

ERXT0227/EZXT0227: Job Measured Usage

This report shows task measured-usage with CPU time used in the measured product.

10/01/yy	JOB MEASURED USAGE							PAGE	1
SYS ID	JOB NAME	RECDATE	RECTIME	PRODUCT NAME	PRODUCT ID	PRODUCT CPU	PRODUCT ACCOUNT SRB CODES	TASK TYPE	

HP91	AKI0L01	yy/01/05	14:34:26	TS0/E	5685-025	6.08	0.42 42700000	T	
HP91	BALJ003	yy/01/05	11:42:53	TS0/E	5685-025	5.59	0.24 40100000J.BALDWIN	T	
HP91	BALJ003	yy/01/05	18:00:33	TS0/E	5685-025	20.63	2.25 40100000J.BALDWIN	T	
HP91									
END OF REPORT									

ERXT0228/EZXT0228: System Measured Usage

This report shows CPU usage over an RMF interval.

30/09/yy		SYSTEM MEASURED USAGE								PAGE 1
SYS ID	PRODUCT NAME	RECDATE	RECTIME	PRODUCT VERSION	PRODUCT CPU	PRODUCT SRB	CPC TYPE	CPC MODEL	CPU RELATIVE POWER	
XE09	z/OS	03/07/16	00:29:38	01.04.00	5.68	0.36	002064	108	3712	
XE09	z/OS	03/07/16	00:59:38	01.04.00	5.38	0.33	002064	108	3712	
XE09	z/OS	03/07/16	01:29:38	01.04.00	5.25	0.29	002064	108	3712	
XE09	z/OS	03/07/16	01:59:38	01.04.00	5.29	0.27	002064	108	3712	
XE09	z/OS	03/07/16	02:29:38	01.04.00	5.23	0.25	002064	108	3712	
XE09	z/OS	03/07/16	02:59:38	01.04.00	5.23	0.27	002064	108	3712	
XE09	z/OS	03/07/16	03:29:38	01.04.00	5.18	0.23	002064	108	3712	
XE09	z/OS	03/07/16	03:59:38	01.04.00	5.48	0.29	002064	108	3712	
XE09	z/OS	03/07/16	04:29:38	01.04.00	5.96	0.31	002064	108	3712	
XE09	z/OS	03/07/16	04:59:38	01.04.00	7.94	0.41	002064	108	3712	
XE09	z/OS	03/07/16	05:29:38	01.04.00	7.84	0.44	002064	108	3712	
XE09	z/OS	03/07/16	05:59:38	01.04.00	6.12	0.31	002064	108	3712	
XE09	z/OS	03/07/16	06:29:38	01.04.00	6.21	0.29	002064	108	3712	
XE09	z/OS	03/07/16	06:59:38	01.04.00	6.25	0.31	002064	108	3712	
XE09	z/OS	03/07/16	07:29:38	01.04.00	8.66	0.47	002064	108	3712	
XE09	z/OS	03/07/16	07:59:38	01.04.00	5.00	0.22	002064	108	3712	
XE09	z/OS	03/07/16	08:29:38	01.04.00	8.42	0.44	002064	108	3712	
XE09	z/OS	03/07/16	08:59:38	01.04.00	8.81	0.45	002064	108	3712	
XE09	z/OS	03/07/16	09:29:38	01.04.00	9.37	0.46	002064	108	3712	
XE09	z/OS	03/07/16	09:59:38	01.04.00	8.07	0.43	002064	108	3712	
XE09	z/OS	03/07/16	10:29:38	01.04.00	10.85	0.59	002064	108	3712	
XE09	z/OS	03/07/16	10:59:38	01.04.00	9.95	0.61	002064	108	3712	
XE09	z/OS	03/07/16	11:29:38	01.04.00	10.05	0.55	002064	108	3712	
XE09	z/OS	03/07/16	11:59:38	01.04.00	5.29	0.28	002064	108	3712	
XE09	z/OS	03/07/16	12:29:38	01.04.00	7.98	0.38	002064	108	3712	
XE09	z/OS	03/07/16	12:59:38	01.04.00	7.74	0.42	002064	108	3712	
XE09	z/OS	03/07/16	13:29:38	01.04.00	14.10	0.78	002064	108	3712	
XE09	z/OS	03/07/16	13:59:38	01.04.00	7.69	0.44	002064	108	3712	
XE09	z/OS	03/07/16	14:29:38	01.04.00	9.25	0.50	002064	108	3712	
XE09	z/OS	03/07/16	14:59:38	01.04.00	11.65	0.63	002064	108	3712	
XE09	z/OS	03/07/16	15:29:38	01.04.00	10.80	0.75	002064	108	3712	
XE09	z/OS	03/07/16	15:59:38	01.04.00	10.13	0.72	002064	108	3712	
XE09	z/OS	03/07/16	16:29:38	01.04.00	7.04	0.40	002064	108	3712	
XE09	z/OS	03/07/16	16:59:38	01.04.00	6.96	0.40	002064	108	3712	
XE09	z/OS	03/07/16	17:29:38	01.04.00	12.92	0.83	002064	108	3712	
XE09	z/OS	03/07/16	17:59:38	01.04.00	8.03	0.45	002064	108	3712	
XE09	z/OS	03/07/16	18:29:38	01.04.00	14.96	0.96	002064	108	3712	
XE09	z/OS	03/07/16	18:59:38	01.04.00	12.98	0.82	002064	108	3712	
XE09	z/OS	03/07/16	19:29:38	01.04.00	13.04	1.01	002064	108	3712	
XE09	z/OS	03/07/16	19:59:38	01.04.00	11.75	0.45	002064	108	3712	
XE09	z/OS	03/07/16	20:29:38	01.04.00	5.44	0.25	002064	108	3712	
XE09	z/OS	03/07/16	20:59:38	01.04.00	8.03	0.36	002064	108	3712	
XE09	z/OS	03/07/16	21:29:38	01.04.00	7.30	0.43	002064	108	3712	
XE09	z/OS	03/07/16	21:59:38	01.04.00	8.08	0.38	002064	108	3712	
XE09	z/OS	03/07/16	22:29:38	01.04.00	5.11	0.24	002064	108	3712	
XE09	z/OS	03/07/16	22:59:38	01.04.00	5.32	0.27	002064	108	3712	
XE09	z/OS	03/07/16	23:29:38	01.04.00	5.20	0.28	002064	108	3712	
XE09	z/OS	03/07/16	23:59:38	01.04.00	5.23	0.27	002064	108	3712	
XE09	CICS	03/07/16	00:29:38	V1 R2.0	0.69	0.12	002064	108	3712	

ERXT0329/EZXT0329: State Data from MVS Register Service

This report shows detail records of products and features from IFAPRDxx data. This data is necessary to audit IBM's usage accounting.

1 9/01/yy		STATE DATA FROM MVS REGISTER SERVICE										PAGE 1
SYSTEM ID	INTRVL DATE	INTVL END TIME	PRODUCT OWNER	PRODUCT NAME	FEATURE NAME	PRODUCT VERSION	PRODUCT RELEASE	PRODUCT MOD	PRODUCT LEVEL	PRODUCT ID	FLAGS	
0 XAD1	03/07/08	10:29:38	Computer Assoc.	CA SYSVIEW	AgentMqs	07	06	00		GSVX-NM4	136	
		10:29:38	Computer Assoc.	CA SYSVIEW	ServerSchedule	07	06	00		GSVX-NM4	136	
		10:29:38	IBM CORP	Z/OS	TCP/IP CICS	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	HI LVL ASSEMBLER	TOOLKIT DEBUGGER	*	*	*		5696-234	68	
		10:29:38	IBM CORP	IBM PL/I MVS/VM	PL/I-DEBUG	*	*	*		5688-235	68	
		10:29:38	IBM CORP	IBM COBOL OS/390	COBOL-DEBUG	*	*	*		5648-A25	68	
		10:29:38	IBM CORP	Z/OS	TOOLKIT DEBUGGER	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	DCF	DCF	*	*	*		5748-XX9	68	
		10:29:38	IBM CORP	Z/OS	TCP/IP IMS	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	BOOKMGR BUILD	*	*	*		5694-A01	4	
		10:29:38	IBM CORP	Z/OS	GDDM-REXX	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	RMF	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	SECURITY SERVER	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	TCP/IP BASE	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	SDSF	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	INFOPRINT SERVER	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	JES3	*	*	*		5694-A01	4	
		10:29:38	IBM CORP	Z/OS	HCM	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	DFSMESHM	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	DFSORT	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	GDDM-PGF	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	DFSMRMM	*	*	*		5694-A01	4	
		10:29:38	IBM CORP	Z/OS	C/C++/DEBUG	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	DFSMDS5	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	C/C++	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	DFSMESHM	*	*	*		5694-A01	72	
		10:29:38	IBM CORP	Z/OS	TCP/IP BASE	*	*	*		5694-A01	72	
		10:29:38	IBM CORP	Z/OS	BDTFTF	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	BDTNJE	*	*	*		5694-A01	4	
		10:29:38	IBM CORP	Z/OS	Z/OS	*	*	*		5694-A01	68	
		10:29:38	IBM CORP	Z/OS	RMF	*	*	*		5694-A01	72	
		10:29:38	IBM CORP	Z/OS	SDSF	*	*	*		5694-A01	72	
		10:29:38	IBM CORP	Z/OS	JES2	01	04	00		5694-A01	136	

Chapter 7: Coupling Reports

This section contains the following topics:

- [ERXT0160/EZXT0160: XCF Activity - Signals Sent/Received](#) (see page 95)
- [ERXT0161/EZXT0161: XCF Activity - System Request Summary](#) (see page 96)
- [ERXT0162/EZXT0162: XCF Path Activity](#) (see page 97)
- [ERXT0163/EZXT0163: Coupling Facility CPU Utilization Percentage](#) (see page 98)
- [ERXT0164/EZXT0164: Coupling Facility Request Summary](#) (see page 99)
- [ERXT0165/EZXT0165: Coupling Facility Storage Summary](#) (see page 100)
- [ERXT0166/EZXT0166: Coupling Facility Structure Performance](#) (see page 101)
- [ERXT0229/EZXT0229: XCF Message Traffic](#) (see page 103)
- [ERXT0230/EZXT0230: XCF Path Message Traffic](#) (see page 104)
- [ERXT0231/EZXT0231: XCF Path Message Traffic](#) (see page 105)
- [ERXT0232/EZXT0232: Coupling CPU Usage](#) (see page 106)
- [ERXT0233/EZXT0233: Local Coupling Facility Stats](#) (see page 107)
- [ERXT0234/EZXT0234: Local Coupling Facility Storage Stats](#) (see page 108)
- [ERXT0235/EZXT0235: Coupling Facility Structure Stats](#) (see page 109)

ERXT0160/EZXT0160: XCF Activity - Signals Sent/Received

This report shows XCF message traffic in a system within a sysplex. Each member in an XCF group is reported on, and the inbound and outbound messages relating to the local system are reported on.

This report can be used to determine if a given member in an XCF group may be issuing too many messages in comparison to the other members in the group. It can also be used to see if there is a better way to place the components of a multisystem application.

104/03/yy		XCF ACTIVITY - SIGNALS SENT/RECEIVED		PAGE 1	
REPORT ID: ERXT0160		SYSPLEX:		PLEXC1	
SOURCE : SMF 74-2		SYSTEM:		XAD1	
GROUP NAME	MEMBER NAME	SYS NAME	SIGNALS SENT	SIGNALS RECEIVED	
0	COFVLFNO	CA11	2682	1551	
	COFVLFNO	CA31	2261	1527	
	COFVLFNO	CA71	210	1551	
	COFVLFNO	XAD1	12289	8598	
	COFVLFNO	XAE1	654	1393	
	COFVLFNO	XAL1	1286	1551	
	COFVLFNO	XE21	150	1551	
	COFVLFNO	XE44	948	1552	
	COFVLFNO	XE61	343	1551	
	COFVLFNO		20823	20825	

ERXT0161/EZXT0161: XCF Activity - System Request Summary

This report shows the number of messages sent to and from a system in the sysplex, broken out by transport class. For each transport class, the buffer size is shown, as well as the percentage of the sent messages that met four criteria (message too small, message fit, message too big, and message overflow). These percentages can help in setting up buffer sizes for the transport classes, as well as determining if additional transport classes are needed.

104/03/yy			XCF ACTIVITY - SYSTEM REQUEST SUMMARY					PAGE 1	
REPORT ID: ERXT0161			SYSPLEX:		PLEXC1				
SOURCE : SMF 74-2			SYSTEM:		XAD1				
SYSTEM NAME	TRANSPORT CLASS	BUFFER LENGTH	REQ OUT	REQ LOCAL	% SML	% FIT	% BIG	% OVR	
0	CA11	DEFAULT OUT	4028		67.94	0.08	16.38	15.58	
	CA31	DEFAULT OUT	4028		68.30	0.10	15.84	15.74	
	CA71	DEFAULT OUT	4028	3444031	64.03	0.21	25.93	9.81	
	XAD1	DEFAULT LCL	4028	1063					
	XAE1	DEFAULT OUT	4028	48215	66.17	0.10	17.21	16.50	
	XAL1	DEFAULT OUT	4028	226027	92.05	1.02	3.46	3.45	
	XE21	DEFAULT OUT	4028	74152	47.64	9.92	23.23	19.19	
	XE44	DEFAULT OUT	4028	1090140	96.64	0.76	1.32	1.27	
	XE61	DEFAULT OUT	4028	66964	66.86	0.06	17.61	15.45	
			-----	-----					
			4028	5053270	1063	72.24	0.50	19.18	8.08
			-----	-----	-----	-----	-----	-----	
			4028	5053270	1063	72.24	0.50	19.18	8.08
104/03/yy			XCF ACTIVITY - SYSTEM REQUEST SUMMARY					PAGE	
REPORT ID: ERXT0161			SYSPLEX:		PLEXC1				
SOURCE : SMF 74-2			SYSTEM:		XAD1				
SYSTEM NAME	TRANSPORT CLASS	BUFFER LENGTH	REQ OUT	REQ LOCAL	% SML	% FIT	% BIG	% OVR	
0	GRAND TOTAL		-----	-----					
			4028	5053270	1063	72.24	0.50	19.18	8.08
1 REPORT RECORDS READ			LINES PRINTED						
1 774			36						
-**** REPORT PHASE ENDED									

ERXT0162/EZXT0162: XCF Path Activity

This report lists all XCF paths into and out of a system, whether they are channel-to-channel adapters (CTCAs) or coupling facility structures. The report lists the path definition (which is the structure name or the device addresses on both the local system and the remote system) as well as the transport class for the path. The number of messages sent and/or received for each path (CTCA paths are one way, CF structure paths are bidirectional), the average queue length, and the times a path was selected when it was busy versus when it was not busy.

With this, a path that is causing a bottleneck can be seen if the average queue length is very high.

104/03/yy		XCF PATH ACTIVITY		PAGE 2	
REPORT ID: ERXT0162		SYSPLEX: PLEXC1			
SOURCE : SMF 74-2		SYSTEM: XAD1			
DIR PARTNER	PATH DEFINITION	NUMBER OF PATH SIGNALS	AVG. Q LN	NOT BUSY SELECTED	BUSY SELECTED
00OUT CA11	S IXCSTR_001	29162	0.02	28924	238
OUT CA11	S IXCSTR_002	20503	0.02	20289	214
OUT CA31	S IXCSTR_001	18081	0.93	17749	332
OUT CA31	S IXCSTR_002	25560	0.98	25217	343
OUT CA71	S IXCSTR_001	1472129	0.13	1469435	2694
OUT CA71	S IXCSTR_002	1636740	0.14	1632186	4554
OUT XAE1	S IXCSTR_001	18055	0.03	17891	164
OUT XAE1	S IXCSTR_002	24812	0.02	24630	182
OUT XAL1	S IXCSTR_001	150910	0.03	150664	246
OUT XAL1	S IXCSTR_002	70252	0.02	70062	190
OUT XE21	S IXCSTR_001	25037	0.04	24896	141
OUT XE21	S IXCSTR_002	37695	0.04	37464	231
OUT XE44	S IXCSTR_001	519375	0.04	519105	270
OUT XE44	S IXCSTR_002	559879	0.04	559516	363
OUT XE61	S IXCSTR_001	37768	0.03	37514	254
OUT XE61	S IXCSTR_002	21773	0.03	21546	227
OUT		4667731	0.16	4657088	10643
		11351057	0.08	4657088	10643
		11351057	0.08	4657088	10643
104/03/yy		XCF PATH ACTIVITY		PAGE 3	
REPORT ID: ERXT0162		SYSPLEX: PLEXC1			
SOURCE : SMF 74-2		SYSTEM: XAD1			
DIR PARTNER	PATH DEFINITION	NUMBER OF PATH SIGNALS	AVG. Q LN	NOT BUSY SELECTED	BUSY SELECTED
0					
GRAND TOTAL		11351057	0.08	4657088	10643
1 REPORT	RECORDS READ	LINES PRINTED			
1	2734	74			
-**** REPORT PHASE ENDED 0.10 SECONDS.					

ERXT0163/EZXT0163: Coupling Facility CPU Utilization Percentage

This report shows the busy percentage for each CPU in a coupling facility (either a physical CF, or one operating in an LPAR). This shows whether or not the CF is getting enough processor resources to function effectively. If the percentages of the processor are very high, another processor might be added to the CF.

104/03/yy		COUPLING FACILITY CPU UTILIZATION PERCENTAGE		PAGE	1
REPORT ID: ERXT0163		SYSPLEX: PLEXC1			
SOURCE : SMF 74-4		CF NAME: COUPLET1			
CPU NUMBER	INTERVALS RECORDED	CPU BUSY TIME (SEC)	PERCENT BUSY		
0	85	2647.586272	9.00		
	85	2647.586272	9.00		
	85	2647.586272	9.00		
104/03/yy		COUPLING FACILITY CPU UTILIZATION PERCENTAGE		PAGE	2
REPORT ID: ERXT0163		SYSPLEX: PLEXC1			
SOURCE : SMF 74-4		CF NAME: COUPLET1			
CPU NUMBER	INTERVALS RECORDED	CPU BUSY TIME (SEC)	PERCENT BUSY		
0	85	2647.586272	9.00		
GRAND TOTAL	85	2647.586272	9.00		
1	REPORT	RECORDS READ	LINES PRINTED		
	1	85	28		
-**** REPORT PHASE ENDED					

ERXT0164/EZXT0164: Coupling Facility Request Summary

This report shows the number and rate of requests to each structure in a coupling facility. The failure percentage is also shown.

This report can be used to determine if there is a structure that is not being used effectively, or, in the case of a lock structure, if there is a problem in the application using the structure that is causing multiple contentions.

It also shows if there is a structure or application that is causing errors in the CF. Errors in many structures could be an indication of a physical error in the CF.

104/03/yy		COUPLING FACILITY REQUEST SUMMARY						PAGE 1	
REPORT ID: ERXT0164		SYSPLEX:		PLEXC1					
SOURCE : SMF 74-4		SYSTEM:		XAD1					
COUPLING NAME	TOTAL REQUESTS	REQUESTS PER SEC.	UNSUCCESS REQUESTS	FAILURE PERCENT	SUBCHAN DEFINED	SUBCHAN USED	PATHS AVAILABLE	PATH INSTALLE	
0COUPLT1	21764949	287.89	0	0.00	14	3	192	192	
104/03/yy		COUPLING FACILITY REQUEST SUMMARY						PAGE 2	
REPORT ID: ERXT0164		SYSPLEX:		PLEXC1					
SOURCE : SMF 74-4		SYSTEM:		XAD1					
COUPLING NAME	TOTAL REQUESTS	REQUESTS PER SEC.	UNSUCCESS REQUESTS	FAILURE PERCENT	SUBCHAN DEFINED	SUBCHAN USED	PATHS AVAILABLE	PATH INSTALLE	
0									
GRAND TOTAL	21764949	287.89	0	0.00	14	3	192	192	
1 REPORT RECORDS READ		LINES PRINTED							
1 85		22							
-**** REPORT PHASE ENDED									

ERXT0165/EZXT0165: Coupling Facility Storage Summary

This report summarizes the storage use by each coupling facility. The amount of storage used for structures, dumping, and control are reported for each CF in the sysplex.

This report can be used to manage the amount of storage that is used for each purpose, and to make sure that the structures in the CF have sufficient memory for effective operation.

104/03/yy		COUPLING FACILITY STORAGE SUMMARY					PAGE 1	
REPORT ID: ERXT0165		SYSPLEX:		PLEXC1				
SOURCE : SMF 74-4								
PLEASE NOTE: ALL STORAGE VALUES ARE IN 4K PAGES								

COUPLING NAME	STRUCT STG DEF	STRUCT STG USED	DUMP SPC ALLOC	TOTAL CF STORAGE	CONTROL STG DEF	CONTROL STG ALC %		

0	COUplet1	507776	134049	1024	508800	508800	26.54	
104/03/yy		COUPLING FACILITY STORAGE SUMMARY					PAGE 2	
REPORT ID: ERXT0165		SYSPLEX:		PLEXC1				
SOURCE : SMF 74-4								
PLEASE NOTE: ALL STORAGE VALUES ARE IN 4K PAGES								

COUPLING NAME	STRUCT STG DEF	STRUCT STG USED	DUMP SPC ALLOC	TOTAL CF STORAGE	CONTROL STG DEF	CONTROL STG ALC %		

0	GRAND TOTAL	507776	134049	1024	508800	508800	26.54	
1 REPORT		RECORDS READ	LINES PRINTED					
1		85	26					
-**** REPORT PHASE ENDED								

ERXT0166/EZXT0166: Coupling Facility Structure Performance

This report shows, for each structure in a coupling facility, the number of requests, and the average response time. The response time statistics are broken out further into synchronous and asynchronous requests. This information can be used to determine which structures are responding effectively and which ones might benefit from some changes (being moved to a different CF, being resized, and so on).

104/03/yy		COUPLING FACILITY STRUCTURE PERFORMANCE					PAGE 1
REPORT ID: ERXT0166		SYSPLEX: UTCPLXJ8					
SOURCE : SMF 74-4		CF NAME: CFX					
STRUCTURE NAME	TYPE	STRUCTURE SIZE (4K)	COUNT SYNC REQS	SYNC REQ. TIME (SEC)	COUNT ASYNC REQS	ASYNC REQ. TIME (SEC)	
0 IMSOSAMCACHE	CACHE	256	15871		0		
			15871		0		
104/03/yy		COUPLING FACILITY STRUCTURE PERFORMANCE					PAGE 2
REPORT ID: ERXT0166		SYSPLEX: UTCPLXJ8					
SOURCE : SMF 74-4		CF NAME: CFY					
STRUCTURE NAME	TYPE	STRUCTURE SIZE (4K)	COUNT SYNC REQS	SYNC REQ. TIME (SEC)	COUNT ASYNC REQS	ASYNC REQ. TIME (SEC)	
0 IRLMLOCKTBL	LOCK	256	214900	0.000678	46478	41409.158964	
			214900		46478		
104/03/yy		COUPLING FACILITY STRUCTURE PERFORMANCE					PAGE 3
REPORT ID: ERXT0166		SYSPLEX: UTCPLXJ8					
SOURCE : SMF 74-4		CF NAME: CF1					
STRUCTURE NAME	TYPE	STRUCTURE SIZE (4K)	COUNT SYNC REQS	SYNC REQ. TIME (SEC)	COUNT ASYNC REQS	ASYNC REQ. TIME (SEC)	
0 CSLRMGR_TEST	LIST	2000	0		0		
HSA_LOG	LIST	2000	1		0		
			1		0		
104/03/yy		COUPLING FACILITY STRUCTURE PERFORMANCE					PAGE 4
REPORT ID: ERXT0166		SYSPLEX: UTCPLXJ8					
SOURCE : SMF 74-4		CF NAME: CF2					
STRUCTURE NAME	TYPE	STRUCTURE SIZE (4K)	COUNT SYNC REQS	SYNC REQ. TIME (SEC)	COUNT ASYNC REQS	ASYNC REQ. TIME (SEC)	
0 MQGPCICS	LIST	5120	0		0		
SYSZWLM_B52A2084	CACHE	15000	0		0		
			0		0		
104/03/yy		COUPLING FACILITY STRUCTURE PERFORMANCE					PAGE 5
REPORT ID: ERXT0166		SYSPLEX: UTCPLXJ8					
SOURCE : SMF 74-4		CF NAME: CF3					
STRUCTURE NAME	TYPE	STRUCTURE SIZE (4K)	COUNT SYNC REQS	SYNC REQ. TIME (SEC)	COUNT ASYNC REQS	ASYNC REQ. TIME (SEC)	
0 MQGPCICS	LIST	5120	0		0		
			0		0		
104/03/yy		COUPLING FACILITY STRUCTURE PERFORMANCE					PAGE 6
REPORT ID: ERXT0166		SYSPLEX: UTCPLXJ8					
SOURCE : SMF 74-4		CF NAME: CF3					

STRUCTURE NAME	TYPE	STRUCTURE SIZE (4K)	COUNT SYNC REQS	SYNC REQ. TIME (SEC)	COUNT ASYNC REQS	ASYNC REQ. TIME (SEC)

0						
GRAND TOTAL			230772		46478	

ERXT0229/EZXT0229: XCF Message Traffic

This XCF report shows system level information.

10/01/yy		XCF MESSAGE TRAFFIC							PAGE	1
SYS ID	RECDATE	RECTIME	SYSTEM NAME	MESSAGE DIRECTION	MAX MSG SPACE(K)	NO BIG MESSAGE	NO MSG FITS	NO SMALL MESSAGE	TRANSPORT CLASS	
XE96	yy/10/13	07:30:00	XE96	*RES*	500	0	0	0	DEFAULT	
XE96	yy/10/13	07:45:00	XE96	*RES*	500	0	0	0	DEFAULT	
XE96	yy/10/13	08:00:07	XE96	*RES*	500	0	0	0	DEFAULT	
XE96	yy/10/13	08:15:03	XE96	*RES*	500	0	0	0	DEFAULT	
XE96	yy/10/13	08:30:02	XE96	*RES*	500	0	0	0	DEFAULT	
XE96	yy/10/13	08:45:01	XE96	*RES*	500	0	0	0	DEFAULT	
XE96	yy/10/13	09:00:05	XE96	*RES*	500	0	0	0	DEFAULT	
XE96	yy/10/13	09:15:01	XE96	*RES*	500	0	0	0	DEFAULT	
XE96	yy/10/13	09:30:06	XE96	*RES*	500	0	0	0	DEFAULT	
XE96										
END OF REPORT										
REPORT	RECORDS READ	LINES PRINTED								
1	9	20								
**** REPORT PHASE ENDED 0.10 SECONDS.										

ERXT0230/EZXT0230: XCF Path Message Traffic

This XCF report shows paths and path-level information.

16/01/yy		XCF PATH MESSAGE TRAFFIC							PAGE	1
SYS ID	RECDATE	RECTIME	SYSTEM NAME	MESSAGE DIRECTION	PARTNER SYSTEM	NUMBER OF PATH SIGNALS	NOT BUSY SELECTED	BUSY SELECTED	TRANSPORT CLASS	
HP91	yy/01/13	15:54:52	HP91	INBOUND FROM	HP97	3070	0	0		
HP91	yy/01/13	15:54:52	HP91	OUTBOUND TO	HP97	31789	31789	0	DEFAULT	
HP91	yy/01/13	15:54:52	HP91	INBOUND FROM	HP97	3053	0	0		
HP91	yy/01/13	15:54:52	HP91	OUTBOUND TO	HP97	31049	31048	1	DEFAULT	
HP91	yy/01/13	15:54:52	HP91	INBOUND FROM	HP94	32110	0	0		
HP91	yy/01/13	15:54:52	HP91	OUTBOUND TO	HP94	1573	1573	0	DEFAULT	
HP91	yy/01/13	15:54:52	HP91	INBOUND FROM	HP94	33292	0	0		
HP91	yy/01/13	15:54:52	HP91	OUTBOUND TO	HP94	1360	1359	1	DEFAULT	
HP91	yy/01/13	15:54:52	HP91	INBOUND FROM	HP92	2631	0	0		
HP91	yy/01/13	15:54:52	HP91	OUTBOUND TO	HP92	1048	1048	0	DEFAULT	
HP91	yy/01/13	15:54:52	HP91	INBOUND FROM	HP92	2832	0	0		
HP91	yy/01/13	15:54:52	HP91	OUTBOUND TO	HP92	1556	1556	0	DEFAULT	
HP91	yy/01/13	16:54:52	HP91	INBOUND FROM	HP92	2550	0	0		
HP91	yy/01/13	16:54:52	HP91	OUTBOUND TO	HP92	1311	1311	0	DEFAULT	
HP91	yy/01/13	16:54:52	HP91	INBOUND FROM	HP92	2978	0	0		
HP91	yy/01/13	16:54:52	HP91	OUTBOUND TO	HP92	1488	1488	0	DEFAULT	
HP91	yy/01/13	16:54:52	HP91	INBOUND FROM	HP97	3020	0	0		
HP91	yy/01/13	16:54:52	HP91	OUTBOUND TO	HP97	31812	31812	0	DEFAULT	
HP91	yy/01/13	16:54:52	HP91	INBOUND FROM	HP97	3076	0	0		
HP91	yy/01/13	16:54:52	HP91	OUTBOUND TO	HP97	30934	30934	0	DEFAULT	
HP91	yy/01/13	16:54:52	HP91	INBOUND FROM	HP94	31949	0	0		
HP91	yy/01/13	16:54:52	HP91	OUTBOUND TO	HP94	1566	1566	0	DEFAULT	
HP91	yy/01/13	16:54:52	HP91	INBOUND FROM	HP94	33320	0	0		
HP91	yy/01/13	16:54:52	HP91	OUTBOUND TO	HP94	1303	1303	0	DEFAULT	
HP91	yy/01/13	17:54:52	HP91	INBOUND FROM	HP94	31782	0	0		
HP91	yy/01/13	17:54:52	HP91	OUTBOUND TO	HP94	1726	1726	0	DEFAULT	
HP91	yy/01/13	17:54:52	HP91	INBOUND FROM	HP94	33586	0	0		
HP91	yy/01/13	17:54:52	HP91	OUTBOUND TO	HP94	1177	1177	0	DEFAULT	
HP91	yy/01/13	17:54:52	HP91	INBOUND FROM	HP92	2635	0	0		
HP91	yy/01/13	17:54:52	HP91	OUTBOUND TO	HP92	988	988	0	DEFAULT	
HP91	yy/01/13	17:54:52	HP91	INBOUND FROM	HP92	2871	0	0		
HP91	yy/01/13	17:54:52	HP91	OUTBOUND TO	HP92	1601	1601	0	DEFAULT	
HP91	yy/01/13	17:54:52	HP91	INBOUND FROM	HP97	3022	0	0		
HP91	yy/01/13	17:54:52	HP91	OUTBOUND TO	HP97	31932	31931	1	DEFAULT	
HP91	yy/01/13	17:54:52	HP91	INBOUND FROM	HP97	3118	0	0		
HP91	yy/01/13	17:54:52	HP91	OUTBOUND TO	HP97	30864	30863	1	DEFAULT	
HP91	yy/01/13	18:54:52	HP91	INBOUND FROM	HP97	3166	0	0		
HP91	yy/01/13	18:54:52	HP91	OUTBOUND TO	HP97	32179	32179	0	DEFAULT	
HP91	yy/01/13	18:54:52	HP91	INBOUND FROM	HP97	3003	0	0		
HP91	yy/01/13	18:54:52	HP91	OUTBOUND TO	HP97	30657	30657	0	DEFAULT	
HP91	yy/01/13	18:54:52	HP91	INBOUND FROM	HP94	32910	0	0		
HP91	yy/01/13	18:54:52	HP91	OUTBOUND TO	HP94	1626	1626	0	DEFAULT	
HP91	yy/01/13	18:54:52	HP91	INBOUND FROM	HP94	32391	0	0		
HP91	yy/01/13	18:54:52	HP91	OUTBOUND TO	HP94	1315	1315	0	DEFAULT	
HP91	yy/01/13	18:54:52	HP91	INBOUND FROM	HP92	2706	0	0		
HP91	yy/01/13	18:54:52	HP91	OUTBOUND TO	HP92	1050	1050	0	DEFAULT	
HP91	yy/01/13	18:54:52	HP91	INBOUND FROM	HP92	2774	0	0		
HP91	yy/01/13	18:54:52	HP91	OUTBOUND TO	HP92	1679	1679	0	DEFAULT	
HP91	yy/01/13	19:54:52	HP91	INBOUND FROM	HP97	3020	0	0		
HP91	yy/01/13	19:54:52	HP91	OUTBOUND TO	HP97	31494	31494	0	DEFAULT	
HP91	yy/01/13	19:54:52	HP91	INBOUND FROM	HP97	3156	0	0		
HP91	yy/01/13	19:54:52	HP91	OUTBOUND TO	HP97	31336	31336	0	DEFAULT	
HP91	yy/01/13	19:54:52	HP91	INBOUND FROM	HP94	30719	0	0		
HP91	yy/01/13	19:54:52	HP91	OUTBOUND TO	HP94	1743	1742	1	DEFAULT	

ERXT0231/EZXT0231: XCF Path Message Traffic

This report shows XCF group and member levels and signals used.

10/01/yy			XCF PATH MESSAGE TRAFFIC				PAGE 1	
SYS ID	GROUP NAME	MEMBER NAME	RECDATE	RECTIME	SYSTEM NAME	SIGNALS SENT	SIGNALS RECEIVED	
XE96	SYSATB01	M1	yy/10/13	07:30:00	XE96	0	1	
XE96	SYSATB01	M1	yy/10/13	07:45:00	XE96	0	2	
XE96	SYSATB01	M1	yy/10/13	08:00:07	XE96	0	2	
XE96	SYSATB01	M1	yy/10/13	08:15:03	XE96	0	3	
XE96	SYSATB01	M1	yy/10/13	09:30:06	XE96	0	3	
XE96	SYSATB01	M1				0	11	
XE96	SYSATB01	M2	yy/10/13	07:30:00	XE96	1	0	
XE96	SYSATB01	M2	yy/10/13	07:45:00	XE96	2	0	
XE96	SYSATB01	M2	yy/10/13	08:00:07	XE96	2	0	
XE96	SYSATB01	M2	yy/10/13	08:15:03	XE96	3	0	
XE96	SYSATB01	M2	yy/10/13	09:30:06	XE96	3	0	
XE96	SYSATB01	M2				11	0	
XE96	SYSATB01					11	11	
XE96						11	11	
GRAND TOTAL						11	11	
REPORT	RECORDS READ	LINES PRINTED						
1	10	30						
**** REPORT PHASE ENDED 0.10 SECONDS.								

ERXT0232/EZXT0232: Coupling CPU Usage

This report shows the coupling facilities' use of CPU resources.

16/01/yy			COUPLING CPU USAGE			PAGE 1
SYS ID	RECDATE	RECTIME	CPU NUMBER	BUSY TIME	WAIT TIME	
HP91	yy/01/13	15:54:55	0	0.159383	3599.840067	
HP91	yy/01/13	15:54:55	1	0.648693	3599.332855	
HP91	yy/01/13	15:54:55		0.808076	7199.172922	
HP91	yy/01/13	16:54:56	0	0.162836	3598.830863	
HP91	yy/01/13	16:54:56	1	0.645467	3599.353773	
HP91	yy/01/13	16:54:56		0.808303	7198.184636	
HP91	yy/01/13	17:54:56	0	0.167532	3600.830265	
HP91	yy/01/13	17:54:56	1	0.640538	3599.343753	
HP91	yy/01/13	17:54:56		0.808070	7200.174018	
HP91	yy/01/13	18:54:56	0	0.155338	3600.861864	
HP91	yy/01/13	18:54:56	1	0.651974	3598.324329	
HP91	yy/01/13	18:54:56		0.807312	7199.186193	
HP91	yy/01/13	19:54:56	0	0.168544	3596.808522	
HP91	yy/01/13	19:54:56	1	0.638917	3600.380269	
HP91	yy/01/13	19:54:56		0.807461	7197.188791	
HP91	yy/01/13	20:54:55	0	0.190421	3602.651455	
HP91	yy/01/13	20:54:55	1	0.634696	3599.353964	
HP91	yy/01/13	20:54:55		0.825117	7202.005419	
HP91	yy/01/13	21:54:56	0	0.166571	3594.984735	
HP91	yy/01/13	21:54:56	1	0.645415	3599.352055	
HP91	yy/01/13	21:54:56		0.811986	7194.336790	
HP91	yy/01/13	22:54:55	0	0.163473	3603.833090	
HP91	yy/01/13	22:54:55	1	0.644705	3599.348812	
HP91	yy/01/13	22:54:55		0.808178	7203.181902	
HP91	yy/01/13	23:54:56	0	0.161150	3599.834840	
HP91	yy/01/13	23:54:56	1	0.647147	3599.351155	
HP91	yy/01/13	23:54:56		0.808297	7199.185995	

ERXT0233/EZXT0233: Local Coupling Facility Stats

This report details the local use of the coupling facility.

16/01/yy		LOCAL COUPLING FACILITY STATS							PAGE 1	
SYS ID	COUPLING NAME	RECDATE	RECTIME	PATHS AVAILABLE	PATH BUSY FAILURES	CONTENTION COUNT	TOTAL REQUESTS	UNSUCCESSFUL REQUESTS	SERVICE TIME WASTED	
HP91	FACIL03	yy/01/13	15:54:55	1	0	0	4273	0	0.000000	
HP91	FACIL03	yy/01/13	16:54:56	1	0	0	4273	0	0.000000	
HP91	FACIL03	yy/01/13	17:54:56	1	0	0	4274	0	0.000000	
HP91	FACIL03	yy/01/13	18:54:56	1	0	0	4273	0	0.000000	
HP91	FACIL03	yy/01/13	19:54:56	1	0	0	4268	0	0.000000	
HP91	FACIL03	yy/01/13	20:54:55	1	0	0	4273	0	0.000000	
HP91	FACIL03	yy/01/13	21:54:56	1	0	0	4273	0	0.000000	
HP91	FACIL03	yy/01/13	22:54:55	1	0	0	4273	0	0.000000	
HP91	FACIL03	yy/01/13	23:54:56	1	0	0	4273	0	0.000000	
HP91	FACIL03	yy/01/13			0	0	38453	0	0.000000	
HP91	FACIL03				0	0	38453	0	0.000000	
HP91					0	0	38453	0	0.000000	
GRAND TOTAL					0	0	38453	0	0.000000	
REPORT	RECORDS READ	LINES PRINTED								
1	9	26								
**** REPORT PHASE ENDED				0.10 SECONDS.						

ERXT0234/EZXT0234: Local Coupling Facility Storage Stats

This report details the coupling facility storage usage and sizes.

16/01/yy		LOCAL COUPLING FACILITY STORAGE STATS								PAGE	1
SYS ID	COUPLING NAME	RECDATE	RECTIME	CTL STORAGE DEFINED(4K)	CTL STORAGE FREE(4K)	COUPLE STOR DEFINED(4K)	COUPLE STOR FREE(4K)	DUMP SPACE ALLOC(4K)	DUMP SPACE FREE(4K)	MAX DUMP REQUEST(4K)	
HP91	FACIL03	yy/01/13	15:54:55	28608	25408	28608	25408	1024	1024	64	
HP91	FACIL03	yy/01/13	16:54:56	28608	25408	28608	25408	1024	1024	64	
HP91	FACIL03	yy/01/13	17:54:56	28608	25408	28608	25408	1024	1024	64	
HP91	FACIL03	yy/01/13	18:54:56	28608	25408	28608	25408	1024	1024	64	
HP91	FACIL03	yy/01/13	19:54:56	28608	25408	28608	25408	1024	1024	64	
HP91	FACIL03	yy/01/13	20:54:55	28608	25408	28608	25408	1024	1024	64	
HP91	FACIL03	yy/01/13	21:54:56	28608	25408	28608	25408	1024	1024	64	
HP91	FACIL03	yy/01/13	22:54:55	28608	25408	28608	25408	1024	1024	64	
HP91	FACIL03	yy/01/13	23:54:56	28608	25408	28608	25408	1024	1024	64	
HP91	FACIL03	yy/01/13									
HP91	FACIL03										
HP91											
HP91											
HP91											
END OF REPORT											
REPORT	RECORDS READ	LINES PRINTED									
1	9	26									
**** REPORT PHASE ENDED 0.10 SECONDS.											

ERXT0235/EZXT0235: Coupling Facility Structure Stats

This report shows coupling facility structure statistics by structure name.

03/10/03		COUPLING FACILITY STRUCTURE STATS							PAGE 1
SYS ID	STRUCTURE NAME	RECDATE	RECTIME	REQUESTS COMPLETED	ASYNC SERVICE TIME	SYNC SERVICE TIME	QUEUE DELAY TIME	DUMP DELAY TIME	
J80	IMSOSAMCACHE	94/01/26	13:15:02	197	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE	94/01/26	13:15:02	197	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE	94/01/26	13:30:07	1791	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE	94/01/26	13:30:07	1791	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE	94/01/26	13:45:03	1688	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE	94/01/26	13:45:03	1688	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE	94/01/26	14:00:07	1514	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE	94/01/26	14:15:09	1092	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE	94/01/26	14:30:04	5761	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE	94/01/26	14:45:52	152	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE	94/01/26		15871	0.000000	0.000000	0.000000	0.000000	
J80	IMSOSAMCACHE			15871	0.000000	0.000000	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26	13:15:02	5576	404290224.168552	3.062359	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26	13:15:02	5576	404290224.168552	3.062359	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26	13:30:07	43042	146263785.337697	23.265532	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26	13:30:07	43042	146263785.337697	23.265532	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26	13:45:03	31018	0.000000	18.029221	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26	13:45:03	31018	0.000000	18.029221	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26	14:00:07	29279	0.000000	16.924059	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26	14:15:09	16117	0.000482	9.066584	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26	14:30:04	52231	0.000000	30.544262	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26	14:45:52	1137	823506871.319701	0.599237	0.000000	0.000000	
J80	IRLMLOCKTBL	94/01/26		258036	*****	145.848366	0.000000	0.000000	
J80	IRLMLOCKTBL			258036	101108019.012498	145.848366	0.000000	0.000000	
J80				273907	101108019.012498	145.848366	0.000000	0.000000	
GRAND TOTAL				273907	101108019.012498	145.848366	0.000000	0.000000	

Chapter 8: CPU Reports

This section contains the following topics:

- [ERXT0150/EZXT0150: CPU Utilization Profile](#) (see page 111)
- [ERXT0151/EZXT0151: System Queue Lengths](#) (see page 112)
- [ERXT0153/EZXT0153: LPAR Cluster Report](#) (see page 113)
- [ERXT0201/EZXT0201: CPU Wait Time Profile](#) (see page 114)
- [ERXT0213/EZXT0213: PR/SM Partition and LPAR Usage](#) (see page 115)
- [ERXT0337/EZXT0337: CPU Activity Report](#) (see page 116)
- [ERXT0338/EZXT0338: CPU Activity Daily Report](#) (see page 118)
- [ERXT0346/EZXT0346: Partition Data Report](#) (see page 119)

ERXT0150/EZXT0150: CPU Utilization Profile

This report displays the number of I/O interrupts that occurred during the reporting interval. Also included in the report is a summary of the number of interrupts that were handled via the Test Pending Interrupt (TPI) instruction as opposed to a full I/O Interrupt. This report could be used to determine if a system has enough processors to handle all of the I/O interrupts and to determine if the distribution of I/O interrupts is as expected in the system.

104/03/04		CPU UTILIZATION PROFILE			PAGE 1	
REPORT ID: ERXT0150					SYSPLEX: PLEXC1	
SOURCE : SMF 70-1					SYSTEM: XAD1	
-----		-----			-----	
CPU ID	INTERVALS RECORDED	TOTAL I/O INTERRUPTS	TPI ENTRIES	TPI PCT		
-----		-----			-----	
0	0	86	98524941	6356256	6.451	
	1	86	98703476	6361809	6.445	
		172	197228417	12718065		
-----		-----			-----	
104/03/04		CPU UTILIZATION PROFILE			PAGE 2	
REPORT ID: ERXT0150					SYSPLEX: PLEXC1	
SOURCE : SMF 70-1					SYSTEM: XAD1	
-----		-----			-----	
CPU ID	INTERVALS RECORDED	TOTAL I/O INTERRUPTS	TPI ENTRIES	TPI PCT		
-----		-----			-----	
0						
GRAND TOTAL		172	197228417	12718065		
-----		-----			-----	
1	REPORT	RECORDS READ	LINES PRINTED			
	1	172	26			
-**** REPORT PHASE ENDED						

ERXT0151/EZXT0151: System Queue Lengths

This report shows what percent of the time each of the system dispatching queues was a given length. There are nine queues reported on in two separate reports. In report 151A, the In and Ready queue length percentages are reported. In 151B, the following queues are reported on: In, Out and Ready, Out and Waiting, Logical Out and Ready, Logical Out and Waiting. Along with the dispatcher queues, the percentage of the Ready counts are produced for these five types of address spaces/processes: Batch, Started Tasks, TSO, APPC/MVS Scheduler, Unix System Services.

This report could be used to determine if a system needs tuning. For example, if the longer Out and Ready queue lengths seem to have a high percentage, it may mean that more real memory is needed for a given system.

1 3/04/04		IN-READY QUEUE LENGTH												PAGE 1
REPORT ID: EZXT0151A														SYSPLEX: PLEXC1
SOURCE : SMF 70-1														SYSTEM: XAD1
-														
QUEUE NAME	0	1	2	3	4	5	6	7-8	9-10	11-12	13-14	14+		
0IN READY	.02	53.78	19.76	6.86	3.33	2.18	1.72	2.74	2.05	1.86	1.57	4.07		
1 3/04/04 SYSTEM QUEUE LENGTHS														
PAGE 2														
REPORT ID: EZXT0151B														SYSPLEX: PLEXC1
SOURCE : SMF 70-1														SYSTEM: XAD1
-														
QUEUE NAME	0	1-2	3-4	5-6	7-8	9-10	11-15	16-20	21-25	26-30	31-35	35+		
0IN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	100.00		
OUT READY	99.25	.65	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	
OUT WAIT	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	100.00		
LOGICAL OUT READY	99.80	.12	.01	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	
LOGICAL OUT WAIT	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	100.00		
BATCH	.00	.00	.00	13.46	29.43	25.84	23.86	6.15	1.17	.03	.00	.00	.00	
STC	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	100.00		
TSO	.00	.00	.00	.00	.00	.00	6.01	6.41	.28	1.63	3.21	82.45		
ASCH	99.99	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
USS OMVS	.00	.00	.00	86.01	10.72	3.25	.00	.00	.00	.00	.00	.00	.00	

ERXT0153/EZXT0153: LPAR Cluster Report

This report provides information about all of the LPARs and systems in the sysplex, and can be used to determine if Workload Manager goals are being met for the LPARs in the system.

Displayed in the report are the logical processor count and weight given to each LPAR, as well as the logical and physical CPU percentage each LPAR is consuming.

1 3/04/04		LPAR CLUSTER REPORT						PAGE 1	
REPORT ID: EZXT0153									
SOURCE : SMF 70-1									
-									
CLUSTER NAME	LPAR NAME	SYSTEM NAME	AVERAGE WEIGHT	AVERAGE LOG. LOG.	TOT. CPU DISP. PCT.	TOT. CPU PCT.	PHYS. CENTRAL STORAGE	EXPANDED STORAGE	
0*****	CA31	*****	75.00	4.00	11.31	1.25	2,048		
0*****	COUPLEP2	*****	600.00	1.00	58.29	6.47	1,024		
0*****	COUPLET1	*****	400.00	1.00	38.95	4.32	2,048		
0*****	PHYSICAL	*****	.00	9.00	3.33	.37			
0*****	VML	USILDAVL	1.00	1.00	100.05	11.11	4,096	512	
0*****	XAE1	*****	75.00	5.00	1.86	.20	4,096		
-PLEXC1	CA11	CA11	75.00	4.00	19.00	2.11	2,048		
0PLEXC1	CA31	CA31	75.00	4.00	14.70	1.63	2,048		
0PLEXC1	CA71	CA71	75.00	4.00	19.41	2.15	1,024		
0PLEXC1	XAD1	XAD1	75.00	2.00	27.37	3.04	2,048		
0PLEXC1	XAE1	XAE1	75.00	5.00	11.64	1.29	4,096		
0PLEXC1	XAL1	XAL1	75.00	2.00	27.52	3.05	2,048		
0PLEXC1	XE21	XE21	75.00	2.00	15.57	1.73	1,024		
0PLEXC1	XE44	XE44	75.00	4.00	12.81	1.42	2,048		
0PLEXC1	XE61	XE61	25.00	2.00	6.90	.76	1,024		
-PLEXP1	XAT1	XAT1	175.00	4.00	28.47	3.16	4,096		
0PLEXP1	XA55	XA55	75.00	2.00	13.13	1.45	1,024		

ERXT0201/EZXT0201: CPU Wait Time Profile

This detail report shows wait time per system and CPU. It also shows second level interrupts and TPI entries.

04/01/yy		CPU WAIT TIME PROFILE						PAGE 1	
SYS ID	CPU ID	INTRVL DATE	START TIME	DURATION TIME	WAIT TIME	PWAIT	SLIH ENTRIES	TPI ENTRIES	
XAD1	0	yy/01/04	00:00:00	00:14:59	00:00:00	0.00	76331	11442	
XAD1	0	yy/01/04	00:15:00	00:14:59	00:00:00	0.00	71262	6962	
XAD1	0	yy/01/04	00:30:00	00:15:00	00:00:00	0.00	65588	7096	
XAD1	0	yy/01/04	00:45:00	00:14:59	00:00:00	0.00	54048	6066	
XAD1	0	yy/01/04	01:00:00	00:15:00	00:00:00	0.00	46278	5065	
XAD1	0	yy/01/04	01:15:00	00:14:59	00:00:00	0.00	49908	3542	
XAD1	0	yy/01/04	01:30:00	00:15:00	00:00:00	0.00	68939	7974	
XAD1	0	yy/01/04	01:45:00	00:14:59	00:00:00	0.00	63640	7526	
XAD1	0	yy/01/04	02:00:00	00:14:59	00:00:00	0.00	82674	14136	
XAD1	0	yy/01/04	02:15:00	00:15:00	00:00:00	0.00	94450	16741	
XAD1	0	yy/01/04	02:30:00	00:14:59	00:00:00	0.00	54918	6679	
XAD1	0	yy/01/04	02:45:00	00:15:00	00:00:00	0.00	91766	13012	
XAD1	0	yy/01/04	03:00:00	00:15:00	00:00:00	0.00	77101	10417	
XAD1	0	yy/01/04	03:15:00	00:14:59	00:00:00	0.00	70484	9003	
XAD1	0	yy/01/04	03:30:00	00:15:00	00:00:00	0.00	74332	9407	
XAD1	0	yy/01/04	03:45:00	00:14:59	00:00:00	0.00	75841	8560	
XAD1	0	yy/01/04	04:00:00	00:15:00	00:00:00	0.00	83660	11947	
XAD1	0	yy/01/04	04:15:00	00:14:59	00:00:00	0.00	78451	9510	
XAD1	0	yy/01/04	04:30:00	00:15:00	00:00:00	0.00	84650	11945	
XAD1	0	yy/01/04	04:45:00	00:15:00	00:00:00	0.00	77154	13364	
XAD1	0	yy/01/04	05:00:00	00:14:59	00:00:00	0.00	63133	9474	
XAD1	0	yy/01/04	05:15:00	00:14:59	00:00:00	0.00	75189	11274	
XAD1	0	yy/01/04	05:30:00	00:15:00	00:00:00	0.00	88082	11607	
XAD1	0	yy/01/04	05:45:00	00:15:00	00:00:00	0.00	80509	12902	
XAD1	0	yy/01/04	06:00:00	00:15:00	00:00:00	0.00	80209	15298	
XAD1	0	yy/01/04	06:15:00	00:14:59	00:00:00	0.00	77199	5077	
XAD1	0	yy/01/04	06:30:00	00:15:00	00:00:00	0.00	70614	5518	
XAD1	0	yy/01/04	06:45:00	00:15:00	00:00:00	0.00	66413	4863	
XAD1	0	yy/01/04	07:00:00	00:14:59	00:00:00	0.00	69239	8260	
XAD1	0	yy/01/04	07:15:00	00:14:59	00:00:00	0.00	71375	8878	
XAD1	0	yy/01/04	07:30:00	00:14:59	00:00:00	0.00	82409	15536	
XAD1	0	yy/01/04	07:45:00	00:15:00	00:00:00	0.00	82645	16892	
XAD1	0	yy/01/04	08:00:00	00:15:00	00:00:00	0.00	103188	23478	
XAD1	0	yy/01/04	08:15:00	00:14:59	00:00:00	0.00	94151	16682	
XAD1	0	yy/01/04	08:30:00	00:15:00	00:00:00	0.00	74472	20672	
XAD1	0	yy/01/04	08:45:00	00:14:59	00:00:00	0.00	67333	23025	
XAD1	0	yy/01/04	09:00:00	00:15:00	00:00:00	0.00	40687	22497	
XAD1	0	yy/01/04	09:15:00	00:15:00	00:00:00	0.00	58704	30663	
XAD1	0	yy/01/04	09:30:00	00:14:59	00:00:00	0.00	86215	48115	
XAD1	0	yy/01/04	09:45:00	00:15:00	00:00:00	0.00	68312	49363	
XAD1	0	yy/01/04	10:00:00	00:15:00	00:00:00	0.00	51418	30773	
XAD1	0	yy/01/04	10:15:00	00:14:59	00:00:00	0.00	68557	55867	
XAD1	0	yy/01/04	10:30:00	00:15:00	00:00:00	0.00	78909	43937	
XAD1	0	yy/01/04	10:45:00	00:15:00	00:00:00	0.00	42072	36351	
XAD1	0	yy/01/04	11:00:00	00:14:59	00:00:00	0.00	55618	37558	
XAD1	0	yy/01/04	11:15:00	00:14:59	00:00:00	0.00	64617	45132	
XAD1	0	yy/01/04	11:30:00	00:15:00	00:00:00	0.00	26414	27569	
XAD1	0	yy/01/04	11:45:00	00:14:59	00:00:00	0.00	15593	16537	
XAD1	0	yy/01/04	12:00:00	00:14:59	00:00:00	0.00	58152	37649	
XAD1	0	yy/01/04	12:15:00	00:15:00	00:00:00	0.00	60591	40888	
XAD1	0	yy/01/04	12:30:00	00:15:00	00:00:00	0.00	27722	17060	
XAD1	0	yy/01/04	12:45:00	00:14:59	00:00:00	0.00	46254	21050	
XAD1	0	yy/01/04	13:00:00	00:15:00	00:00:00	0.00	24067	14303	
XAD1	0	yy/01/04	13:15:00	00:15:00	00:00:00	0.00	38945	26585	

ERXT0213/EZXT0213: PR/SM Partition and LPAR Usage

This detail report shows LPAR usage broken down by logical processor address. The LPAR name PHYSICAL refers to general overhead and is not an effective dispatch time.

04/01/yy		PR/SM PARTITION AND LPAR USAGE					PAGE 1	
SYS ID	INTRVL DATE	LPAR NAME	START TIME	LPAR ADD	LPAR DISP TIME	LPAR EFF. DISP TIME		
XAD1	yy/01/04	PHYSICAL	00:00:00	0	12.84	0.00		
XAD1	yy/01/04	PHYSICAL	00:00:00	1	13.02	0.00		
XAD1	yy/01/04	PHYSICAL	00:00:00	2	12.91	0.00		
XAD1	yy/01/04	PHYSICAL	00:00:00	3	12.82	0.00		
XAD1	yy/01/04	PHYSICAL	00:00:00	4	12.82	0.00		
XAD1	yy/01/04	PHYSICAL	00:00:00	5	12.83	0.00		
XAD1	yy/01/04	PHYSICAL	00:15:00	0	12.06	0.00		
XAD1	yy/01/04	PHYSICAL	00:15:00	1	12.17	0.00		
XAD1	yy/01/04	PHYSICAL	00:15:00	2	12.26	0.00		
XAD1	yy/01/04	PHYSICAL	00:15:00	3	12.26	0.00		
XAD1	yy/01/04	PHYSICAL	00:15:00	4	12.17	0.00		
XAD1	yy/01/04	PHYSICAL	00:15:00	5	12.10	0.00		
XAD1	yy/01/04	PHYSICAL	00:30:00	0	12.62	0.00		
XAD1	yy/01/04	PHYSICAL	00:30:00	1	12.76	0.00		
XAD1	yy/01/04	PHYSICAL	00:30:00	2	12.69	0.00		
XAD1	yy/01/04	PHYSICAL	00:30:00	3	12.75	0.00		
XAD1	yy/01/04	PHYSICAL	00:30:00	4	12.79	0.00		
XAD1	yy/01/04	PHYSICAL	00:30:00	5	12.71	0.00		
XAD1	yy/01/04	PHYSICAL	00:45:00	0	12.47	0.00		
XAD1	yy/01/04	PHYSICAL	00:45:00	1	12.57	0.00		
XAD1	yy/01/04	PHYSICAL	00:45:00	2	12.58	0.00		
XAD1	yy/01/04	PHYSICAL	00:45:00	3	12.55	0.00		
XAD1	yy/01/04	PHYSICAL	00:45:00	4	12.51	0.00		
XAD1	yy/01/04	PHYSICAL	00:45:00	5	12.55	0.00		
XAD1	yy/01/04	PHYSICAL	01:00:00	0	12.37	0.00		
XAD1	yy/01/04	PHYSICAL	01:00:00	1	12.33	0.00		
XAD1	yy/01/04	PHYSICAL	01:00:00	2	12.49	0.00		
XAD1	yy/01/04	PHYSICAL	01:00:00	3	12.47	0.00		
XAD1	yy/01/04	PHYSICAL	01:00:00	4	12.38	0.00		
XAD1	yy/01/04	PHYSICAL	01:00:00	5	12.37	0.00		
XAD1	yy/01/04	PHYSICAL	01:15:00	0	12.38	0.00		
XAD1	yy/01/04	PHYSICAL	01:15:00	1	12.46	0.00		
XAD1	yy/01/04	PHYSICAL	01:15:00	2	12.49	0.00		
XAD1	yy/01/04	PHYSICAL	01:15:00	3	12.57	0.00		
XAD1	yy/01/04	PHYSICAL	01:15:00	4	12.35	0.00		
XAD1	yy/01/04	PHYSICAL	01:15:00	5	12.34	0.00		
XAD1	yy/01/04	PHYSICAL	01:30:00	0	13.29	0.00		
XAD1	yy/01/04	PHYSICAL	01:30:00	1	13.47	0.00		
XAD1	yy/01/04	PHYSICAL	01:30:00	2	13.16	0.00		
XAD1	yy/01/04	PHYSICAL	01:30:00	3	13.30	0.00		
XAD1	yy/01/04	PHYSICAL	01:30:00	4	13.38	0.00		
XAD1	yy/01/04	PHYSICAL	01:30:00	5	13.29	0.00		
XAD1	yy/01/04	PHYSICAL	01:45:00	0	13.79	0.00		
XAD1	yy/01/04	PHYSICAL	01:45:00	1	13.85	0.00		
XAD1	yy/01/04	PHYSICAL	01:45:00	2	13.77	0.00		
XAD1	yy/01/04	PHYSICAL	01:45:00	3	13.74	0.00		
XAD1	yy/01/04	PHYSICAL	01:45:00	4	13.76	0.00		
XAD1	yy/01/04	PHYSICAL	01:45:00	5	13.70	0.00		
XAD1	yy/01/04	PHYSICAL	02:00:00	0	14.07	0.00		
XAD1	yy/01/04	PHYSICAL	02:00:00	1	14.20	0.00		
XAD1	yy/01/04	PHYSICAL	02:00:00	2	14.26	0.00		
XAD1	yy/01/04	PHYSICAL	02:00:00	3	14.21	0.00		
XAD1	yy/01/04	PHYSICAL	02:00:00	4	14.14	0.00		
XAD1	yy/01/04	PHYSICAL	02:00:00	5	14.08	0.00		

ERXT0337/EZXT0337: CPU Activity Report

This report shows the CPU usage during one RMF interval, broken down by CPU type, so it can be used for decisions about the use of special processors.

The fields in the report are as follows:

CPU NO

Logical processor number in the LPAR.

CPU TYPE

Can be either CP for general processor or AAP/IIP for zAAP and zIIP respectively.

ONLINE TIME PCT

Percent of time the processor was online during the interval. It can be less than the interval if the processor is running under WLM and was reconfigured during the interval.

LPAR BUSY TIME/BUSY PCT/WAIT PCT

The LPAR busy time is defined as follows:

- (ONLINE TIME - WAIT TIME) for dedicated processors
- (DISPATCH TIME - WAIT TIME) if wait completion is enabled
- DISPATCH TIME if wait completion is disabled

The BUSY and WAIT PCT is the percentage of online time during which the processor was busy (working) or waiting (idle).

MVS BUSY TIME/BUSY PCT/WAIT PCT

The MVS busy time is defined as follows:

- (ONLINE TIME - PARKED TIME - WAIT TIME)

Without Hiperdispatch, PARKED TIME is always 0. (See the explanation of parked time below.) The BUSY PCT and WAIT PCT is the percentage of non-parked time (online time reduced by parked time) during which the processor was busy (working) or waiting (idle).

PARKED TIME PCT

Percentage of total time during which the processor was parked. Only processors with a "LOW" amount of physical processor share on LPARs with HiperDispatch enabled can be parked. (See the explanation of parked time below.)

CPU SERIAL

Reported CPU serial number.

What HiperDispatch does is manage the mapping of logical CPUs to physical CPUs on z10 processors. This optimizes the use of processor cache by localizing work. Redispatching work on the same physical processor maximizes the probability that the work's working set will still be in cache.

z/OS is no longer unaware of running under PR/SM. z/OS and PR/SM cooperate to localize work to a core, a chip, or a book. Each processor (core) on a chip has local L1 and L1.5 cache. L2 cache is shared between the processors on a chip. Physical memory (up to 384 GB) is shared between the chips on a book. Each level of memory (L1, L1.5, L2, memory on this book, and memory on other books) is dramatically slower than the next lower layer.

HiperDispatch optimizes this hierarchy by packing work within an LPAR onto as few processors as possible. It does this by assigning processor weight to logical processors. The PR/SM weight assigned to a logical processor is called "polarity." A logical processor with a polarity of 100 is dedicated, with polarity zero called "parked." That is, the logical processor is assigned, online, but gets no work. That is how "parked" time is reported in RMF.

A large (multibook) configuration will get the most out of HiperDispatch. IBM claims up to 10% ITR. A single-book, lightly loaded configuration will not profit, and may lose ground. For more information, see the paper by Don Deese, which is available for download from www.cpexpert.com and will be presented at CMG in 2008.

1 4/11/yy		CPU ACTIVITY REPORT										PAGE 1
SYSTEM ID: CA31		DATE: yy/03/05	TIME: 22:59:00	INTERVAL: 00:14:59								
CPU NO.	CPU TYPE	ONLINE TIME PCT	LPAR BUSY TIME	BUSY PCT	WAIT PCT	MVS BUSY TIME	BUSY PCT	WAIT PCT	PARKED TIME PCT	CPU SERIAL		
0	4 AAP	100.00	00:00:14.97	1.66	98.33	00:00:14.97	1.66	98.33	0.00	0CE000		
	TOTAL/AVG		00:00:14.97	1.66	98.33	00:00:14.97	1.66	98.33	0.00			
0	0 CP	100.00	00:07:42.32	51.37	48.62	00:08:43.63	58.18	41.81	0.00	0CE000		
	1	100.00	00:07:36.83	50.76	49.23	00:08:36.03	57.33	42.66	0.00	0CE000		
	2	100.00	00:07:24.24	49.36	50.63	00:02:07.17	24.28	75.71	41.81	0CE000		
	3	100.00	00:07:10.75	47.86	52.13	00:00:00.00	100.00	0.00	100.00	0CE000		
	TOTAL/AVG		00:29:54.16	49.83	50.16	00:19:26.84	50.21	49.78	35.45			
0	5 IIP	100.00	00:00:15.46	1.71	98.28	00:00:15.40	1.71	98.28	0.00	0CE000		
	6	100.00	00:00:13.22	1.46	98.53	00:00:13.16	1.46	98.53	0.00	0CE000		
	7	100.00	00:00:14.13	1.57	98.42	00:03:21.89	36.64	63.35	38.78	0CE000		
	TOTAL/AVG		00:00:42.81	1.58	98.41	00:03:50.45	9.80	90.19	12.92			

ERXT0338/EZXT0338: CPU Activity Daily Report

This report is the same as the ERXT0337/EZXT0337 CPU Activity Report, except the reported data is totaled for all intervals in one day.

The INTERVAL TOTAL value is the total duration of all intervals used for calculation, and should always be the same for all processors. (If not, the average percentages are invalid.)

ONLINE TIME PERCENT is the ratio of time the processor was online to INTERVAL TOTAL. The other fields have the same meaning as in the CPU Activity Report.

1 4/11/yy												PAGE 1
CPU ACTIVITY DAILY REPORT												
SYSTEM ID: CA31 DATE: yy/03/05												
CPU NO.	CPU TYPE	INTERVAL TOTAL	ONLINE TIME PCT	LPAR BUSY TIME	BUSY PCT	WAIT PCT	MVS BUSY TIME	BUSY PCT	WAIT PCT	PARKED TIME PCT	CPU SERIAL	
0	4 AAP	00:29:59	100.00	00:00:28.31	1.57	98.42	00:00:28.28	1.57	98.42	0.00	0CE000	
	TOTAL/AVG			00:00:28.31	1.57	98.42	00:00:28.28	1.57	98.42	0.00		
0	0 CP	00:29:59	100.00	00:12:01.38	40.07	59.92	00:13:13.54	44.08	55.91	0.00	0CE000	
	1	00:29:59	100.00	00:11:49.89	39.43	60.56	00:12:59.73	43.31	56.68	0.00	0CE000	
	2	00:29:59	100.00	00:11:32.11	38.45	61.54	00:06:25.37	27.07	72.92	20.90	0CE000	
	3	00:29:59	100.00	00:11:12.00	37.33	62.66	00:04:11.66	27.96	72.03	50.00	0CE000	
	TOTAL/AVG			00:46:35.40	38.82	61.17	00:36:50.32	37.31	62.68	17.72		
0	5 IIP	00:29:59	100.00	00:00:26.53	1.47	98.52	00:00:26.44	1.46	98.53	0.00	0CE000	
	6	00:29:59	100.00	00:00:23.94	1.33	98.66	00:00:23.85	1.32	98.67	0.00	0CE000	
	7	00:29:59	100.00	00:00:24.37	1.35	98.64	00:03:32.10	14.61	85.38	19.39	0CE000	
	TOTAL/AVG			00:01:14.85	1.38	98.61	00:04:22.40	5.19	94.80	6.46		

ERXT0346/EZXT0346: Partition Data Report

Note: This report, which has support for specialty processors, replaces report EZXT0152, the Partition Data Report.

This report shows CPU usage for each logical partition configured in the system. The report is broken down by processor type. Each line shows summarized data for all logical processors configured in the partition. The data is summarized over all the intervals in the input data, EXTDATA type R70P.

The fields in the report are as follows:

LPAR NAME

Logical partition name. "PHYSICAL" means the data listed is for physical processors of that type.

AVERAGE WEIGHT

Average weight of the logical partition. Value of "-1" means partition has dedicated processors.

AVERAGE LOG. CPU

Average number of logical CPUs configured for this partition.

CPU TYPE

Type of CPU in question.

LPAR EFF DISP TIME

Sum of effective dispatch times for all logical processors in the partition, that is, total time the processors were doing useful work.

LPAR DISP TIME

Sum of dispatch times for all logical processors in the partition, that is, effective dispatch time plus any LPAR management overhead. For "PHYSICAL" partition, this is overhead that cannot be attributed to any partition.

LOG EFF DISP PCT, LOG TOT DISP PCT

Average utilizations of each logical processor in the partition, based on effective and total dispatch times.

EFF PHY CPU PCT, TOTAL PHY CPU PCT

Average utilizations of each physical processor in the system that can be attributed to the partition, based on effective and total dispatch times.

1 1/07/yy		PARTITION DATA REPORT								PAGE 1
REPORT ID: EZXT0346				SYSPLX: PLEXC1						
SOURCE : SMF 70-1				SYSTEM: CA11						
FROM DATE: yy/12/18				FROM TIME: 23:59:00						
TO DATE: yy/12/19				TO TIME: 23:44:00						
LPAR NAME	AVERAGE WEIGHT	AVERAGE LOG. CPU	CPU TYPE	LPAR EFF. DISP. TIME	LPAR DISP. TIME	LOG. EFF. DISP PCT.	TOT. DISP PCT.	TOTAL EFF. CPU PCT.	TOTAL PHY. CPU PCT.	
0CA03	75.00	1.00	AAP	00:01:07.58	00:02:35.03	.07	.17	.07	.17	
0CA11	200.00	1.00	AAP	00:04:14.59	00:05:13.87	.29	.36	.29	.36	
0CA13	50.00	1.00	AAP	00:01:41.56	00:04:06.09	.11	.28	.11	.28	
0CA31	200.00	1.00	AAP	00:48:50.58	00:50:05.85	3.39	3.47	3.39	3.48	
0XE61	50.00	1.00	AAP	00:00:32.61	00:00:58.86	.03	.06	.03	.06	
0PHYSICAL		1.00	AAP	00:00:00.00	00:21:58.34			.00	1.52	
0										
TOTAL			AAP	00:56:26.92	01:24:58.04			3.92	5.90	
0CA03	50.00	2.00	CP	01:46:51.95	01:55:33.40	3.71	4.01	.61	.66	
0CA11	200.00	3.00	CP	29:10:47.55	29:23:59.62	40.52	40.83	10.13	10.21	
0CA13	50.00	2.00	CP	01:52:13.85	02:00:55.71	3.89	4.19	.64	.70	
0CA31	200.00	4.00	CP	47:56:52.07	48:14:32.37	49.94	50.25	16.65	16.76	
0SYSC	100.00	3.00	CP	16:21:41.96	17:01:12.35	22.72	23.63	5.68	5.91	
0SYSE	175.00	4.00	CP	51:27:16.22	51:58:04.03	53.59	54.13	17.87	18.05	
0SYSV	75.00	3.00	CP	20:31:46.03	21:41:36.07	28.51	30.12	7.13	7.53	
0XAD1	100.00	2.00	CP	23:27:57.47	23:36:26.23	48.88	49.18	8.15	8.20	
0XE61	50.00	2.00	CP	04:13:17.83	04:17:31.29	8.79	8.94	1.46	1.49	
0PHYSICAL		12.00	CP	00:00:00.00	07:58:18.17			.00	2.76	
0										
TOTAL			CP	196:48:44.93	208:08:09.24			68.37	72.31	
0COUPLE11	500.00	1.00	ICF	00:01:29.30	00:01:56.42	.10	.13	.05	.06	
0COUPLET1	500.00	1.00	ICF	04:34:57.43	04:36:07.46	19.09	19.17	9.55	9.59	
0PHYSICAL		2.00	ICF	00:00:00.00	02:22:50.84			.00	4.96	
0										
0TOTAL			ICF	04:36:26.73	07:00:54.72			9.60	14.62	
0VMZ	1.00	1.00	IFL	23:59:54.38	23:59:55.17	99.99	99.99	100.05	100.05	
0PHYSICAL		1.00	IFL	00:00:00.00	00:00:02.99			.00	.00	
0										
TOTAL			IFL	23:59:54.38	23:59:58.16			100.05	100.05	
0CA03	50.00		IIP	00:00:00.00	00:00:00.00			.00	.00	
0CA11	200.00	3.00	IIP	02:02:05.89	02:04:20.26	2.82	2.87	2.82	2.87	
0CA13	50.00		IIP	00:00:00.00	00:00:00.00			.00	.00	
0CA31	200.00	3.00	IIP	01:49:01.28	01:50:33.17	2.52	2.55	2.52	2.56	
0XE61	50.00	3.00	IIP	00:06:05.98	00:07:02.26	.14	.16	.14	.16	
0PHYSICAL		3.00	IIP	00:00:00.00	00:14:10.26			.00	.32	
0										
TOTAL			IIP	03:57:13.15	04:16:05.95			5.49	5.93	

Chapter 9: Crypto Statistics Reports

This section contains the following topics:

[ERXT0327/EZXT0327: Crypto Accelerator Stats](#) (see page 122)

[ERXT0328/EZXT0328: Crypto Coprocessor Stats](#) (see page 123)

ERXT0327/EZXT0327: Crypto Accelerator Stats

This report shows detail records and local summaries of crypto accelerator data from R70Y EXTDATA records. Note that the scaling factor is applied to coprocessor timing in R70Y, so time is significant to nanoseconds.

23/08/05		CRYPTO ACCELERATOR STATS				
SYS ID	INTRVL DATE	START TIME	EXEC TIME 1024-BIT ME	EXEC COUNT 1024-BIT ME	EXEC TIME 1024-BIT CRT	EXEC COUNT 1024-BIT CRT
ETET	05/07/27	17:44:50	0.032987158	77	0.000000000	0
ETET	05/07/27	17:44:50	0.000000000	0	0.000000000	0
ETET	05/07/27	17:44:50	0.000000000	0	0.000000000	0
ETET	05/07/27	17:44:50	0.000000000	0	0.000000000	0
ETET	05/07/27	17:44:50	0.032987158		0.000000000	
ETET	05/07/27	17:49:00	0.057932937	135	0.004465139	1
ETET	05/07/27	17:49:00	0.000000000	0	0.000000000	0
ETET	05/07/27	17:49:00	0.000000000	0	0.000000000	0
ETET	05/07/27	17:49:00	0.000431279	1	0.000000000	0
ETET	05/07/27	17:49:00	0.058364216		0.004465139	
ETET	05/07/27	17:59:00	0.069796257	163	0.004507319	1
ETET	05/07/27	17:59:00	0.000000000	0	0.000000000	0
ETET	05/07/27	17:59:00	0.000000000	0	0.000000000	0
ETET	05/07/27	17:59:00	0.000000000	0	0.000000000	0
ETET	05/07/27	17:59:00	0.069796257		0.004507319	
ETET	05/07/27	18:09:00	0.051414658	120	0.004524599	1
ETET	05/07/27	18:09:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:09:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:09:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:09:00	0.051414658		0.004524599	
ETET	05/07/27	18:19:00	0.068503617	160	0.000000000	0
ETET	05/07/27	18:19:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:19:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:19:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:19:00	0.068503617		0.000000000	
ETET	05/07/27	18:29:00	0.064695897	151	0.004523219	1
ETET	05/07/27	18:29:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:29:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:29:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:29:00	0.064695897		0.004523219	
ETET	05/07/27	18:39:00	0.034691938	81	0.000000000	0
ETET	05/07/27	18:39:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:39:00	0.000000000	0	0.000000000	0
ETET	05/07/27	18:39:00	0.000000000	0	0.000000000	0

ERXT0328/EZXT0328: Crypto Coprocessor Stats

This report shows detail records and local summaries of crypto coprocessor data from R70Z EXTDATA records. Note that the scaling factor is applied to coprocessor timing in R70Z, so time is significant to nanoseconds.

23/08/05 CRYPTO COPROCESSOR STATS									
SYS ID	INTRVL DATE	START TIME	CRYPTO PROCESSOR INDEX	CRYPTO PROCESSOR TYPE	SCALING FACTOR	EXEC TIME ALL OPERATIONS	EXEC COUNT ALL OPERATIONS	EXEC COUN RSA-KEY-GE	
ETET	05/07/27	17:44:50	2	5	0.000000060	27.554562731	21093	0	
ETET	05/07/27	17:44:50	6	5	0.000000060	0.224354743	189	0	
ETET	05/07/27	17:44:50	7	5	0.000000060	0.022125817	18	0	
ETET	05/07/27	17:44:50	5	5	0.000000060	2.743617851	2213	0	
ETET	05/07/27	17:44:50				30.544661142	23513	0	
ETET	05/07/27	17:49:00	2	5	0.000000060	64.497583557	49551	0	
ETET	05/07/27	17:49:00	6	5	0.000000060	0.381817966	328	0	
ETET	05/07/27	17:49:00	7	5	0.000000060	0.032172628	25	0	
ETET	05/07/27	17:49:00	5	5	0.000000060	6.138016150	4968	0	
ETET	05/07/27	17:49:00				71.049590301	54872	0	
ETET	05/07/27	17:59:00	2	5	0.000000060	66.365634488	50918	0	
ETET	05/07/27	17:59:00	6	5	0.000000060	0.376865558	328	0	
ETET	05/07/27	17:59:00	7	5	0.000000060	0.011046150	10	0	
ETET	05/07/27	17:59:00	5	5	0.000000060	6.537561040	5253	0	
ETET	05/07/27	17:59:00				73.291107236	56509	0	
ETET	05/07/27	18:09:00	2	5	0.000000060	63.340876414	48640	0	
ETET	05/07/27	18:09:00	6	5	0.000000060	0.463872117	392	0	
ETET	05/07/27	18:09:00	7	5	0.000000060	0.033274333	28	0	
ETET	05/07/27	18:09:00	5	5	0.000000060	5.787747057	4689	0	
ETET	05/07/27	18:09:00				69.625769921	53749	0	
ETET	05/07/27	18:19:00	2	5	0.000000060	62.209512962	47755	0	
ETET	05/07/27	18:19:00	6	5	0.000000060	0.387461467	326	0	
ETET	05/07/27	18:19:00	7	5	0.000000060	0.024169991	22	0	
ETET	05/07/27	18:19:00	5	5	0.000000060	5.539060424	4486	0	
ETET	05/07/27	18:19:00				68.160204844	52589	0	
ETET	05/07/27	18:29:00	2	5	0.000000060	53.553975559	41150	0	
ETET	05/07/27	18:29:00	6	5	0.000000060	0.285836535	242	0	
ETET	05/07/27	18:29:00	7	5	0.000000060	0.020951330	17	0	
ETET	05/07/27	18:29:00	5	5	0.000000060	4.963829469	3990	0	
ETET	05/07/27	18:29:00				58.824592893	45399	0	
ETET	05/07/27	18:39:00	2	5	0.000000060	44.833759302	34432	0	
ETET	05/07/27	18:39:00	6	5	0.000000060	0.172287900	146	0	
ETET	05/07/27	18:39:00	7	5	0.000000060	0.015697873	12	0	
ETET	05/07/27	18:39:00	5	5	0.000000060	3.462933301	2800	0	

Chapter 10: DASD Cache Reports

This section contains the following topics:

[ERXT0245/EZXT0245: Control Unit Cache Stats](#) (see page 125)

[ERXT0246/EZXT0246: Cache/Write Hits by Data Set](#) (see page 126)

[ERXT0256/EZXT0256: Cache Subsystem Status](#) (see page 127)

[ERXT0257/EZXT0257: Cache Subsystem Activity](#) (see page 128)

ERXT0245/EZXT0245: Control Unit Cache Stats

This report shows detail statistics about the control unit cache.

6/24/yy		CONTROL UNIT CACHE STATS										PAGE 1
SYS ID	SUBSYS ID	RECDATE	RECTIME	CURRENT I/O COUNT	FAST WRITE BYPASS COUNT	CACHE READ HIT PERCENT	FAST WRITE BYPASS (PER MIN)	AVERAGE HIT RATIO	AVERAGE F. WRITE BYPASSES			
XAT1	2000	08:06:23	00/28/37	564,743	2,367,380	98	0	98	0			
XAT1	2000	08:06:23	00/58/37	44,648	2,367,380	96	0	97	0			
XAT1	2000	08:06:23	01/28/37	138,218	2,367,380	95	0	96	0			
XAT1	2000	08:06:23	01/58/37	551,257	2,367,380	97	0	97	0			
XAT1	2000	08:06:23	02/28/37	393,280	2,367,380	98	0	98	0			
XAT1	2000	08:06:23	02/58/37	363,244	2,367,380	98	0	97	0			
XAT1	2000	08:06:23	03/28/37	375,807	2,367,380	95	0	96	0			
XAT1	2000	08:06:23	03/58/37	332,155	2,367,380	97	0	97	0			
XAT1	2000	08:06:23	04/28/37	104,789	2,367,380	95	0	96	0			
XAT1	2100	08:06:23	00/28/37	122,143	3,013	98	0	98	0			
XAT1	2100	08:06:23	00/58/37	47,318	3,013	97	0	90	0			
XAT1	2100	08:06:23	01/28/37	69,863	3,013	98	0	96	0			
XAT1	2100	08:06:23	01/58/37	66,891	3,013	98	0	98	0			
XAT1	2100	08:06:23	02/28/37	84,656	3,013	98	0	97	0			
XAT1	2100	08:06:23	02/58/37	50,552	3,013	98	0	98	0			
XAT1	2100	08:06:23	03/28/37	211,640	3,013	98	0	98	0			
XAT1	2100	08:06:23	03/58/37	43,752	3,013	98	0	98	0			
XAT1	2100	08:06:23	04/28/37	70,151	3,013	98	0	97	0			
XAT1	2400	08:06:23	00/28/37	42,803	124,666	98	0	98	0			
XAT1	2400	08:06:23	00/58/37	30,126	124,666	98	0	98	0			
XAT1	2400	08:06:23	01/28/37	73,082	124,666	98	0	98	0			
XAT1	2400	08:06:23	01/58/37	86,112	124,666	95	0	94	0			
XAT1	2400	08:06:23	02/28/37	48,452	124,666	97	0	98	0			
XAT1	2400	08:06:23	02/58/37	217,122	124,666	88	0	91	0			
XAT1	2400	08:06:23	03/28/37	48,983	124,666	97	0	98	0			
XAT1	2400	08:06:23	03/58/37	55,613	124,666	87	0	90	0			
XAT1	2400	08:06:23	04/28/37	33,910	124,666	98	0	98	0			
XAT1	2500	08:06:23	00/28/37	188,265	49,617	98	0	98	0			
XAT1	2500	08:06:23	00/58/37	106,535	49,617	97	0	97	0			
XAT1	2500	08:06:23	01/28/37	426,944	49,617	95	0	96	0			

ERXT0246/EZXT0246: Cache/Write Hits by Data Set

This report shows detail statistics about the write hits by data set.

DEC 09 yy	CACHE/WRITE HITS BY DATASET						PAGE 1
	DATASET NAME	RECDATE	RECTIME	RESPONSE TIME	I/O COUNT	CACHE HITS	WRITE HITS
	OAPCMTL.OPERA.IW309602.CAILIB	96:03:04	16/48/43	.004	142	0	0
	BRIANH.SPFL0G1.LIST	96:03:04	14/58/04	.041	6	0	0
	HELPSDK.ISPF.ISPPROF	96:03:04	10/09/35	.002	1	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	04/59/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	05/29/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	05/59/00	.020	360	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	06/29/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	06/59/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	07/29/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	07/59/00	.020	360	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	08/29/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	08/59/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	09/29/00	.020	360	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	09/59/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	10/29/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	10/59/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	11/29/00	.020	360	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	11/59/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	12/29/00	.021	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	12/59/00	.020	359	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	13/29/00	.020	358	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	13/59/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	14/29/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	14/59/00	.020	360	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	15/29/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	15/59/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	16/29/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	16/59/00	.020	360	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	17/29/00	.020	357	0	0
	HPCS.DFSMS13.COMMDS.DATA	96:03:04	17/59/00	.020	357	0	0
	HPCS.OPERA.EVTFILE.INDEX	96:03:04	04/59/00	.013	20	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	05/29/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	05/59/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	06/29/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	06/59/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	07/29/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	07/59/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	08/29/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	08/59/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	09/29/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	09/59/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	10/29/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	10/59/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	11/29/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	11/59/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	12/29/00	.003	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	12/59/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	13/29/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	13/59/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	14/29/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	14/59/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	15/29/00	.002	30	0	0
	HPCS.OPERA.MSGFILE.DATA	96:03:04	15/59/00	.004	30	0	0

ERXT0256/EZXT0256: Cache Subsystem Status

This report shows the status of the cache subsystem by subsystem ID.

JUN 25 yy		CACHE SUBSYSTEM STATUS								PAGE 1	
REPORT ID: CACHE STATUS				SYSTEM ID				XE44			
INTERVAL: 00:14:59				START DATE				yy/01/06			
				START TIME				08:00:00			
				SUBSYSTEM				3990-03			
SUBSYS ID	CNTRL UNIT	CACHING STATUS	NON VOL STORAGE	CACHE FASTWR	IML DEV AVAIL	CONFIGD STORAGE	AVAIL STORAGE	PINNED STORAGE	OFFLINE STORAGE	NON VOL CONFIGD	NON VOL PINNED
007A	0C41	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	1,024.0M	1,019.9M	0.0B	0.0B	64.0M	0.0B
007B	0501	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	1,024.0M	1,019.9M	16.0K	0.0B	64.0M	0.0B
007C	2041	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	1,024.0M	1,019.9M	0.0B	0.0B	64.0M	0.0B
0080	223F	HOST FAILED	ACTIVE	ACTIVE	AVAILABLE	1,024.0M	1,024.0M	0.0B	0.0B	8.0M	0.0B
0081	2261	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	1,024.0M	1,024.0M	0.0B	0.0B	8.0M	0.0B
0083	22C1	HOST FAILED	ACTIVE	ACTIVE	AVAILABLE	1,024.0M	1,024.0M	0.0B	0.0B	8.0M	0.0B
00E0	2121	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	1,605.4M	1,605.4M	0.0B	0.0B	4.0M	0.0B
00E1	2161	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	1,605.4M	1,605.4M	0.0B	0.0B	4.0M	0.0B
00E2	2181	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	1,605.4M	1,605.4M	0.0B	0.0B	4.0M	0.0B
00E3	21C1	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	1,605.4M	1,605.4M	0.0B	0.0B	4.0M	0.0B
00F0	2D01	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	2,292.3M	2,292.3M	0.0B	0.0B	4.0M	0.0B
00F1	2D41	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	2,292.3M	2,292.3M	0.0B	0.0B	4.0M	0.0B
00F2	2D81	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	2,292.3M	2,292.3M	0.0B	0.0B	4.0M	0.0B
00F4	2E37	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	3,653.7M	3,653.7M	0.0B	0.0B	4.0M	0.0B
00F5	2E57	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	3,653.7M	3,653.7M	0.0B	0.0B	4.0M	0.0B
00F6	2EB7	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	3,653.7M	3,653.7M	0.0B	0.0B	4.0M	0.0B
00F7	2ED7	ACTIVE	ACTIVE	ACTIVE	AVAILABLE	3,653.7M	3,653.7M	0.0B	0.0B	4.0M	0.0B

ERXT0257/EZXT0257: Cache Subsystem Activity

This report shows cache subsystem activity by volume.

JUN 25 yy		CACHE SUBSYSTEM ACTIVITY										PAGE 1	
REPORT ID: CACHE ACTIVITY		SYSTEM ID		XE44									
CNTRL-ID : 0C41		DATE		yy/01/06									
SUBSYS ID: 007A		SUBSYSTEM		3990-03									
-- CACHE HIT RATE --				----- DASD I/O RATE -----									
VOLUME SERIAL	READ	DFW	CFW	STAGE	DFWBP	ICL	BYP	OTHER	ASYNC	TOTAL H/R	READ H/R	WRITE H/R	% READ
VMCHI3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	* 100.0
VM9325	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.831	0.977	0.000	84.9
VM9326	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.995	0.995	0.000	* 100.0
MINI06	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.347	1.000	0.000	34.7
MINI08	0.8	0.0	0.0	0.0	0.0	0.0	0.2	1.4	0.0	0.377	0.999	0.000	37.7
SYSD01	0.1	0.0	0.0	0.0	0.0	0.0	0.4	1.4	0.0	0.113	0.993	0.000	11.4
VMCHI4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.026	1.000	0.000	2.6
VM9327	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.848	0.926	0.000	91.6
VM9328	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.954	0.954	0.000	* 100.0
VM9329	0.0 *	0.0 *	0.0 *	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	52.7
VMCHI5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	* 0.000	0.0
VMCHI7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.415	0.889	0.000	46.7
VMCHI8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.000	0.000	0.000	95.0
VMU001	9.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.986	0.996	0.000	99.0
VMU013	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.268	0.731	0.000	36.6
VMU002	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.274	0.724	0.000	37.8
VMU003	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.972	0.972	0.000	* 100.0
VMU004	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.856	0.942	0.000	90.9
VMU005	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.552	0.823	0.000	67.0
VMU006	1.9	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.620	0.959	0.000	64.6
VMU007	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.750	0.900	0.000	83.3
VMU008	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.993	0.993	0.000	* 100.0
VMU009	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.636	0.839	0.000	75.8
VMS001	3.1	0.0	0.0	0.1	0.0	0.0	0.0	0.8	0.0	0.775	0.967	0.000	80.1
VMU010	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.503	0.813	0.000	61.9
VMU011	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.873	0.954	0.000	91.4
VMS002	0.6	0.0	0.0	0.1	0.0	0.0	0.0	0.5	0.0	0.503	0.858	0.000	58.6
VSE100	4.5	0.0	0.0	0.2	0.0	0.0	0.0	14.1	0.0	0.239	0.948	0.000	25.2
	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.560	0.966	0.000	58.0

Chapter 11: DB2 Reports

This section contains the following topics:

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- [ERXT0331/EZXT0331: DB2 Report Microsecond Times](#) (see page 131)
- [ERXT0332/EZXT0332: DB2 Processing Exception Report](#) (see page 132)
- [ERXT0333/EZXT0333: DB2 Concurrent Sessions](#) (see page 133)
- [ERXT0400/EZXT0400: DB2 SQL Statement Counters \(Number One\)](#) (see page 133)
- [ERXT0401/EZXT0401: DB2 SQL Statement Counters Summary \(Number One\)](#) (see page 134)
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- [ERXT0419/EZXT0419: DB2 Global Wait Counts Summary](#) (see page 143)
- [ERXT0420/EZXT0420: DB2 zIIP Times](#) (see page 143)
- [ERXT0421/EZXT0421: DB2 zIIP Times Summary](#) (see page 144)

ERXT0103/EZXT0103: DB2 Report

This report provides detailed information on DB2 usage.

01/03/yy		DB2 REPORT						PAGE 1	
REPORT ID: ERXT0103									
AUTH ID	CONNECT DATE	CONNECT TIME	PLAN NAME	SUBSYS ID	TOTAL SQL ACTIONS	OPEN COUNT	CLOSE COUNT	DB2 TCB	DB2 SRB
CHARLIE	yy/01/14	18:03:47	CBASE11	D230	508	155	155	45.88	0.96
CHARLIE	yy/01/14	14:23:14	CBASE11	D230	382	105	105	26.44	0.52
CICSCAS	yy/01/14	08:24:26	CASDMENU	DB2	2	2	1	0.00	0.00
CICSCAS	yy/01/14	08:24:29	CSSPSECR	DB2	1	0	0	0.00	0.00
CICSCAS	yy/01/14	08:24:30	CASDIPLV	DB2	1	0	0	0.00	0.00
CICSCAS	yy/01/14	08:24:32	CBMDPREP	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:24:45	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:25:04	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:25:04	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:25:04	CBMDPREP	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:25:15	CBMDISPM	DB2	49	49	49	0.17	0.00
CICSCAS	yy/01/14	08:25:28	CBMDISPM	DB2	48	49	49	0.13	0.00
CICSCAS	yy/01/14	08:25:33	CBMDISPM	DB2	48	37	37	0.05	0.00
CICSCAS	yy/01/14	08:25:34	CBMDISPM	DB2	1	0	0	0.00	0.00
CICSCAS	yy/01/14	08:25:34	CBMDPREP	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:25:39	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:37:11	CASDMENU	DB2	2	2	1	0.00	0.00
CICSCAS	yy/01/14	08:37:11	CSSPSECR	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:41:47	CSSPSECR	DB2	1	0	0	0.00	0.00
CICSCAS	yy/01/14	08:41:47	CASDMENU	DB2	2	2	1	0.00	0.00
CICSCAS	yy/01/14	08:41:47	CASDIPLV	DB2	1	0	0	0.00	0.00
CICSCAS	yy/01/14	08:41:47	CBMDPREP	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:41:54	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:42:01	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:42:01	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:42:01	CBMDPREP	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:42:43	CBMDISPM	DB2	49	49	49	0.15	0.00
CICSCAS	yy/01/14	08:42:49	CASDMENU	DB2	2	2	1	0.00	0.00
CICSCAS	yy/01/14	08:42:49	CSSPSECR	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:42:57	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:43:05	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:43:05	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:43:05	CSSPSECR	DB2	3	3	3	0.00	0.00
CICSCAS	yy/01/14	08:43:08	CMPPPREP	DB2	4	0	0	0.01	0.00
CICSCAS	yy/01/14	08:43:11	CMRDPREP	DB2	3	0	0	0.00	0.00
CICSCAS	yy/01/14	08:43:13	CMRDUMSP	DB2	3	0	0	0.00	0.00
CICSCAS	yy/01/14	08:43:37	CBMDISPM	DB2	48	49	49	0.13	0.00
CICSCAS	yy/01/14	08:47:01	CBMDISPM	DB2	48	37	37	0.05	0.37
CICSCAS	yy/01/14	08:49:47	CMRDUMSP	DB2	3	1	0	0.00	0.00
CICSCAS	yy/01/14	08:53:10	CASDMENU	DB2	2	1	0	0.00	0.00
CICSCAS	yy/01/14	08:53:10	CSSPSECR	DB2	2	2	2	0.00	0.00
CICSCAS	yy/01/14	08:53:10	CASDIPLV	DB2	1	0	0	0.00	0.00
CICSCAS	yy/01/14	08:53:11	CICDPREP	DB2	3	0	0	0.00	0.00
CICSCAS	yy/01/14	08:53:21	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:53:21	CSSPSECR	DB2	3	2	2	0.00	0.00
CICSCAS	yy/01/14	08:53:21	CASDMENU	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:53:22	CICDPREP	DB2	3	0	0	0.00	0.00
CICSCAS	yy/01/14	08:53:22	CASDIPLV	DB2	1	0	0	0.00	0.00
CICSCAS	yy/01/14	08:53:22	CICDPREP	DB2	2	0	0	0.00	0.00
CICSCAS	yy/01/14	08:53:22	CICDUISP	DB2	2	3	3	0.02	0.00
CICSCAS	yy/01/14	08:53:35	CICDUISP	DB2	3	4	4	0.02	0.00
CICSCAS	yy/01/14	08:53:42	CICDUISP	DB2	4	0	0	0.01	0.00
CICSCAS	yy/01/14	08:53:43	CICDUIDP	DB2	0	1	1	0.01	0.00

ERXT0331/EZXT0331: DB2 Report Microsecond Times

This detail report shows time measures recorded in EXTDATA, both as 1/100 second and as microseconds. When using these measures, be aware that the 1/100 measures are truncated at hundredths rather than rounded.

12/30/yy		DB2 REPORT MICROSECOND TIMES						PAGE 1
REPORT ID: EZXT0331								
CONNECT DATE	CONNECT TIME	TRAN TCB TIME	TRAN TCB TIME	DB2 TCB TIME	DB2 TCB TIME	DB2 ACTIVE TIME	DB2 ACTIVE TIME	
05/07/27	15:47:32	7.15	7.150167	.00	.008150	.46	.460389	
05/07/27	15:47:33	27.24	27.249676	.05	.057360	.17	.179484	
05/07/27	15:47:39	7.63	7.631013	.00	.006811	.72	.721560	
05/07/27	15:47:42	26.63	26.634918	.08	.086718	.34	.349399	
05/07/27	15:47:44	8.15	8.155598	.00	.007562	.14	.148421	
05/07/27	15:47:44	11.95	11.956882	.04	.049517	.28	.282088	
05/07/27	15:47:45	16.18	16.187187	.08	.082929	.76	.769508	
05/07/27	15:48:08	.32	.328565	.03	.030213	1.04	1.044718	
05/07/27	15:48:14	1.03	1.035904	.81	.811229	5.87	5.874457	
05/07/27	15:48:24	.00	.005998	.00	.003060	.11	.110544	
05/07/27	15:48:26	.00	.007546	.00	.007242	161.17	161.178392	
05/07/27	15:48:28	.00	.008485	.00	.006508	1.10	1.106898	

ERXT0332/EZXT0332: DB2 Processing Exception Report

This sample program tests the power of elapsed times captured in DB2 SMF Type 101 to "explain" the total time a transaction is active in DB2. For a single-threaded transaction, you can expect the sum of CPU, wait, and elapsed service times to almost add up to transaction time.

If a transaction takes significantly more or less time than the sum of the services it absorbs, you can use your knowledge of DB2 to identify DB2 applications that have resource consumption characteristics that need to be studied. Consider whether it uses a service that is not captured in CA JARS or in the SMF Type 101 record itself. Also consider whether it is a multi-threaded transaction that absorbs services in parallel.

Note: This sample report requires that the record selection statement be edited or that other user modifications be made to match your environment. Failure to do so may result in a message indicating that no records were selected.

12/30/yy		DB2 PROCESSING EXCEPTION REPORT						PAGE 1	
REPORT ID: EZXT0332									
CONNECT DATE	CONNECT TIME	CONNECT NAME	DB2 ELAP/ PROCESS	DB2 ACTIVE TIME	DB2 TCB TIME	NON TCB CPU	WAIT FOR SERVICE	EXTERNAL ELAPSED	
05/07/27	15:59:00	RRSAF	101.06%	.001126	.000748	.000000	.000390	.000000	
05/07/27	16:01:27	RRSAF	101.02%	.001271	.000849	.000000	.000435	.000000	
05/07/27	16:03:36	RRSAF	101.04%	.001243	.000823	.000000	.000433	.000000	
05/07/27	16:05:24	DB2CALL	5564.21%	.840942	.182254	.313195	.647447	45.648890	
05/07/27	16:05:58	DB2CALL	101.64%	.035477	.005434	.000000	.030626	.000000	
05/07/27	16:06:20	RRSAF	101.25%	.045368	.003649	.000000	.042287	.000000	
05/07/27	16:15:11	RRSAF	101.13%	.002556	.001182	.000000	.001403	.000000	
05/07/27	16:15:41	RRSAF	102.04%	.001176	.000794	.000000	.000406	.000000	
05/07/27	16:21:06	RRSAF	102.48%	.001290	.000837	.000000	.000485	.000000	
05/07/27	16:21:34	RRSAF	102.74%	.001675	.001225	.000000	.000496	.000000	
05/07/27	16:25:26	RRSAF	101.26%	.004746	.001310	.000000	.003496	.000000	
05/07/27	16:30:26	RRSAF	101.67%	.058209	.003004	.000000	.056181	.000000	
05/07/27	16:32:06	RRSAF	101.50%	.001199	.000799	.000000	.000418	.000000	
05/07/27	16:39:18	RRSAF	101.61%	.001301	.000823	.000000	.000499	.000000	
05/07/27	16:41:24	RRSAF	101.05%	.001518	.001006	.000000	.000528	.000000	
05/07/27	16:41:44	RRSAF	101.26%	.001190	.000841	.000000	.000364	.000000	
05/07/27	16:43:27	RRSAF	101.05%	.001043	.000705	.000000	.000349	.000000	
05/07/27	16:46:22	RRSAF	101.37%	.001165	.000785	.000000	.000396	.000000	
05/07/27	16:46:29	RRSAF	101.44%	.001388	.000897	.000000	.000511	.000000	
05/07/27	16:46:49	RRSAF	101.23%	.001219	.000835	.000000	.000399	.000000	
05/07/27	16:49:26	DB2CALL	19784.80%	5.216258	4.764054	.000000	1,027.262282	.000000	
05/07/27	16:55:02	SERVER	102.07%	81.286989	.029338	.052693	80.864810	2.030485	
05/07/27	16:59:00	RRSAF	102.16%	.001340	.000897	.000000	.000472	.000000	
05/07/27	17:01:48	RRSAF	101.47%	.003116	.000776	.000000	.002386	.000000	
05/07/27	17:02:43	RRSAF	103.89%	.001387	.000901	.000000	.000540	.000000	
05/07/27	17:08:18	DB2CALL	304.74%	1.054293	.013660	.034991	.335187	2.829114	

ERXT0333/EZXT0333: DB2 Concurrent Sessions

This report calculates the average number of concurrent DB2 sessions, as well as the total number of sessions in an interval from session start and stop times.

Note: This report is available for CA Easytrieve only.

12/30/yy		DB2 Concurrent Session	
REPORT ID: EZXT0333			
Interval Date	Interval Time	Concurrent Sessions	Sessions this Interval
05/07/27	15:45:00	2.185527	897
05/07/27	16:00:00	1.437636	2,190
05/07/27	16:15:00	1.203900	985
05/07/27	16:30:00	1.253227	1,648
05/07/27	16:45:00	1.051136	1,404
05/07/27	17:00:00	.493612	1,067
05/07/27	17:15:00	.158427	520
		7.783465	8,711

ERXT0400/EZXT0400: DB2 SQL Statement Counters (Number One)

This report details the use of the included SQL statements by time interval.

13/06/yy		DB2 SQL STATEMENT COUNTERS (NUMBER ONE)						PAGE 1
REPORT ID: ERXT0400								
CONNECT DATE	CONNECT TIME	# ASSOCIATE LOCATOR EXECUTES	# ALLOCATE CURSOR EXECUTES	# RENAME TABLE	# CREATE TRIGGER	# DROP TRIGGER	# SET CURRENT PATH STATEMENTS	
07/07/09	05:19:16	0	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	0	
07/07/09	05:19:17	3	4	3	4	1	2	
07/07/09	05:19:17	3	4	3	4	1	2	
07/07/09	05:19:17	3	4	3	4	1	2	
07/07/10	05:19:16	0	0	0	0	0	0	
07/07/10	05:19:17	3	4	3	4	1	2	
07/07/10	05:19:17	3	4	3	4	1	2	
07/07/11	05:19:16	0	0	0	0	0	0	
07/07/11	05:19:16	0	0	0	0	0	0	
07/07/11	05:19:17	3	4	3	4	1	2	
07/07/12	05:19:16	0	0	0	0	0	0	
07/07/12	05:19:16	0	0	0	0	0	0	
07/07/12	05:19:16	0	0	0	0	0	0	
07/07/12	05:19:17	3	4	3	4	1	2	
07/07/13	05:19:17	3	4	3	4	1	2	
07/07/13	05:19:17	3	4	3	4	1	2	
07/07/13	05:19:17	3	4	3	4	1	2	

ERXT0401/EZXT0401: DB2 SQL Statement Counters Summary (Number One)

This report summarizes the use of the included DB2 SQL statements.

13/06/yy		DB2 SQL STATEMENT COUNTERS SUMMARY (NUMBER ONE)					PAGE 1	
REPORT ID: ERXT0401								
CONNECT DATE	# ASSOCIATE LOCATOR EXECUTES	# ALLOCATE CURSOR EXECUTES	# RENAME TABLE	# CREATE TRIGGER	# DROP TRIGGER	# SET CURRENT PATH STATEMENTS		
07/07/09	9	12	9	12	3	6		
07/07/10	6	8	6	8	2	4		
07/07/11	3	4	3	4	1	2		
07/07/12	3	4	3	4	1	2		
07/07/13	9	12	9	12	3	6		
GRAND TOTAL	30	40	30	40	10	20		

ERXT0402/EZXT0402: DB2 SQL Statement Counters (Number Two)

This report details the use of the included SQL statements by time interval.

13/06/yy		DB2 SQL STATEMENT COUNTERS (NUMBER TWO)					PAGE 1	
REPORT ID: ERXT0402								
CONNECT DATE	CONNECT TIME	# DROP USER DEFINED FUNCTION	# DROP PROCEDURE	# CREATE DISTINCT TYPE	# DROP DISTINCT TYPE	# CREATE FUNCTION	# CREATE PROCEDURE	
07/07/09	05:19:16	0	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	0	
07/07/09	05:19:17	3	4	1	2	3	4	
07/07/09	05:19:17	3	4	1	2	3	4	
07/07/09	05:19:17	3	4	1	2	3	4	
07/07/10	05:19:16	0	0	0	0	0	0	
07/07/10	05:19:17	3	4	1	2	3	4	
07/07/10	05:19:17	3	4	1	2	3	4	
07/07/11	05:19:16	0	0	0	0	0	0	
07/07/11	05:19:16	0	0	0	0	0	0	
07/07/11	05:19:16	0	0	0	0	0	0	
07/07/11	05:19:17	3	4	1	2	3	4	
07/07/12	05:19:16	0	0	0	0	0	0	
07/07/12	05:19:16	0	0	0	0	0	0	
07/07/12	05:19:16	0	0	0	0	0	0	
07/07/12	05:19:17	3	4	1	2	3	4	
07/07/13	05:19:17	3	4	1	2	3	4	
07/07/13	05:19:17	3	4	1	2	3	4	
07/07/13	05:19:17	3	4	1	2	3	4	

ERXT0403/EZXT0403: DB2 SQL Statement Counters Summary (Number Two)

This report summarizes the use of the included DB2 SQL statements.

13/06/yy		DB2 SQL STATEMENT COUNTERS SUMMARY (NUMBER TWO)					PAGE 1
REPORT ID: ERXT0403							
CONNECT DATE	# DROP USER DEFINED FUNCTION	# DROP PROCEDURE	# CREATE DISTINCT TYPE	# DROP DISTINCT TYPE	# CREATE FUNCTION	# CREATE PROCEDURE	
07/07/09	9	12	3	6	9	12	
07/07/10	6	8	2	4	6	8	
07/07/11	3	4	1	2	3	4	
07/07/12	3	4	1	2	3	4	
07/07/13	9	12	3	6	9	12	
GRAND TOTAL	30	40	10	20	30	40	

ERXT0404/EZXT0404: DB2 SQL Statement Counters (Number Three)

This report details the use of the included SQL statements by time interval.

13/06/yy		DB2 SQL STATEMENT COUNTERS (NUMBER THREE)					PAGE 1
REPORT ID: ERXT0404							
CONNECT DATE	CONNECT TIME	# HOLD LOCATOR	# FREE LOCATOR	# CREATE AUX TABLE STATEMENTS	# ALTER FUNCTION STATEMENTS	# ALTER PROCEDURE STATEMENTS	
07/07/09	05:19:16	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	
07/07/09	05:19:17	1	2	1	3	4	
07/07/09	05:19:17	1	2	1	3	4	
07/07/09	05:19:17	1	2	1	3	4	
07/07/10	05:19:16	0	0	0	0	0	
07/07/10	05:19:17	1	2	1	3	4	
07/07/10	05:19:17	1	2	1	3	4	
07/07/11	05:19:16	0	0	0	0	0	
07/07/11	05:19:16	0	0	0	0	0	
07/07/11	05:19:16	0	0	0	0	0	
07/07/11	05:19:17	1	2	1	3	4	
07/07/12	05:19:16	0	0	0	0	0	
07/07/12	05:19:16	0	0	0	0	0	
07/07/12	05:19:16	0	0	0	0	0	
07/07/12	05:19:17	1	2	1	3	4	
07/07/13	05:19:17	1	2	1	3	4	
07/07/13	05:19:17	1	2	1	3	4	
07/07/13	05:19:17	1	2	1	3	4	

ERXT0405/EZXT0405: DB2 SQL Statement Counters Summary (Number Three)

This report summarizes the use of the included DB2 SQL statements.

13/06/yy		DB2 SQL STATEMENT COUNTERS SUMMARY (NUMBER THREE)					PAGE 1
REPORT ID: ERXT0405							
CONNECT DATE	# HOLD LOCATOR	# FREE LOCATOR	# CREATE AUX TABLE STATEMENTS	# ALTER FUNCTION STATEMENTS	# ALTER PROCEDURE STATEMENTS		
07/07/09	3	6	3	9	12		
07/07/10	2	4	2	6	8		
07/07/11	1	2	1	3	4		
07/07/12	1	2	1	3	4		
07/07/13	3	6	3	9	12		
GRAND TOTAL	10	20	10	30	40		

ERXT0406/EZXT0406: DB2 SQL Statement Counters (Number Four)

This report details the use of the included SQL statements by time interval.

13/06/yy		DB2 SQL STATEMENT COUNTERS (NUMBER FOUR)							PAGE 1
REPORT ID: ERXT0406									
CONNECT DATE	CONNECT TIME	# SET CURR PREC STMTS	# DCL GLOBL TMP TBL	# PARAL GRPS QRY BLK	# CREATE SEQ S	# ALTER SEQ S	# DROP SEQ S	# ALTER VIEW	
07/07/09	05:19:16	0	0	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	0	0	0	
07/07/09	05:19:17	4	1	2	3	4	1	3	
07/07/09	05:19:17	4	1	2	3	4	1	3	
07/07/09	05:19:17	4	1	2	3	4	1	3	
07/07/10	05:19:16	0	0	0	0	0	0	0	
07/07/10	05:19:17	4	1	2	3	4	1	3	
07/07/10	05:19:17	4	1	2	3	4	1	3	
07/07/11	05:19:16	0	0	0	0	0	0	0	
07/07/11	05:19:16	0	0	0	0	0	0	0	
07/07/11	05:19:16	0	0	0	0	0	0	0	
07/07/11	05:19:17	4	1	2	3	4	1	3	
07/07/12	05:19:16	0	0	0	0	0	0	0	
07/07/12	05:19:16	0	0	0	0	0	0	0	
07/07/12	05:19:16	0	0	0	0	0	0	0	
07/07/12	05:19:17	4	1	2	3	4	1	3	
07/07/13	05:19:17	4	1	2	3	4	1	3	
07/07/13	05:19:17	4	1	2	3	4	1	3	
07/07/13	05:19:17	4	1	2	3	4	1	3	

ERXT0407/EZXT0407: DB2 SQL Statement Counters Summary (Number Four)

This report summarizes the use of the included DB2 SQL statements.

13/06/yy		DB2 SQL STATEMENT COUNTERS SUMMARY (NUMBER FOUR)						PAGE 1	
REPORT ID: ERXT0407									
CONNECT DATE	# SET CURR PREC STMTS	# DCL GLBL TMP TBL	# PARAL GRPS QRY BLK	# CREATE SEQS	# ALTER SEQS	# DROP SEQS	# ALTER VIEW		
07/07/09	12	3	6	9	12	3	9		
07/07/10	8	2	4	6	8	2	6		
07/07/11	4	1	2	3	4	1	3		
07/07/12	4	1	2	3	4	1	3		
07/07/13	12	3	6	9	12	3	9		
GRAND TOTAL	40	10	20	30	40	10	30		

ERXT0408/EZXT0408: DB2 SQL Statement Counters (Number Five)

This report details the use of the included SQL statements by time interval.

13/06/yy		DB2 SQL STATEMENT COUNTERS (NUMBER FIVE)					PAGE 1	
REPORT ID: ERXT0408								
CONNECT DATE	CONNECT TIME	ALTER JAR	MERGE STMTS EXECES	TRUNC TABLE EXECES	CREATE ROLE	DROP ROLE		
07/07/09	05:19:16	0	0	0	0	0		
07/07/09	05:19:16	0	0	0	0	0		
07/07/09	05:19:16	0	0	0	0	0		
07/07/09	05:19:16	0	0	0	0	0		
07/07/09	05:19:17	1	2	3	4	5		
07/07/09	05:19:17	1	2	3	4	5		
07/07/09	05:19:17	1	2	3	4	5		
07/07/10	05:19:16	0	0	0	0	0		
07/07/10	05:19:17	1	2	3	4	5		
07/07/10	05:19:17	1	2	3	4	5		
07/07/11	05:19:16	0	0	0	0	0		
07/07/11	05:19:16	0	0	0	0	0		
07/07/11	05:19:16	0	0	0	0	0		
07/07/11	05:19:17	1	2	3	4	5		
07/07/12	05:19:16	0	0	0	0	0		
07/07/12	05:19:16	0	0	0	0	0		
07/07/12	05:19:16	0	0	0	0	0		
07/07/12	05:19:17	1	2	3	4	5		
07/07/13	05:19:17	1	2	3	4	5		
07/07/13	05:19:17	1	2	3	4	5		
07/07/13	05:19:17	1	2	3	4	5		

ERXT0409/EZXT0409: DB2 SQL Statement Counters Summary (Number Five)

This report summarizes the use of the included DB2 SQL statements.

13/06/yy		DB2 SQL STATEMENT COUNTERS SUMMARY (NUMBER FIVE)					PAGE 1
REPORT ID: ERXT0409							
CONNECT DATE	ALTER JAR	MERGE STMTS EXECS	TRUNC TABLE EXECS	CREATE ROLE	DROP ROLE		
07/07/09	3	6	9	12	15		
07/07/10	2	4	6	8	10		
07/07/11	1	2	3	4	5		
07/07/12	1	2	3	4	5		
07/07/13	3	6	9	12	15		
GRAND TOTAL	10	20	30	40	50		

ERXT0410/EZXT0410: DB2 SQL Statement Counters (Number Six)

This report details the use of the included SQL statements by time interval.

13/06/yy		DB2 SQL STATEMENT COUNTERS (NUMBER SIX)				PAGE 1
REPORT ID: ERXT0410						
CONNECT DATE	CONNECT TIME	CREATE TRUSTED CONTEXT	ALTER TRUSTED CONTEXT	DROP TRUSTED CONTEXT	RENAME INDEX	
07/07/09	05:19:16	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	
07/07/09	05:19:16	0	0	0	0	
07/07/09	05:19:17	6	7	8	9	
07/07/09	05:19:17	6	7	8	9	
07/07/09	05:19:17	6	7	8	9	
07/07/10	05:19:16	0	0	0	0	
07/07/10	05:19:17	6	7	8	9	
07/07/10	05:19:17	6	7	8	9	
07/07/11	05:19:16	0	0	0	0	
07/07/11	05:19:16	0	0	0	0	
07/07/11	05:19:16	0	0	0	0	
07/07/11	05:19:17	6	7	8	9	
07/07/12	05:19:16	0	0	0	0	
07/07/12	05:19:16	0	0	0	0	
07/07/12	05:19:16	0	0	0	0	
07/07/12	05:19:17	6	7	8	9	
07/07/13	05:19:17	6	7	8	9	
07/07/13	05:19:17	6	7	8	9	
07/07/13	05:19:17	6	7	8	9	

ERXT0411/EZXT0411: DB2 SQL Statement Counters Summary (Number Six)

This report summarizes the use of the included DB2 SQL statements.

13/06/yy		DB2 SQL STATEMENT COUNTERS SUMMARY (NUMBER SIX)				PAGE 1
REPORT ID: ERXT0411						
CONNECT DATE	CREATE TRUSTED CONTEXT	ALTER TRUSTED CONTEXT	DROP TRUSTED CONTEXT	RENAME INDEX		
07/07/09	18	21	24	27		
07/07/10	12	14	16	18		
07/07/11	6	7	8	9		
07/07/12	6	7	8	9		
07/07/13	18	21	24	27		
GRAND TOTAL	60	70	80	90		

ERXT0412/EZXT0412: DB2 Log and Savepoint Data

This report details DB2 log and savepoint data by time interval.

13/06/yy		DB2 LOG AND SAVEPOINT DATA					PAGE 1
REPORT ID: ERXT0412							
CONNECT DATE	CONNECT TIME	# LOG RECORDS WRITTEN	#BYTES LOGGED	# SAVEPOINT REQUESTS	# RELEASE SVPT REQUEST	# ROLLBACK SVPT REQUEST	
07/07/09	05:19:16	1	8589934595	5	6	7	
07/07/09	05:19:16	1	8589934595	5	6	7	
07/07/09	05:19:16	1	8589934595	5	6	7	
07/07/09	05:19:16	1	8589934595	5	6	7	
07/07/09	05:19:17	0	0	0	0	0	
07/07/09	05:19:17	0	0	0	0	0	
07/07/09	05:19:17	0	0	0	0	0	
07/07/10	05:19:16	1	8589934595	5	6	7	
07/07/10	05:19:17	0	0	0	0	0	
07/07/10	05:19:17	0	0	0	0	0	
07/07/11	05:19:16	1	8589934595	5	6	7	
07/07/11	05:19:16	1	8589934595	5	6	7	
07/07/11	05:19:16	1	8589934595	5	6	7	
07/07/11	05:19:17	0	0	0	0	0	
07/07/12	05:19:16	1	8589934595	5	6	7	
07/07/12	05:19:16	1	8589934595	5	6	7	
07/07/12	05:19:16	1	8589934595	5	6	7	
07/07/12	05:19:17	0	0	0	0	0	
07/07/13	05:19:17	0	0	0	0	0	
07/07/13	05:19:17	0	0	0	0	0	
07/07/13	05:19:17	0	0	0	0	0	

ERXT0413/EZXT0413: DB2 Log and Savepoint Data Summary

This report summarizes DB2 log and savepoint data.

13/06/yy REPORT ID: ERXT0413		DB2 LOG AND SAVEPOINT DATA SUMMARY				PAGE 1	
CONNECT DATE	# LOG RECORDS WRITTEN	#BYTES LOGGED	# SAVEPOINT REQUESTS	# RELEASE SVPT REQUEST	# ROLLBACK SVPT REQUEST		
07/07/09	4	34359738380	20	24	28		
07/07/10	1	8589934595	5	6	7		
07/07/11	3	25769803785	15	18	21		
07/07/12	3	25769803785	15	18	21		
07/07/13	0	0	0	0	0		
GRAND TOTAL	11	94489280545	55	66	77		

ERXT0414/EZXT0414: DB2 User Defined Functions Data

This report details the use of user-defined functions by time interval.

13/06/yy REPORT ID: ERXT0414		DB2 USER DEFINED FUNCTIONS DATA				PAGE 1	
CONNECT DATE	CONNECT TIME	TCB CPU USER FUNC	TCB CPU SQL DB2	# SQL ENTRY/EXIT	ET WAITING FOR TCB	ET USR FUNC NON-SQL	ET USR FUNC SQL
07/07/09	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/09	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/09	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/09	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/09	05:19:17	0.000000	0.000000	0	0.000000	0.000000	0.000000
07/07/09	05:19:17	0.000000	0.000000	0	0.000000	0.000000	0.000000
07/07/09	05:19:17	0.000000	0.000000	0	0.000000	0.000000	0.000000
07/07/10	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/10	05:19:17	0.000000	0.000000	0	0.000000	0.000000	0.000000
07/07/10	05:19:17	0.000000	0.000000	0	0.000000	0.000000	0.000000
07/07/11	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/11	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/11	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/11	05:19:17	0.000000	0.000000	0	0.000000	0.000000	0.000000
07/07/12	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/12	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/12	05:19:16	40.128059	40.128059	4	40.128059	40.128059	40.128059
07/07/12	05:19:17	0.000000	0.000000	0	0.000000	0.000000	0.000000
07/07/13	05:19:17	0.000000	0.000000	0	0.000000	0.000000	0.000000
07/07/13	05:19:17	0.000000	0.000000	0	0.000000	0.000000	0.000000
07/07/13	05:19:17	0.000000	0.000000	0	0.000000	0.000000	0.000000

ERXT0415/EZXT0415: DB2 User Defined Functions Data Summary

This report summarizes the use of user-defined functions.

13/06/yy REPORT ID: ERXT0415		DB2 USER DEFINED FUNCTIONS DATA SUMMARY					PAGE 1
CONNECT DATE	TCB CPU USER FUNC	TCB CPU SQL DB2	# SQL ENTRY/EXIT	ET WAITING FOR TCB	ET USR FUNC NON-SQL	ET USR FUNC SQL	
07/07/09	160.512236	160.512236	16	160.512236	160.512236	160.512236	
07/07/10	40.128059	40.128059	4	40.128059	40.128059	40.128059	
07/07/11	120.384177	120.384177	12	120.384177	120.384177	120.384177	
07/07/12	120.384177	120.384177	12	120.384177	120.384177	120.384177	
07/07/13	0.000000	0.000000	0	0.000000	0.000000	0.000000	
GRAND TOTAL	441.408649	441.408649	44	441.408649	441.408649	441.408649	

ERXT0416/EZXT0416: DB2 Global Wait Times

This report details DB2 global wait times by time interval.

13/06/yy REPORT ID: ERXT0416		DB2 GLOBAL WAIT TIMES					PAGE 1
CONNECT DATE	CONNECT TIME	ACCUM WAIT CHILD L-LCKS	ACCUM WAIT OTHER L-LCKS	ACCUM WAIT PGE/PRT PLCK	ACCUM WAIT PAGE P-LOCKS	ACCUM WAIT OTHER P-LCKS	
07/07/09	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/09	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/09	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/09	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/09	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/09	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/09	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/10	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/10	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/10	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/11	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/11	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/11	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/11	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/12	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/12	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/12	05:19:16	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/12	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/13	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/13	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/13	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	

ERXT0417/EZXT0417: DB2 Global Wait Times Summary

This report summarizes DB2 global wait times.

13/06/yy REPORT ID: ERXT0417		DB2 GLOBAL WAIT TIMES SUMMARY				PAGE 1
CONNECT DATE	ACCUM WAIT CHILD L-LCKS	ACCUM WAIT OTHER L-LCKS	ACCUM WAIT PGE/PRT PLCK	ACCUM WAIT PAGE P-LOCKS	ACCUM WAIT OTHER P-LCKS	
07/07/09	160.512236	160.512236	160.512236	160.512236	160.512236	
07/07/10	40.128059	40.128059	40.128059	40.128059	40.128059	
07/07/11	120.384177	120.384177	120.384177	120.384177	120.384177	
07/07/12	120.384177	120.384177	120.384177	120.384177	120.384177	
07/07/13	0.000000	0.000000	0.000000	0.000000	0.000000	
GRAND TOTAL	441.408649	441.408649	441.408649	441.408649	441.408649	

ERXT0418/EZXT0418: DB2 Global Wait Counts

This report details DB2 global wait counts by time interval.

13/06/yy REPORT ID: ERXT0418		DB2 GLOBAL WAIT COUNTS					PAGE 1
CONNECT DATE	CONNECT TIME	# WAIT CHILD L-LOCKS	# WAIT OTHER L-LOCKS	# WAIT PGE/PRT PLCKS	# WAIT PAGE P-LOCKS	# WAIT OTHER P-LOCKS	
07/07/09	05:19:16	8	9	10	11	12	
07/07/09	05:19:16	8	9	10	11	12	
07/07/09	05:19:16	8	9	10	11	12	
07/07/09	05:19:16	8	9	10	11	12	
07/07/09	05:19:17	0	0	0	0	0	
07/07/09	05:19:17	0	0	0	0	0	
07/07/09	05:19:17	0	0	0	0	0	
07/07/10	05:19:16	8	9	10	11	12	
07/07/10	05:19:17	0	0	0	0	0	
07/07/10	05:19:17	0	0	0	0	0	
07/07/11	05:19:16	8	9	10	11	12	
07/07/11	05:19:16	8	9	10	11	12	
07/07/11	05:19:16	8	9	10	11	12	
07/07/11	05:19:17	0	0	0	0	0	
07/07/12	05:19:16	8	9	10	11	12	
07/07/12	05:19:16	8	9	10	11	12	
07/07/12	05:19:16	8	9	10	11	12	
07/07/12	05:19:17	0	0	0	0	0	
07/07/13	05:19:17	0	0	0	0	0	
07/07/13	05:19:17	0	0	0	0	0	
07/07/13	05:19:17	0	0	0	0	0	

ERXT0419/EZXT0419: DB2 Global Wait Counts Summary

This report summarizes DB2 global counts.

13/06/yy REPORT ID: ERXT0419		DB2 GLOBAL WAIT COUNTS SUMMARY					PAGE 1	
CONNECT DATE	# WAIT CHILD L-LOCKS	# WAIT OTHER L-LOCKS	# WAIT PGE/PRT PLCKS	# WAIT PAGE P-LOCKS	# WAIT OTHER P-LOCKS			
07/07/09	32	36	40	44	48			
07/07/10	8	9	10	11	12			
07/07/11	24	27	30	33	36			
07/07/12	24	27	30	33	36			
07/07/13	0	0	0	0	0			
GRAND TOTAL	88	99	110	121	132			

ERXT0420/EZXT0420: DB2 zIIP Times

This report details DB2 zIIP time fields by time interval.

13/06/yy REPORT ID: ERXT0420		DB2 zIIP TIMES					PAGE 1	
CONNECT DATE	CONNECT TIME	ACC CLS1 ZIIP CPU	ACC CLS2 ZIIP CPU	ACC TRTT ZIIP CPU	ACC ZIIP ELIG CPU	ACC SPNF ZIIP CPU		
07/07/09	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/09	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/09	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/09	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/09	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/09	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/09	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/10	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/10	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/10	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/11	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/11	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/11	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/11	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/12	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/12	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/12	05:19:16	40.128059	2.916355	40.128059	40.128059	40.128059	40.128059	
07/07/12	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/13	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/13	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	
07/07/13	05:19:17	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	

ERXT0421/EZXT0421: DB2 zIIP Times Summary

This report summarizes zIIP time fields.

13/06/yy REPORT ID: ERXT0421		DB2 ZIIP TIMES SUMMARY			PAGE 1	
CONNECT DATE	ACC CLS1 ZIIP CPU	ACC CLS2 ZIIP CPU	ACC TRTT ZIIP CPU	ACC ZIIP ELIG CPU	ACC SPNF ZIIP CPU	
07/07/09	160.512236	11.665420	160.512236	160.512236	160.512236	
07/07/10	40.128059	2.916355	40.128059	40.128059	40.128059	
07/07/11	120.384177	8.749065	120.384177	120.384177	120.384177	
07/07/12	120.384177	8.749065	120.384177	120.384177	120.384177	
07/07/13	0.000000	0.000000	0.000000	0.000000	0.000000	
GRAND TOTAL	441.408649	32.079905	441.408649	441.408649	441.408649	

Chapter 12: Device Reports

This section contains the following topics:

[ERXT0101/EZXT0101: Device Status by Date/Time](#) (see page 146)

[ERXT0159/EZXT0159: Device Activity Report](#) (see page 147)

[ERXT0225/EZXT0225: Volume Space Stats](#) (see page 149)

[ERXT0226/EZXT0226: Disk Device Statistics](#) (see page 150)

ERXT0101/EZXT0101: Device Status by Date/Time

This report lists the status and the actions taken for devices at IPL time. It can assist in identifying devices that need operator intervention at IPL time.

2/28/yy		DEVICE STATUS BY DATE/TIME			PAGE	1
REPORT ID: EZXT0101						
DEVICE NUMBER	ACTION DESC	RECDATE	RECTIME			
DEVICE 0100	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0101	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0102	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0103	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0110	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0111	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0112	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0113	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0120	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0121	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0122	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0123	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0124	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0125	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0126	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0127	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0128	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0129	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 012A	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 012B	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0130	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0131	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0132	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0133	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0134	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0135	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0136	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0137	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0138	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0139	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 013A	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 013B	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0140	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0141	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0142	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0143	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0144	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0145	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0146	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0147	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0148	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0149	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 014A	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 014B	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 014C	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 014D	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 014E	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 014F	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0160	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0161	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0162	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			
DEVICE 0163	ONLINE AT IPL	ON yy/01/13	AT 19:00:38			

ERXT0159/EZXT0159: Device Activity Report

This report shows several average timings for all devices in the system (the sample report has logic that creates a subset of the devices in the system, as the report can be very lengthy if all devices are used.) The following average times are reported: Response time, IOS Queue time, Device Busy delay, Pending Time (wait in hardware), Disconnect time, Connect time. With this report, devices that may be causing bottlenecks (high Device Busy delay) and devices that are on channels that may be overly busy (identified in conjunction with report ERXT0158/EZXT0158) can be determined.

104/03/04		DEVICE ACTIVITY REPORT						PAGE 1	
REPORT ID: ERXT0159		SYSPLX:		PLEXC1					
SOURCE : SMF 74-1		SYSTEM:		XAD1					
DEVICE NUMBER	DASD VOLSER	DEV ACT RATE	AV RESP TIME	AV IOSQ TIME	AV DB DELAY	AV PEND TIME	AV DISC TIME	AV CONN TIME	
0 2000	CAT047	0.034	0.001	0.000	0.000	0.000	0.000	0.000	
2001	TOPLG1	0.015	0.023	0.000	450.619	0.000	0.000	0.022	
2002	LOAN77	0.005	0.001	0.000	0.000	0.000	0.001	0.000	
2003	TS014Z	0.005	0.001	0.000	0.000	0.000	0.001	0.000	
2004	TS056C	0.067	0.008	0.000	106.212	0.000	0.000	0.008	
2005	TS082B	0.008	0.001	0.000	0.000	0.000	0.000	0.000	
2006	TSOED1	0.007	0.000	0.000	0.000	0.000	0.000	0.000	
2007	MVP71C	0.005	0.001	0.000	0.000	0.000	0.001	0.000	
2008	TSVSEP	0.005	0.001	0.000	0.000	0.000	0.000	0.000	
2009	EWAC01	0.005	0.001	0.000	0.000	0.000	0.001	0.000	
200A	ALLOC1	0.005	0.001	0.000	0.000	0.000	0.001	0.000	
200B	ALLOC2	0.005	0.001	0.000	0.000	0.000	0.000	0.000	
200C	CTL020	0.004	0.003	0.000	6745.470	0.000	0.000	0.003	
200D	CTL021	0.002	0.005	0.000	4908.533	0.000	0.000	0.004	
200E	CTL022	8.507	0.002	0.001	35.499	0.001	0.000	0.000	
200F	CTL023	0.001	0.010	0.000	8523.345	0.000	0.000	0.008	
2010	TS093P	0.005	0.001	0.000	0.000	0.000	0.001	0.000	
2011	MVP71E	0.009	0.001	0.000	0.000	0.000	0.000	0.000	
2012	MVBMIM	0.005	0.002	0.000	0.000	0.000	0.001	0.000	
2013	VTC025	0.186	0.012	0.000	115.925	0.000	0.000	0.011	
2014	VTC026	0.239	0.012	0.000	0.000	0.000	0.000	0.012	
2015	VTC027	0.253	0.011	0.000	113.264	0.000	0.000	0.010	
2016	VTC028	0.181	0.012	0.000	39.679	0.000	0.000	0.011	
2017	VTC029	0.290	0.012	0.000	99.113	0.000	0.000	0.011	
2018	VTC030	0.195	0.012	0.000	73.654	0.000	0.000	0.012	
2019	VTC031	0.180	0.011	0.000	79.686	0.000	0.000	0.011	
201A	VTC032	0.200	0.012	0.000	35.948	0.000	0.000	0.011	
201B	VTC033	0.347	0.011	0.000	62.163	0.000	0.000	0.010	
201C	VTC034	0.214	0.011	0.000	67.145	0.000	0.000	0.011	
201D	VTC035	0.223	0.012	0.000	0.000	0.000	0.000	0.011	
201E	VTC036	0.221	0.011	0.000	32.489	0.000	0.000	0.010	
201F	VTC037	0.189	0.011	0.000	1709.439	0.000	0.000	0.010	
2020	VTC038	0.274	0.011	0.000	26.191	0.000	0.000	0.011	
2021	VTC039	0.186	0.012	0.000	76.931	0.000	0.000	0.011	
2022	LOAN01	0.303	0.004	0.000	71.116	0.000	0.000	0.003	
2023	TS073C	0.005	0.008	0.000	10064.179	0.006	0.001	0.000	
2024	TONY01	0.012	0.001	0.000	0.000	0.000	0.000	0.000	
2025	DLZ12A	0.009	0.008	0.000	0.000	0.000	0.000	0.007	
2026	MVD12M	0.008	0.005	0.000	0.000	0.000	0.000	0.004	
2027	MVZ12I	0.005	0.002	0.000	0.000	0.000	0.001	0.000	
2028	MVR12M	0.000	0.000	0.000	23902.425	0.000	0.000	0.000	
2029	NMD008	0.044	0.004	0.000	321.871	0.000	0.000	0.003	
202A	LOAN22	0.005	0.001	0.000	1395.319	0.000	0.001	0.000	
202B	NMD009	0.122	0.009	0.000	117.682	0.000	0.001	0.008	
202C	NMD010	0.069	0.007	0.000	0.000	0.000	0.000	0.006	
202D	VTC202	0.139	0.015	0.000	102.729	0.000	0.000	0.013	
202E	RMF002	0.595	0.005	0.000	446.789	0.000	0.000	0.004	
202F	VTC203	0.249	0.012	0.000	230.650	0.000	0.000	0.011	
2030	VTC204	0.248	0.012	0.000	57.826	0.000	0.000	0.011	
2031	DB2036	0.077	0.007	0.000	647.860	0.000	0.000	0.007	

ERXT0225/EZXT0225: Volume Space Stats

This report shows a list of volumes and their remaining space.

13/01/yy		VOLUME SPACE STATS												PAGE	1
SYS ID	VOLSER	RECDATE	RECTIME	OWNER ID	NUMBER DSCBS	AVAILABLE DSCBS	UNUSED ALT TRKS	CYLS UNALLOC	TRACKS UNALLOC	MAX CYLS IN UNALLOC	MAX TRACKS EXT IN UNALLOC	EXTENTS UNALLOC	DEVICE NUMBER		
HP91	MVHP00	yy/01/13	15:44:24	CPVOL	7500	7478	45	46	30	19	0	8	06E5		
HP91	MVHP00	yy/01/13	14:22:04	CPVOL	7500	7478	45	46	30	19	0	8	06E5		
HP91	MVHP91	yy/01/13	15:44:23	CPVOL	7500	6836	45	5283	316	3478	0	76	06E4		
HP91	MVHP91	yy/01/13	14:22:04	CPVOL	7500	6827	45	5200	307	3478	0	74	06E4		
HP91	MVHP92	yy/01/13	15:44:25	CPVOL	700	470	45	7351	45	7330	0	7	06E7		
HP91	MVHP92	yy/01/13	14:22:05	CPVOL	700	470	45	7351	45	7330	0	7	06E7		
HP91	MVHP94	yy/01/13	15:44:23	CPVOL	7500	7209	45	7343	153	3323	0	39	06E3		
HP91	MVHP94	yy/01/13	14:22:04	CPVOL	7500	7209	45	7343	153	3323	0	39	06E3		
HP91	MVHP97	yy/01/13	15:44:25	CPVOL	7500	7193	45	6163	70	3181	0	31	06E6		
HP91	MVHP97	yy/01/13	14:22:05	CPVOL	7500	7193	45	6163	70	3181	0	31	06E6		
HP91	MV510C	yy/01/13	15:44:21		7500	7158	45	7727	63	5647	6	11	06E0		
HP91	MV510C	yy/01/13	14:22:03		7500	7158	45	7727	63	5647	6	11	06E0		
HP91	MV510D	yy/01/13	15:44:22	CPVOL	7500	7215	45	7934	26	5647	6	7	06E2		
HP91	MV510D	yy/01/13	14:22:03	CPVOL	7500	7215	45	7934	26	5647	6	7	06E2		
HP91	VOL6E1	yy/01/13	15:44:22	CPVOL	7500	7493	45	9995	9	5647	6	4	06E1		
HP91	VOL6E1	yy/01/13	14:22:03	CPVOL	7500	7493	45	9995	9	5647	6	4	06E1		

HP91
END OF REPORT

ERXT0226/EZXT0226: Disk Device Statistics

This report shows the timings for each volume of each RMF interval.

19/04/yy		DISK DEVICE STATISTICS										PAGE 1
SYS ID	VOLUME SERIAL	RECDATE	RECTIME	DEVICE NUMBER	LOGICAL CU	DEVICE CONNECT	DEVICE PENDING	DEVICE ACTIVE	DEVICE DISCONNECT	DEVICE DELAY TIME	CU DELAY TIME	
XAD1	ACF201	yy/01/18	00:00:02	0A0B	0146	0.46	1.24	5.85	4.13	0.10	0.00	
XAD1	ACF201	yy/01/18	00:15:01	0A0B	0146	0.15	0.17	1.68	1.35	0.12	0.02	
XAD1	ACF201	yy/01/18	00:30:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	00:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	01:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	01:15:01	0A0B	0146	0.25	0.11	1.57	1.21	0.02	0.06	
XAD1	ACF201	yy/01/18	01:30:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	01:45:01	0A0B	0146	1.64	0.38	23.52	21.50	0.05	0.09	
XAD1	ACF201	yy/01/18	02:00:01	0A0B	0146	0.17	0.08	1.12	0.86	0.06	0.00	
XAD1	ACF201	yy/01/18	02:15:01	0A0B	0146	9.88	0.90	61.63	50.84	0.12	0.00	
XAD1	ACF201	yy/01/18	02:30:01	0A0B	0146	28.48	0.97	71.60	42.13	0.18	0.06	
XAD1	ACF201	yy/01/18	02:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	03:00:01	0A0B	0146	1.63	0.25	21.48	19.59	0.01	0.00	
XAD1	ACF201	yy/01/18	03:15:01	0A0B	0146	0.06	0.06	0.53	0.41	0.04	0.00	
XAD1	ACF201	yy/01/18	03:30:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	03:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	04:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	04:15:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	04:30:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	04:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	05:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	05:15:01	0A0B	0146	0.07	0.03	0.67	0.56	0.02	0.00	
XAD1	ACF201	yy/01/18	05:30:01	0A0B	0146	0.13	0.05	1.06	0.87	0.04	0.00	
XAD1	ACF201	yy/01/18	05:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	06:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	06:15:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	06:30:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	06:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	07:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	07:15:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	07:30:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	07:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	08:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	08:15:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	08:30:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	08:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	09:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	09:15:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	09:30:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	09:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	10:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	10:15:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	10:30:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	10:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	11:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	11:15:01	0A0B	0146	0.05	0.02	0.43	0.35	0.01	0.00	
XAD1	ACF201	yy/01/18	11:30:01	0A0B	0146	0.24	0.01	1.01	0.75	0.00	0.00	
XAD1	ACF201	yy/01/18	11:45:01	0A0B	0146	0.17	0.04	1.19	0.97	0.02	0.00	
XAD1	ACF201	yy/01/18	12:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	12:15:01	0A0B	0146	0.37	0.03	1.13	0.72	0.02	0.00	
XAD1	ACF201	yy/01/18	12:30:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	12:45:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	13:00:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	
XAD1	ACF201	yy/01/18	13:15:01	0A0B	0146	0.00	0.00	0.00	0.00	0.00	0.00	

Chapter 13: Enqueue Reports

This section contains the following topics:

[ERXT0168/EZXT0168: Exclusive Enqueue Contention Report](#) (see page 151)

[ERXT0218/EZXT0218: Eng Stats](#) (see page 152)

ERXT0168/EZXT0168: Exclusive Enqueue Contention Report

This report lists, by the holding job name, all of the exclusive enqueues that were held. It lists the average number of contenders for the enqueue, broken out as to whether the contenders required shared or exclusive use. This report can show which jobs may be causing bottlenecks in the system by long contention queues for an exclusive enqueue.

Note: This sample report requires that the record selection statement be edited or that other user modifications be made to match your environment. Failure to do so may result in a message indicating that no records were selected.

104/03/04		EXCLUSIVE ENQUEUE CONTENTION REPORT				PAGE 1
REPORT ID: ERXT0168		SYSPLEX: PLEXC1				
SOURCE : SMF 77		SYSTEM: XE44				
		JOB NAME: DENM44				
MAJOR NAME	MINOR NAME	TOTAL CON. TIME	TOTAL CONT EVENTS	AVG EXCL REQ WAIT	AVG SHR REQ WAIT	
0	SYSZMCS	0.00	3	1.00	0.00	
	SYSZMCS	0.00	1	1.00	0.00	
	SYSZMCS	0.00	4	1.00	0.00	
	SYSZMCS	0.00	4	1.00	0.00	
104/03/04		EXCLUSIVE ENQUEUE CONTENTION REPORT				PAGE 2
REPORT ID: ERXT0168		SYSPLEX: PLEXC1				
SOURCE : SMF 77		SYSTEM: XE44				
		JOB NAME: DEVDE01				
MAJOR NAME	MINOR NAME	TOTAL CON. TIME	TOTAL CONT EVENTS	AVG EXCL REQ WAIT	AVG SHR REQ WAIT	
0	SYSZMCS	0.00	9	1.00	0.00	
	SYSZMCS	0.00	9	1.00	0.00	
	SYSZMCS	0.00	9	1.00	0.00	

ERXT0218/EZXT0218: Enq Stats

This report lists all ENQ conflicts, as well as the responsible tasks. The report is ordered by the Major and Minor ENQ name.

01/02/yy			ENQ STATS						PAGE 1	
SYS ID	MAJOR NAME	MINOR NAME	INTRVL DATE	START TIME	OWNER1 SYSID	JOB1 OWNER	WAIT1 SYSID	JOB1 WAIT	WAIT2 SYSID	JOB2 WAIT
XE96	ACFVSAM	INFOSTG	yy/01/02	12:00:00	XE96	INIT	XE96	INIT		
XE96		INFOSTG								
XE96	ACFVSAM	0494	yy/01/02	12:00:00	XE96	INIT	XE96	INIT		
XE96		0494								
XE96	SYSDSN	ELLPH01.XE96.JCL	yy/01/02	12:00:00	XE96	ELLPH01	XE96	ELLPH01I		
XE96		ELLPH01.XE96.JCL								
XE96	SYSDSN	PMAREST.DEVL.TEST.DATASET1	yy/01/02	12:00:00	XE96	ELLPH013	XE96	ELLPH012		
XE96		PMAREST.DEVL.TEST.DATASET1								
XE96	SYSIGGV2	ICF.VMVXE96	yy/01/02	14:30:01	XE96	CATALOG	XE96	CATALOG		
XE96	SYSIGGV2	ICF.VMVXE96	yy/01/02	12:00:00	XE96	CATALOG	XE96	CATALOG		
XE96		ICF.VMVXE96								
XE96	SYSVT0C	XE96S4	yy/01/02	12:00:00	XE96	ELLPH015	XE96	ELLPH014		
XE96		XE96S4								
XE96	SYSZVDS	ICF.VMVXE96	yy/01/02	14:30:01	XE96	CATALOG	XE96	CATALOG		
XE96	SYSZVDS	ICF.VMVXE96	yy/01/02	12:00:00	XE96	CATALOG	XE96	CATALOG		
XE96		ICF.VMVXE96								
XE96	SYSZVDS	XE96S4	yy/01/02	12:00:00	XE96	CATALOG	XE96	CATALOG		
XE96		XE96S4								
XE96										
END OF REPORT										
REPORT	RECORDS READ	LINES PRINTED								
1	10	45								
**** REPORT PHASE ENDED 0.10 SECONDS.										

Chapter 14: Enterprise Disk System Statistics Reports

This section contains the following topics:

[ERXT0339/EZXT0339: ESS Extent Pool Statistics](#) (see page 153)

[ERXT0340/EZXT0340: ESS Link Statistics](#) (see page 154)

[ERXT0341/EZXT0341: ESS Rank Statistics](#) (see page 155)

ERXT0339/EZXT0339: ESS Extent Pool Statistics

This report provides capacity and performance information on allocated disk space for each extent pool in ESS.

19/04/07	ESS EXTENT POOL STATISTICS					PAGE	1
REPORT ID: ERXT0339	RMF DATE	05/11/06	SYSTEM ID	CA11			
SOURCE : SMF 74-8	RMF TIME	22:59:00	SYSPLEX	PLEXC1			
TYPE-MODEL 002107-921	CACHE DATE	05/11/06	INTERVAL	00:15:00			
SERIAL NUMBER 0000076521	CACHE TIME	22:58:40	CINTERVAL	00:14:59			
			CYCLE	1.000			

EXTENT POOL ID	EXTENT POOL TYPE	EXTENT POOL CAPACITY	NUMBER OF REAL EXTENTS	REAL EXTENT CONVERSIONS	VIRTUAL EXT POOL CAPACITY	NUMBER OF VIRTUAL EXTENTS	VIRTUAL EXT CONVERSIONS

0000	FIBRE 1GB	779	779	0	0	0	0
0001	CKD 1GB	769	873	0	0	0	0
0002	FIBRE 1GB	779	779	0	0	0	0
0003	CKD 1GB	769	873	0	0	0	0
END OF REPORT							

ERXT0340/EZXT0340: ESS Link Statistics

This report shows the average number of transferred bytes and the average number of operations per second for each ESS adapter.

18/07/07		ESS LINK STATISTICS					PAGE 1	
REPORT ID: ERXT0340		RMF DATE 05/11/06		SYSTEM ID CA11				
SOURCE : SMF 74-8		RMF TIME 22:59:00		SYSPLEX		PLEXC1		
TYPE-MODEL 002107-921		CACHE DATE 05/11/06		INTERVAL		00:15:00		
SERIAL NUMBER 0000076521		CACHE TIME 22:58:40		CINTERVAL		00:14:59		
				CYCLE		1.000		

ADAPTER ID	ADAPTER TYPE	LINK TYPE	BYTES /SEC	BYTES /OPERATION	OPERATIONS /SEC	RESP TIME /OPERATION	I/O INTENSITY	

0030	FIBRE 2 GBIT	ECKD READ	5.38M	3.52K	1526.46	0.03	46.22	
		ECKD WRITE	1.78M	610.24	2920.97	0.02	60.97	

							107.19	
-		SCSI READ	145.79	10.92K	0.01	0.00	0.00	
-		SCSI WRITE	0.00	0.00	0.01	0.00	0.00	
0031	FIBRE 1 GBIT	NO DATA	0.00	0.00	0.00	0.00	0.00	
-								
0100	FIBRE 2 GBIT	SCSI READ	0.00	0.00	0.00	0.00	0.00	
-		SCSI WRITE	0.00	0.00	0.01	0.00	0.00	
-								
0300	FIBRE 2 GBIT	ECKD READ	32.65K	2.79K	11.68	0.05	0.69	
-		ECKD WRITE	0.00	0.00	1.92	0.01	0.03	

							0.72	
END OF REPORT								

ERXT0341/EZXT0341: ESS Rank Statistics

This report shows read and write activity statistics in each rank of an ESS entent pool. It also includes some additional characteristics of arrays in a rank (width, minimal speed, and capacity).

23/04/07		ESS RANK STATISTICS										PAGE 1			
REPORT ID: ERXT0341		RMF DATE 05/11/06		SYSTEM ID CA11								PLEXC1			
SOURCE : SMF 74-8		RMF TIME 22:59:00		SYSPLEX											
TYPE-MODEL 002107-921		CACHE DATE 05/11/06		INTERVAL 00:15:00											
SERIAL NUMBER 0000076521		CACHE TIME 22:58:40		CINTERVAL 00:14:59											
				CYCLE 1.000											
XPPOOL ID	RANK ID	XPPOOL TYPE	OPS /SEC	READ /OP	BYTES READ/SEC	READ RTIME/OP	OPS WRTN /SEC	BYTES WRTN/OP	BYTES WRTN/SEC	WRITE RTIME/OP	CNT	WDTH	CAP	ARRAY TYPE	SPEED
0000	0000	FB	0.00	0.00	0.00	0.00	0.10	13.65K	1.45K	210.66	1	6	876	RAID 10	10
0000	0001	FB	0.00	0.00	0.00	0.00	0.16	8.19K	1.31K	142.11	1	6	876	RAID 5	5
---			0.00	0.00	0.00	0.00	0.26	10.37K	2.77K	169.53	2	12	1752	MIXED	5
0002	0002	FB	0.00	0.00	0.00	0.00	0.01	0.00	0.00	217.60	1	6	876	RAID 5	10
---			0.00	0.00	0.00	0.00	0.01	0.00	0.00	217.60	1	6	876	RAID 5	10
0003	0003	CKD	0.00	0.00	0.00	0.00	0.16	8.19K	1.31K	126.32	2	12	1752	MIXED	5
---			0.00	0.00	0.00	0.00	0.16	8.19K	1.31K	126.33	2	12	1752	MIXED	5
GRAND TOTAL			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0		0

Chapter 15: Interface Reports

This section contains the following topics:

[ERXTA001/EZXTA001: ADABAS Activity Summary](#) (see page 158)

[ERXTD001/EZXTD001: CA Datacom Activity Summary](#) (see page 159)

[ERXTI001/EZXTI001: Transaction Performance Analysis](#) (see page 160)

[ERXTN001/EZXTN001: NetView Session Detail](#) (see page 161)

[ERXTR001/EZXTR001: CA Roscoe Session Analysis](#) (see page 162)

[ERXTT001/EZXTT001: Tape Inventory Snapshot](#) (see page 163)

[ERXTX001/EZXTX001: VM Transmission Report](#) (see page 164)

[ERXTZ001/EZXTZ001: VM Resource Utilization](#) (see page 165)

[ERXTZ002/EZXTZ002: Session Detail Stats](#) (see page 167)

[ERXTZ004/EZXTZ004: VM Special Processor Use](#) (see page 168)

ERXTA001/EZXTA001: ADABAS Activity Summary

This report collates and summarizes ADABAS Command Log (CLOG) data by ADABAS Nucleus, ADABAS Client, File Number, and Command Code.

108/01/04		ADABAS ACTIVITY SUMMARY				PAGE 1
REPORT ID: ERXTA001		SYSTEM ID: XAD1				
SOURCE : ADABAS CLOG		ADABAS: ABEJUA1				
		USER ID: TSU05326				
		ACCOUNT: FITCH				
COMMAND CODE	FILE NUMBER	COMMAND COUNT	DESCRIPTORS UPDATED	TOTAL I/O5	CPU TIME HOURS	
CL	0	2	0	0	0.00017	
CL		2	0	0	0.00017	
L3	11	7	0	22	0.00635	
L3	14	4	0	13	0.00375	
L3		11	0	35	0.01010	
L9	11	2	0	3	0.00109	
L9	14	1	0	2	0.00068	
L9		3	0	5	0.00177	
OP	0	2	0	3	0.00115	
OP		2	0	3	0.00115	
RC	0	15	0	0	0.00125	
RC		15	0	0	0.00125	
S1	11	21	0	35	0.02129	
S1	14	20	0	22	0.01461	
S1		41	0	57	0.03590	
		74	0	100	0.05034	
		74	0	100	0.05034	

ERXTD001/EZXTD001: CA Datacom Activity Summary

This report summarizes I/O and CPU usage consumed by each Run Unit, collated by Job Name and Accounting Information.

121/01/04		DATACOM ACTIVITY SUMMARY				PAGE 1
REPORT ID: ERXTD001		SYSTEM ID: XE96				
SOURCE : DATACOM ACCT		APPL JOB: CHARLIEB				
		USER ID: DATSTART				
		ACCOUNT: OTHERS				
RUN UNIT	SESSION DATE	SESSION TIME	ELAPSED TIME (MIN)	RUNNING TIME (MIN)	TOTAL IOS	
00025103	03/12/05	09:49:42	0.25160	0.12551	735	
00025104	03/12/05	09:50:05	0.15488	0.05872	1658	
00025105	03/12/05	09:50:15	0.06874	0.02411	778	
00025106	03/12/05	09:50:20	0.06346	0.01411	1256	
00025107	03/12/05	09:50:26	0.07104	0.01463	903	
121/01/04		DATACOM ACTIVITY SUMMARY				PAGE 2
REPORT ID: ERXTD001		SYSTEM ID: XE96				
SOURCE : DATACOM ACCT		APPL JOB: CHARLIEC				
		USER ID: DATSTART				
		ACCOUNT: OTHERS				
RUN UNIT	SESSION DATE	SESSION TIME	ELAPSED TIME (MIN)	RUNNING TIME (MIN)	TOTAL IOS	
00025110	03/12/05	09:57:53	0.12827	0.04616	738	
00025111	03/12/05	09:58:06	0.24384	0.04889	1658	
00025112	03/12/05	09:58:22	0.11393	0.03541	778	
00025113	03/12/05	09:58:30	0.11351	0.03432	1256	
00025114	03/12/05	09:58:41	0.11274	0.02080	907	

ERXTI001/EZXTI001: Transaction Performance Analysis

This report gives metrics of various IMS transactions, broken down by transaction type. The values on this report match those provided by the CA JARS IMS Interface Working Set report, Transaction Performance Analysis, found in CAJRJCL member IMSJARS.

118/03/04		TRANSACTION PERFORMANCE ANALYSIS								PAGE 1	
REPORT ID: ERXTI001											
DATE: 02/04/09											
TRAN ID	TRANS COUNT	PERCENT USE CNT	CPU TIME MMM.SS.60	MESSAGE GETS	MESSAGE INSERTS	TERMINAL MESSAGES	TOTAL DL/I GETS	ISRT DL/I COUNTS	DLET DL/I COUNTS	REP DL/I COUNTS	
0*PTRACKB	0	0.000	00:00:02	0	0	0	0	0	0	0	
DTSTRAN1	927	27.010	00:01:34	1066	927	1993	0	0	0	0	
TTRACKME	2505	72.989	00:02:14	2660	2505	5165	0	0	0	0	
	3432	100.000	00:03:50	3726	3432	7158	0	0	0	0	
GRAND TOTAL	3432	100.000	00:03:50	3726	3432	7158	0	0	0	0	

ERXTR001/EZXTR001: CA Roscoe Session Analysis

This report lists resource utilization for each CA Roscoe session, sorted by user ID.

SIGN ON DATE		SIGN ON TIME		ELAPSED TIME (HR)	TOTAL IOS	CPU TIME (TM UNITS)	JOBS SUBMITTED
121/01/04							
REPORT ID: ERXTR001				ROSCOE SESSION ANALYSIS			
SOURCE : ROSCOE				PAGE 1			
				SYSTEM ID: XAE1			
				ROSCOE: ROSCOE60			
				USER KEY: CHIWA01			
				ACCOUNT: _____			

02/11/18	12:07:53	2.07662	5768	22	0		
02/11/18	15:43:43	4.11261	428	3	1		
121/01/04							
REPORT ID: ERXTR001				ROSCOE SESSION ANALYSIS			
SOURCE : ROSCOE				PAGE 2			
				SYSTEM ID: XAE1			
				ROSCOE: ROSCOE60			
				USER KEY: COLDE05			
				ACCOUNT: _____			

02/11/18	13:30:33	0.02614	309	4	7		
02/11/18	13:32:11	3.53465	2938	250	5		

ERXTT001/EZXTT001: Tape Inventory Snapshot

This report lists, by Account and Volume Serial, the billing time for each tape in the tape library. It also lists the first data set on the tape, the scratch date (if there is one), and the location of the volume.

108/01/04		TAPE INVENTORY SNAPSHOT			PAGE 1	
REPORT ID: ERXTT001		SYSTEM ID: XE44				
SOURCE : TAPE CATALOG		ACCOUNT:				
VOLUME SERIAL	FIRST DSN ON VOLUME	CREATION DATE	CREATION TIME	SCRATCH DATE	VOLUME LOCATION	
100572	CAI.DASD.DNGAL.TESTTAPE.D042187	87.111	13:24:34	00.000	DC	
100674	CAI.DASD.DNSAW.ARC.A120986	86.343	13:01:54	00.000	DC	
100689	BFCS.EPNE433.FILE1	89.104	12:01:51	00.000	DC	
100721	CAI.DASD.BACKUP.D091786	86.260	11:56:15	00.000	DC	
100726	CAI.DASD.DNSAW.ARC.A120986	86.343	13:34:02	00.000	DC	
100743	BFCS.EPNE433.FILE1	89.104	12:05:04	00.000	DC	
100756	CAI.DASD.DNSAW.ARC.A120986	86.343	13:16:44	00.000	DC	
100792	MIKES.MNT8702.CICSV170.BACKUP	87.329	17:26:55	00.000	DC	
100795	CAI.INSTALL	88.301	11:54:00	00.000	DC	
100798	MIKES.MNT8702.CICSV370.BACKUP	87.329	17:17:06	00.000	DC	
100800	MIKES.MNT8702.CICSV161.BACKUP	87.329	17:18:00	00.000	DC	
100812	MIKES.MNT8702.CICSV	87.329	16:45:55	00.000	DC	
100814	MIKES.MNT8702.CICSV	87.329	16:41:37	00.000	DC	
100815	DAWYA01.TEST	87.302	14:29:45	00.000	DC	
100819	MIKES.MNT8702.CICSV	87.329	16:35:01	00.000	DC	
100822	SHACH02.BK72.SOURCE	87.329	16:20:37	00.000	DC	
100830	CAIPRFBU.JARS.V51BETA.PROFILE	88.047	17:49:09	00.000	DC	
100836	CAI.SYSQA.QA.DSS.SCHD8811.BACKUP	88.344	16:35:22	00.000	DC	
100922	CAI.DASD.DNSAW.ARC.A060587	87.156	18:17:15	00.000	DC	
100949	MVSSYS.ARCHLOG1.B0000090	91.046	14:33:36	00.000	DC	
100953	CAI.OPERA.SYSPRINT.D051187	87.131	18:47:00	00.000	DC	
100978	CAI.TLMS.R53.BKUP.BETA.LISTINGS	87.137	11:38:52	00.000	DC	
101016	TRANBACK.TRAN.BASE.CNTLA2I2	88.158	17:32:06	00.000	DC	
101034	MVSSYS.ARCHLOG2.B0000334	91.315	13:31:11	00.000	DC	
101044	CAI.SYSQA.QA.DSS.SCHD8811.BACKUP	88.344	16:28:48	00.000	DC	
101054	CAI.IMP.SYSPRINT.D021178	87.042	14:40:50	00.000	DC	
101130	DEMO.CA7.R29.LOGTAPE.G0001V00	89.151	17:01:44	00.000	DC	
101133	DEMO.CA7.R29.LOGARCH.G0001V00	89.151	17:03:25	00.000	DC	
101164	SYS.SMFDATA.MS031287.T1608P1	87.071	16:11:42	00.000	DC	
101187	SYS.SMFDATA.MS031287.T1608A1	87.071	16:11:45	00.000	DC	
101195	BLURIO1.QAUNI.PROFILE	88.315	15:28:21	00.000	DC	
101251	CAI.TLMS.R52.CAIHELP	87.152	19:43:06	00.000	DC	
101279	CAI.TLMS.R5310.G8805.LISTINGS	88.162	11:32:16	00.000	DC	
101295	CAI.TLMS.R5310.G8805.LISTINGS	88.162	11:28:17	00.000	DC	
101396	CAI.TLMS.R5310.G8805.LISTINGS	88.162	11:45:51	00.000	DC	
101399	APDAD.MV71.LD	88.363	16:13:08	00.000	DC	
101402	CAI.TLMS.R5310.G8805.LISTINGS	88.162	11:54:18	00.000	DC	
101411	ASM2.ARCH.MASTER.TAPE	88.211	17:12:46	00.000	DC	
101416	CAI.TLMS.R53.BKUP.BETA.LISTINGS	87.137	11:40:08	00.000	DC	
101457	CAI.DASD.BACKUP.D122286	86.356	11:41:13	00.000	DC	
101520	MVSSYS.ARCHLOG2.B0000169	91.136	23:57:22	00.000	DC	
101528	APDAD.DEMOJCL	88.357	10:32:53	00.000	DC	
101534	MVSSYS.ARCHLOG1.B0000166	91.136	23:17:14	00.000	DC	
101572	MVSSYS.ARCHLOG2.B0000389	91.354	17:23:51	00.000	DC	
101587	MARKN.BK300601.V1	87.310	08:28:56	00.000	DC	
101595	WILMI01.BACK8701.DISTLOAD	87.070	20:02:19	00.000	DC	
101657	CAI.TLMS.R5310.BKUP.BETA.LISTINGS	87.288	20:23:43	00.000	DC	
101659	CAI.TLMS.R5310.BKUP.BETA.LISTINGS	87.288	20:26:27	00.000	DC	
101719	CAI.TLMS.R53.BKUP.BETA.LISTINGS	87.137	12:01:47	00.000	DC	
101722	CAI.DASD.DNGAL.TESTTAPE.D041587	87.105	14:31:20	00.000	DC	

ERXTX001/EZXTX001: VM Transmission Report

For each conversation between VMs, either by TCP/IP, CTCA or APPC, this report lists who the partners were, the number of bytes that went in each direction, and the type of communication used.

108/01/yy		VM TRANSMISSION REPORT				PAGE 1
REPORT ID: ERXTX001		SYSTEM ID: *VM*				
SOURCE : VM		USER ID: TCPIP				
RECDATE	RECTIME	PARTNER ID	BYTES SENT	BYTES RECEIVED	TRANSMISSION TYPE	
02/06/25	17:03:13	PORTMAP	0	3928	IUCV/APPC	
02/06/25	17:03:13	SNMPD	0	42429	IUCV/APPC	
02/06/25	17:03:13	SNMPQE	0	244	IUCV/APPC	
02/06/25	17:03:13	VMNFS	0	7744	IUCV/APPC	
02/06/25	17:19:52	VMNFS	0	204	IUCV/APPC	
02/06/25	17:23:15	VMNFS	0	68	IUCV/APPC	
02/06/25	17:26:39	SNMPD	0	42429	IUCV/APPC	
02/06/25	17:26:39	PORTMAP	0	3928	IUCV/APPC	
02/06/25	17:26:39	VMNFS	0	7704	IUCV/APPC	
02/06/25	17:26:39	SNMPQE	0	244	IUCV/APPC	
02/06/25	17:35:31	SYSTEM	2554	24416	VIRTUAL NIC	
02/06/25	17:35:31	VMNFS	0	136	IUCV/APPC	
02/06/25	17:44:04	VMNFS	0	136	IUCV/APPC	

ERXTZ001/EZXTZ001: VM Resource Utilization

This detailed report shows the resource use of each session within each user ID for each user of the VM system.

3/03/yy		VM RESOURCE UTILIZATION							PAGE 43
REPORT ID: EZXTZ001		SYSTEM ID		*VM*					
SOURCE : VM		USER ID		CHG00002					
Logoff Date	Logoff Time	Session Elap Time	# Virtual Tapes	Tape Connect Time	# Virtual Disks	DISK Connect Time	Tot All CP CPU		
07/06/24	21:20:42	16:59	0	:00	0	:00	66.861		
07/06/24	21:25:20	3:42	0	:00	0	:00	0.890		
07/06/24	22:33:17	1:07:18	0	:00	0	:00	0.117		
							67.868		
3/03/yy		VM RESOURCE UTILIZATION							PAGE 44
REPORT ID: EZXTZ001		SYSTEM ID		*VM*					
SOURCE : VM		USER ID		CHG00003					
Logoff Date	Logoff Time	Session Elap Time	# Virtual Tapes	Tape Connect Time	# Virtual Disks	DISK Connect Time	Tot All CP CPU		
07/06/24	22:13:24	1:09:35	0	:00	0	:00	20.026		
							20.026		
3/03/yy		VM RESOURCE UTILIZATION							PAGE 45
REPORT ID: EZXTZ001		SYSTEM ID		*VM*					
SOURCE : VM		USER ID		CHG00004					
Logoff Date	Logoff Time	Session Elap Time	# Virtual Tapes	Tape Connect Time	# Virtual Disks	DISK Connect Time	Tot All CP CPU		
07/06/24	21:29:45	25:51	0	:00	0	:00	1.704		
07/06/24	21:30:13	:03	0	:00	0	:00	0.055		
07/06/24	21:30:18	:03	0	:00	0	:00	0.043		
07/06/24	22:07:24	37:06	0	:00	0	:00	0.819		
07/06/24	22:46:45	39:10	0	:00	0	:00	29.091		
							31.712		
3/03/yy		VM RESOURCE UTILIZATION							PAGE 46
REPORT ID: EZXTZ001		SYSTEM ID		*VM*					
SOURCE : VM		USER ID		CHG00005					
Logoff Date	Logoff Time	Session Elap Time	# Virtual Tapes	Tape Connect Time	# Virtual Disks	DISK Connect Time	Tot All CP CPU		
07/06/24	21:33:19	29:21	0	:00	0	:00	13.775		
07/06/24	21:49:39	16:15	0	:00	0	:00	0.586		
07/06/24	22:18:08	27:39	0	:00	0	:00	19.536		
							33.897		
3/03/yy		VM RESOURCE UTILIZATION							PAGE 47
REPORT ID: EZXTZ001		SYSTEM ID		*VM*					
SOURCE : VM		USER ID		CHG00006					
Logoff Date	Logoff Time	Session Elap Time	# Virtual Tapes	Tape Connect Time	# Virtual Disks	DISK Connect Time	Tot All CP CPU		
07/06/24	21:06:42	2:38	0	:00	0	:00	0.958		
07/06/24	21:21:22	14:03	0	:00	0	:00	37.604		
07/06/24	22:32:10	1:10:25	0	:00	0	:00	15.372		
							53.934		
3/03/yy		VM RESOURCE UTILIZATION							PAGE 48
REPORT ID: EZXTZ001		SYSTEM ID		*VM*					
SOURCE : VM		USER ID		CHG00007					
Logoff Date	Logoff Time	Session Elap Time	# Virtual Tapes	Tape Connect Time	# Virtual Disks	DISK Connect Time	Tot All CP CPU		
07/06/24	21:05:21	1:12	0	:00	0	:00	1.458		
07/06/24	21:06:37	:24	0	:00	0	:00	0.311		
07/06/24	21:24:35	17:11	0	:00	0	:00	0.645		
07/06/24	21:27:11	2:22	0	:00	0	:00	9.714		
07/06/24	22:33:23	1:05:18	0	:00	0	:00	5.719		
							17.847		

ERXTZ002/EZXTZ002: Session Detail Stats

This CA Easytrieve report provides both detail and summary information on CP use.

Note: To get both detail and summary information on a CA Earl report, you must use report IDs ERXTZ002 and ERXTZ003.

3/03/yy		Session Detail Stats								PAGE 1
REPORT ID: EZXTZ002				SYSTEM ID		*VM				
User ID	Logoff Date	Logoff Time	Tot CP Conct Time	Max CP Connect	Tot All CP CPU	Tot All CP Virtual	# CPUs Defined	# CPUS USED		
CFT2ND	07/06/24	20:07:13	374:08:24	46:46:03	1954.224	1170.009	8	8		
					-----R E A L CP-----		----	V I R T CP----		
			Connect	CPU	CP_Addr	Type	CPU	Type		
			46:46:03	0.041	0029	CP	0.000	zAAP		
			46:46:03	4.497	0029	zAAP	1.859	zAAP		
			46:46:03	485.349	0003	CP	293.924	CP		
			46:46:03	482.043	0004	CP	285.322	CP		
			46:46:03	487.017	0006	CP	291.246	CP		
			46:46:03	0.010	0021	CP	0.000	zIIP		
			46:46:03	4.695	0021	zIIP	1.889	zIIP		
			46:46:03	490.572	0008	CP	295.769	CP		
CFT2ND	07/06/24	21:21:39	5:54	2:57	1.596	0.777	2	2		
					-----R E A L CP-----		----	V I R T CP----		
			Connect	CPU	CP_Addr	Type	CPU	Type		
			2:57	0.755	0006	CP	0.377	CP		
			2:57	0.841	0004	CP	0.400	CP		
CFT2ND	07/06/24	21:21:40	14:46	2:58	42.392	39.362	5	5		
					-----R E A L CP-----		----	V I R T CP----		
			Connect	CPU	CP_Addr	Type	CPU	Type		
			2:57	41.784	0003	CP	39.059	CP		
			2:57	0.001	0029	CP	0.000	zAAP		
			2:57	0.014	0029	zAAP	0.005	zAAP		
			2:57	0.548	0008	CP	0.276	CP		
			2:57	0.045	0021	zIIP	0.022	zIIP		

ERXTZ004/EZXTZ004: VM Special Processor Use

This report shows the use of zIIP, zAAP, and IFL.

3/03/yy				VM zIIP Processor Use			PAGE 1		
REPORT ID: EZXTZ004				SYSTEM ID			*VM*		
SOURCE : VM									
User ID	Logoff Date	Logoff Time	zIIP Elig Total CPU	zIIP Elig Super CPU	zIIP Elig Virtual CPU	zIIP Exec Total CPU	zIIP Exec Super CPU	zIIP Exec Virtual CPU	
CFT2ND	07/06/24	20:07:13	0.010	0.010	0.000	4.695	2.806	1.889	
	07/06/24	21:21:40	0.000	0.000	0.000	0.045	0.023	0.022	
CFT2ND			0.010	0.010	0.000	4.740	2.829	1.911	
MIXENG3	07/06/24	21:15:07	0.000	0.000	0.000	226.712	0.036	226.676	
	07/06/24	21:20:55	0.000	0.000	0.000	218.060	0.034	218.026	
MIXENG3			0.000	0.000	0.000	444.772	0.070	444.702	
MIXENG6	07/06/24	21:06:42	0.000	0.000	0.000	91.230	0.015	91.215	
MIXENG6			0.000	0.000	0.000	91.230	0.015	91.215	
			0.010	0.010	0.000	540.742	2.914	537.828	

3/03/yy				VM zAAP Processor Use			PAGE 1		
REPORT ID: EZXTZ004				SYSTEM ID			*VM*		
SOURCE : VM									
User ID	Logoff Date	Logoff Time	zAAP Elig Total CPU	zAAP Elig Super CPU	zAAP Elig Virtual CPU	zAAP Exec Total CPU	zAAP Exec Super CPU	zAAP Exec Virtual CPU	
CFT2ND	07/06/24	20:07:13	0.041	0.041	0.000	4.497	2.638	1.859	
	07/06/24	21:21:40	0.001	0.001	0.000	0.014	0.009	0.005	
CFT2ND			0.042	0.042	0.000	4.511	2.647	1.864	
MIXENG3	07/06/24	21:20:55	0.000	0.000	0.000	441.636	0.060	441.576	
MIXENG3			0.000	0.000	0.000	441.636	0.060	441.576	
MIXENG6	07/06/24	21:06:42	0.000	0.000	0.000	94.361	0.013	94.348	
MIXENG6			0.000	0.000	0.000	94.361	0.013	94.348	
			0.042	0.042	0.000	540.508	2.720	537.788	

3/03/yy				VM IFL Processor Use			PAGE 1		
REPORT ID: EZXTZ004				SYSTEM ID			*VM*		
SOURCE : VM									
User ID	Logoff Date	Logoff Time	IFL Elig Total CPU	IFL Elig Super CPU	IFL Elig Virtual CPU	IFL Exec Total CPU	IFL Exec Super CPU	IFL Elig Virtual CPU	
MIXENG2	07/06/24	21:29:45	0.034	0.011	0.023	0.000	0.000	0.023	
MIXENG2			0.034	0.011	0.023	0.000	0.000	0.023	
			0.034	0.011	0.023	0.000	0.000	0.023	

Chapter 16: I/O Queuing Reports

This section contains the following topics:

[ERXT0347/EZXT0347: I/O Queuing - I/O Processors Report](#) (see page 170)

[ERXT0348/EZXT0348: I/O Queuing - Logical Control Units Report](#) (see page 172)

[ERXT0349/EZXT0349: I/O Queuing - Channel Paths Report](#) (see page 174)

[ERXT0354/EZXT0354: I/O Queuing - DCM Channels Summary Report](#) (see page 176)

ERXT0347/EZXT0347: I/O Queuing - I/O Processors Report

This report shows the usage of I/O processor (IOP) queues and delays caused by various I/O subsystems. It is broken down by I/O processor identifier. The data is summarized over all the intervals in the input data, EXTDATA type R78A.

The fields in the report are as follows:

IOP

I/O processor queue identifier.

ACTIVITY RATE

Average number of I/O requests placed in the IOP queue per second.

AVG QUE LENGTH

Average number of I/O requests waiting in the IOP queue.

IOP PC BUSY

Percentage of time the IOP was found busy, measured by taking samples.

IO STRT RATE

Average number of I/O requests started by the IOP per second. It should closely match the activity rate.

IO INT RATE

Average number of I/O interrupts processed by the IOP per second.

RETR ALL

Average percentage of retries among all I/O requests started (including retries).

RETR CP/DP/CU/DV BUS

Average percentage of retries that can be attributed to the selected channel path, director port, control unit, or device being busy.

RT/SSC ALL

Average ratio of retries to successful I/O requests started, excluding retries.

RT/SSC CP/DP/CU/DV BUS

Average ratio of specific retries to successful I/O requests started. The retries are attributed to the selected channel path, director port, control unit, or device being busy.

1 2/20/yy		I/O QUEUING - I/O PROCESSORS REPORT										PAGE 1				
REPORT ID: EZXT0347		SYSLEX: PLEXC1														
SOURCE : SMF 78-3		SYSTEM: CA31														
FROM DATE: 08/02/12		FROM TIME: 23:59:00														
TO DATE: 08/02/13		TO TIME: 23:44:00														
-																
IOP	ACTIVITY	AVG QUE	IOP PC	IO STRT	IO INT	RETR	RETR	RETR	RETR	RETR	RT/SSC	RT/SSC	RT/SSC	RT/SSC	RT/SSC	RT/SSC
	RATE	LENGTH	BUSY	RATE	RATE	ALL	CP BUS	DP BUS	CU BUS	DV BUS	ALL	CP BUS	DP BUS	CU BUS	DV BUS	
0 00	1338.951	0.00	2.61	1338.861	1565.177	0.41	0.24	0.03	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01	1787.186	0.00	2.54	1787.178	1782.918	0.11	0.04	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02	2981.652	0.00	3.69	2981.649	3042.767	0.59	0.03	0.00	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
03	3442.378	0.00	4.36	3442.373	3736.935	0.91	0.10	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
04	2574.804	0.00	3.30	2574.793	2944.211	1.08	0.65	0.02	0.40	0.00	0.01	0.00	0.00	0.00	0.00	0.00
05	3219.807	0.00	4.11	3219.540	3914.078	0.53	0.21	0.00	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	15344.780	0.00	3.44	15344.397	16986.089	0.66	0.21	0.00	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ERXT0348/EZXT0348: I/O Queuing - Logical Control Units Report

This report shows queues and delays on each logical control unit (LCU). It is broken down by LCU identifier. The data is summarized over all the intervals in the input data, EXTDATA type R78B.

The fields in the report are as follows:

LCU ID

Logical control unit identifier.

CHAN PATH TAKEN

Average rate of I/O requests going through channel paths attached to this LCU.

PCT PD/CU BUSY

Average percentage of requests deferred due to the director port and control unit being busy.

AVG CUB DELAY

Average delay (in milliseconds) caused by the control unit being busy.

AVG CMR DELAY

Average initial command-response-time delay (in milliseconds) between the first I/O function started and the first response from the device.

CONTENTION RATE

Average number of requests per second placed into the CU-HDR queue for this LCU. A request is placed in the CU-HDR queue if all paths to the control units are busy.

DELAY QUE LEN

Average number of I/O requests waiting in the CU-HDR queue for this LCU.

AVG CSS DELAY

Average delay (in milliseconds) caused by the channel subsystem.

HPAV WAIT

Ratio of I/O requests that could not start because HyperPAV alias was not available, to all I/O requests for this LCU.

HPAV MAX

Maximum of HyperPAV aliases used at once for this LCU.

AVG OPEN EXCHANGES

Estimate of average number of concurrently active I/O operations.

DATA XFER CONCURENCY

Estimate of average number of concurrently active data transfers.

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I/O QUEUING - LOGICAL CONTROL UNITS REPORT

PAGE 1

REPORT ID: EZXT0348
 SOURCE : SMF 78-3
 FROM DATE: 08/02/12
 TO DATE: 08/02/13

SYSPLEX: PLEXC1
 SYSTEM: CA31
 FROM TIME: 23:59:00
 TO TIME: 23:44:00

LCU ID	CHAN PATH TAKEN	PCT PD BUSY	PCT CU BUSY	AVG CUB DELAY	AVG CMR DELAY	CONTENTION RATE	DELAY QUE LEN	AVG CSS DELAY	HPAV WAIT	HPAV MAX	AVG OPEN EXCHANGES	DATA XFER CONCURENCY
0000C	.304	.51	44.63	.00	.00	.250	.00	.33	.00	.00	.00	.00
001B	.189	.00	.00	.00	.00	.000	.00	.00	.00	.00	.00	.00
0022	.004	25.66	21.92	.15	.00	.004	.00	1.84	.00	.00	.00	.00
0030	.004	.00	1.54	.00	.00	.000	.00	.14	.00	.00	.02	.00
0032	2.581	.00	.00	.00	.00	.000	.00	.30	.00	.00	.00	.00
0038	365.622	.00	.88	.00	.17	.023	.00	.21	.00	.00	.35	.24
0039	109.062	.00	1.82	.00	.18	.000	.00	.18	.00	.00	.09	.06
003A	164.218	.00	.17	.00	.16	.009	.00	.18	.00	.00	.18	.12
003B	92.704	.00	1.04	.00	.17	.047	.00	.20	.00	.00	.09	.05
003C	82.981	.00	2.45	.00	.17	.004	.00	.21	.00	.00	.11	.08
003D	336.506	.00	.13	.00	.14	.003	.08	.19	.00	.00	.25	.17
003E	314.724	.00	.03	.00	.14	.000	1.90	.17	.00	.00	.22	.14
003F	78.647	.00	.07	.00	.18	.002	.82	.20	.00	.00	.09	.05
0040	48.716	.00	.02	.00	.17	.001	.00	.20	.00	.00	.04	.03
0041	148.411	.00	.06	.00	.17	.002	.00	.17	.00	.00	.15	.11
0042	107.598	.00	.03	.00	.17	.001	.00	.17	.00	.00	.10	.07
0043	179.386	.00	.35	.00	.16	.566	.00	.16	.00	.00	.10	.06
0044	3.786	.00	.01	.00	.40	.000	.00	.19	.00	.00	.00	.00
0045	179.260	.00	.11	.00	.17	.000	.00	.18	.00	.00	.24	.19
0046	96.681	.00	.07	.00	.16	.000	.00	.15	.00	.00	.07	.05
004F	.000	.00	.00	.00	.22	.000	.00	.11	.00	.00	.00	.00
0051	.921	.00	.00	.00	.76	.000	.00	1.86	.00	.00	.03	.00
0053	.019	.00	.00	.00	1.08	.000	.00	4.18	.00	.00	.00	.00
0054	.328	.00	.00	.00	.77	.000	.00	2.17	.00	.00	.01	.00
0055	.118	.00	.00	.00	.85	.000	.00	2.66	.00	.00	.00	.00
0056	.008	.00	.00	.00	2.15	.000	.00	13.21	.00	.00	.00	.00
0057	.029	.00	.00	.00	.87	.000	.00	3.19	.00	.00	.00	.00
0058	.115	.00	.00	.00	1.55	.000	.00	7.85	.00	.00	.01	.00
0059	.082	.00	.00	.00	.94	.000	.00	3.79	.00	.00	.00	.00

ERXT0349/EZXT0349: I/O Queuing - Channel Paths Report

This report shows statistics for individual channel path and logical control unit combinations. It is broken down by LCU identifier and channel path identifier. DCM channels are included. The data is summarized over all intervals in the input data, EXTDATA type R78C.

The fields in the report are as follows:

LCU ID

Logical control unit identifier.

1ST CU ID

Identifier of the first control unit attached to this LCU.

PATH ID

Channel path identifier.

PATH ATTR

Channel path attributes, which can be PF (if the path is preferred), NP (if the path is not preferred), or DCM if the path is managed by DCM.

CHAN PATH TAKEN

Average rate of I/O requests going through the channel path.

PCT PD/CU BUSY

Average percentage of requests deferred due to the director port and control unit being busy.

AVG CUB DELAY

Average delay (in milliseconds) caused by the control unit being busy.

AVG CMR DELAY

Average initial command-response-time delay (in milliseconds) between the first I/O function started and the first response from the device.

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I/O QUEUING - CHANNEL PATHS REPORT

PAGE 22

REPORT ID: EZXT0349
 SOURCE : SMF 78-3
 FROM DATE: 06/07/24
 TO DATE: 06/07/24

SYSPLX: UTCPLXJ8
 SYSTEM: J80
 FROM TIME: 11:30:00
 TO TIME: 12:00:00

LCU ID	1ST CU ID	PATH ID	PATH ATTR	CHAN PATH TAKEN	PCT PD BUSY	PCT CU BUSY	AVG CUB DELAY	AVG CMR DELAY
00022	1C00	53		.019	.00	.00	.00	.12
0022	1C00	55		.016	.00	.00	.00	.13
0022	1C00			.035	.00	.00	.00	.13
00023	1D00	52		.019	.00	.00	.00	.12
0023	1D00	54		.015	.00	.00	.00	.13
0023	1D00			.035	.00	.00	.00	.12
00024	1E00	53		.018	.00	.00	.00	.14
0024	1E00	55		.017	.00	.00	.00	.12
0024	1E00			.035	.00	.00	.00	.13
00025	1F00	52		.015	.00	.00	.00	.13
0025	1F00	53		.020	.00	.00	.00	.12
0025	1F00			.035	.00	.00	.00	.12
00026	2000	4A		7.479	.00	.00	.00	.17
0026	2000	4B		6.773	.00	.00	.00	.17
0026	2000	4C		.080	.00	.00	.00	.17
0026	2000	4D		7.271	.00	.00	.00	.17
0026	2000	4E		8.187	.00	.00	.00	.15
0026	2000	4F		6.506	.00	.00	.00	.16
0026	2000	50		1.231	.00	.00	.00	.16
0026	2000	51		6.627	.00	.00	.00	.17
0026	2000			44.158	.00	.00	.00	.16
00027	2100	17	DCM	10.665	.65	.00	.00	.00
0027	2100	18		10.409	3.66	.00	.00	.00
0027	2100	27		10.791	.58	.00	.00	.00
0027	2100	2F	DCM	10.795	.68	.00	.00	.00
0027	2100	32	DCM	10.779	.00	.00	.00	.00
0027	2100	3C		10.645	.68	.00	.00	.00
0027	2100			64.087	1.04	.00	.00	.00
00028	2200	4A		4.224	.00	.00	.00	.20
0028	2200	4B		3.788	.00	.00	.00	.21
0028	2200	4C		.039	.00	.00	.00	.19
0028	2200	4D		4.100	.00	.00	.00	.21
0028	2200	4E		4.726	.00	.00	.00	.19
0028	2200	4F		3.729	.00	.00	.00	.20
0028	2200	50		.734	.00	.00	.00	.20
0028	2200	51		3.700	.00	.00	.00	.20
0028	2200			25.043	.00	.00	.00	.20
00029	2300	4A		7.994	.00	.00	.00	.17
0029	2300	4B		7.312	.00	.00	.00	.18
0029	2300	4C		.098	.00	.00	.00	.17

ERXT0354/EZXT0354: I/O Queuing - DCM Channels Summary Report

This report, which is similar to report ERXT0349/EZXT0349, summarizes statistics for DCM channels only. It is broken down by the LCUs that had the channels assigned. The data is summarized over all the intervals in the input data, EXTDATA type R78B.

Dynamic channel path management (DCM) allows z/OS to dynamically change channel path definitions to ESCON director-attached DASD control units in response to changing workloads. DCM moves channel resources to the control units where they are required. Excessive Control Unit Busy or Command Response delays suggest a configuration imbalance that DCM is unable to compensate.

The fields in the report are as follows:

LCU ID

Logical control unit identifier.

DCM MIN/MAX

Minimum and maximum number of DCM managed channel paths used for this LCU during the interval.

DCM DEF

Site-defined number of DCM-managed channel paths for use by this LCU.

CHAN PATH TAKEN

Average rate of I/O requests going through the DCM managed channel paths for this LCU.

PCT PD/CU BUSY

Average percentage of requests deferred due to the director port and control unit being busy.

AVG CUB DELAY

Average delay (in milliseconds) caused by the control unit being busy.

AVG CMR DELAY

Average initial command-response-time delay (in milliseconds) between the first I/O function started and the first response from the device.

1 2/20/08

I/O QUEUING - DCM CHANNELS SUMMARY REPORT

PAGE 2

REPORT ID: EZXT0354
 SOURCE : SMF 78-3
 FROM DATE: 06/07/24
 TO DATE: 06/07/24

SYSPLX: UTCPLXJ8
 SYSTEM: J80
 FROM TIME: 11:30:00
 TO TIME: 12:00:00

LCU ID	DCM MIN	DCM MAX	DCM DEF	CHAN PATH TAKEN	PCT PD BUSY	PCT CU BUSY	AVG CUB DELAY	AVG CMR DELAY
00027	3	3	3	32.241	.44	.00	.00	.00
0044	3	3	3	.978	.00	.00	.00	.00
0046			1	.000	.00	.00	.00	.00
0048	1	1	1	.006	.00	.00	.00	.00
004A	1	1	1	.081	.00	.00	.00	.00
004C			1	.000	.00	.00	.00	.00
		3	1	33.307	.43	.00	.00	.00

Chapter 17: Log Reports

This section contains the following topics:

- [ERXT0017/EZXT0017: Remote Input Log](#) (see page 179)
- [ERXT0023/EZXT0023: Computer Utilization Log](#) (see page 180)
- [ERXT0040/EZXT0040: Queued Jobs Log](#) (see page 181)
- [ERXT0298/EZXT0298: CICS Web Support Log](#) (see page 181)
- [ERXT0334/EZXT0334: CICS RMI Support Log](#) (see page 182)

ERXT0017/EZXT0017: Remote Input Log

This report lists each job execution by *input route code* (INRT CD) identifying the RJE station. You can use this report to evaluate the relative activity at each RJE station.

02/28/yy		REMOTE INPUT LOG											PAGE 1			
INRT CD	JOB NAME	JOB NUM	C L	DSP PTY	RDR DATE	STRT DATE	RDR TIME	STRT DATE	RUN DATE	RUN TIME	CARDS READ	RDR QUE TIME-AVG	ELASPED TIME-AVG	TOTAL EXCPS	TOTAL SERVICE	# TAPE MOUNTS
6	FPARLOAD	9852	E	9	yy/07/29	019:37:40	yy/07/29	000:00:00			213	000:00:15	000:00:03	248	2120	0
		1									213	000:00:15	000:00:03	248	2120	0
02/28/yy		REMOTE INPUT LOG											PAGE 2			
INRT CD	JOB NAME	JOB NUM	C L	DSP PTY	RDR DATE	STRT DATE	RDR TIME	STRT DATE	RUN DATE	RUN TIME	CARDS READ	RDR QUE TIME-AVG	ELASPED TIME-AVG	TOTAL EXCPS	TOTAL SERVICE	# TAPE MOUNTS
7	BPC7SEND	9830	A	9	yy/07/29	019:29:56	yy/07/29	000:00:00			5	000:00:02	000:00:09	236	10436	0
7	BPC7SEND	9825	A	9	yy/07/29	019:27:06	yy/07/29	000:00:00			2463	000:02:21	000:00:09	459	12698	0
7	BPC7SEND	9822	A	9	yy/07/29	019:24:48	yy/07/29	000:00:00			1431	000:01:43	000:00:10	369	12007	0
7	BPC7SEND	9763	A	9	yy/07/29	018:41:19	yy/07/29	000:00:00			171	000:00:12	000:00:07	249	10524	0
7	BPBCLP	9759	E	9	yy/07/29	018:37:36	yy/07/29	000:00:00			1760	000:01:48	000:00:38	1574	64103	0
7	BPC7POST	9741	E	9	yy/07/29	018:29:60	yy/07/29	000:00:00			1	000:00:02	000:00:01	15	467	0
7	BPC7SEND	9739	A	9	yy/07/29	018:29:26	yy/07/29	000:00:00			95	000:00:04	000:00:07	241	10581	0
7	BPC7SEND	9736	A	9	yy/07/29	018:28:54	yy/07/29	000:00:00			34	000:00:02	000:00:07	234	10602	0
7	BPC7SEND	9724	A	9	yy/07/29	018:24:17	yy/07/29	000:00:00			39	000:00:03	000:00:06	236	10450	0
7	BPC7SEND	9716	A	9	yy/07/29	018:22:14	yy/07/29	000:00:00			7	000:00:03	000:00:10	235	10386	0
7	BPC7SEND	9695	A	9	yy/07/29	018:08:31	yy/07/29	000:00:00			2681	000:02:04	000:00:10	482	13633	0
7	BPC7SEND	9691	A	9	yy/07/29	018:08:00	yy/07/29	000:00:00			9	000:00:02	000:00:11	236	10693	0
		12									8696	000:00:42	000:00:10	4566	176580	0
28/02/yy		REMOTE INPUT LOG											PAGE 3			
INRT CD	JOB NAME	JOB NUM	C L	DSP PTY	RDR DATE	STRT DATE	RDR TIME	STRT DATE	RUN DATE	RUN TIME	CARDS READ	RDR QUE TIME-AVG	ELASPED TIME-AVG	TOTAL EXCPS	TOTAL SERVICE	# TAPE MOUNTS
14	IPARLOAD	9769	A	9	yy/07/29	018:45:57	yy/07/29	000:00:00			17	000:00:04	000:00:06	74	1667	0
		1									17	000:00:04	000:00:06	74	1667	0
GRAND TOTAL		14									8926	000:00:38	000:00:09	4888	180367	0

ERXT0023/EZXT0023: Computer Utilization Log

This report provides a chronological listing that provides a permanent record of events for answering questions about specific runs. It also provides a record of all work processed by the computer.

3/01/yy														COMPUTER UTILIZATION LOG		PAGE 1	
JOB NAME	PROGRAM NAME	JOB CLS	JOB NBR	PER GRP	COMP CODE	RDR DATE	START TIME	READER RUN DATE	START TIME	RDR-QUE TIME-AVG	ELAPSED TIME	LINES PRINTED	NBR TAPES				
AAAJN	IEBGENER	K	JOB07911	7	0000	yy/11/10	15:21:06	yy/11/10	15:21:08	00:00:02	00:00:01	0	0				
AAAJN	IEBGENER	K	JOB06065	7	0000	yy/11/10	14:10:48	yy/11/10	14:10:52	00:00:03	00:00:01	0	0				
AAAJN	IEBGENER	K	JOB05794	7	0000	yy/11/10	14:01:10	yy/11/10	14:01:12	00:00:02	00:00:01	0	0				
AAPGL1	IKJEFT01		TSU00031	2	0000	yy/11/10	15:25:13	yy/11/10	15:25:14	00:00:01	00:00:41	0	0				
AAPGL1	IKJEFT01		TSU07570	2	0000	yy/11/10	15:09:12	yy/11/10	15:09:14	00:00:02	00:01:27	0	0				
AAPGL1	IKJEFT01		TSU01707	2	0000	yy/11/10	10:06:51	yy/11/10	10:06:54	00:00:02	00:03:54	0	0				
ABAVI01	CATMP		TSU00603	2	0522	yy/11/10	09:26:43	yy/11/10	09:26:44	00:00:01	00:13:14	0	0				
ABBTH01	REBLOCK	K	JOB07161	7	0000	yy/11/10	11:51:58	yy/11/10	11:50:33	00:00:00	00:00:03	0	0				
ABBTH01	IKJEFT01		TSU02658	2	0000	yy/11/10	10:54:01	yy/11/10	10:54:03	00:00:02	00:02:27	0	0				
ABBTH01	REBLOCK	K	JOB08321	7	0000	yy/11/10	15:18:32	yy/11/10	15:17:04	00:00:00	00:00:03	0	0				
ABBTH01	REBLOCK	K	JOB06128	7	0000	yy/11/10	14:14:06	yy/11/10	14:12:41	00:00:00	00:00:05	0	0				
ABBTH01	REBLOCK	K	JOB08093	7	0000	yy/11/10	14:42:36	yy/11/10	14:41:14	00:00:00	00:00:03	0	0				
ABBTH01	REBLOCK	K	JOB04308	7	0000	yy/11/10	12:33:39	yy/11/10	12:32:13	00:00:00	00:00:03	0	0				
ABBTH01	REBLOCK	K	JOB07266	7	0000	yy/11/10	12:11:10	yy/11/10	12:09:42	00:00:00	00:00:06	0	0				
ACC	ACCUCHEK	J	JOB06089	4	0000	yy/11/10	14:13:11	yy/11/10	14:14:03	00:00:52	00:00:04	0	0				
ACC	ACCUCHEK	J	JOB02553	4	0000	yy/11/10	10:50:16	yy/11/10	10:48:42	00:00:00	00:00:05	0	0				
ACC	ACCUCHEK	J	JOB01373	4	0000	yy/11/10	09:47:04	yy/11/10	09:45:29	00:00:00	00:01:51	0	0				
ACSCAN	AFOLIBR	A	JOB07175	1	0000	yy/11/10	14:51:27	yy/11/10	14:51:30	00:00:03	00:01:11	0	0				
AHETH01	IKJEFT01		TSU03055	2	0522	yy/11/10	11:18:58	yy/11/10	11:19:00	00:00:02	00:11:56	0	0				
AHETH01	IKJEFT01		TSU01005	2	0522	yy/11/10	09:39:43	yy/11/10	09:39:45	00:00:02	00:12:07	0	0				
AHTJOB	IMASPZAP	K	JOB07231	7	0000	yy/11/10	12:00:34	yy/11/10	11:59:01	00:00:00	00:00:01	0	0				
AHTJOB	IEV90	K	JOB08377	7	000C	yy/11/10	15:29:41	yy/11/10	15:28:10	00:00:00	00:00:48	0	0				
AHTJOB	IEV90	K	JOB08366	7	000C	yy/11/10	15:28:15	yy/11/10	15:26:43	00:00:00	00:00:05	0	0				
AHTJOB	IEV90	K	JOB08625	7	0000	yy/11/10	15:51:53	yy/11/10	15:51:00	00:00:00	00:00:55	0	0				
AHTJOB	IEV90	K	JOB08618	7	000C	yy/11/10	15:51:30	yy/11/10	15:49:56	00:00:00	00:01:03	0	0				
AHTJOB	IEV90	K	JOB08580	7	000C	yy/11/10	15:48:34	yy/11/10	15:47:21	00:00:00	00:00:59	0	0				
AHTJOB	IEV90	K	JOB08570	7	000C	yy/11/10	15:47:57	yy/11/10	15:46:25	00:00:00	00:00:55	0	0				
AHTJOB	IEV90	K	JOB08409	7	000C	yy/11/10	15:33:36	yy/11/10	15:32:16	00:00:00	00:01:05	0	0				
AKIOLZAP	IMASPZAP	A	JOB00151	1	0000	yy/11/10	15:31:56	yy/11/10	15:36:53	00:04:57	00:00:02	0	0				
.				
.				
.				
ZIEPA020	AFOLIBR	K	JOB04483	7	0000	yy/11/10	14:18:35	yy/11/10	14:17:01	00:00:00	00:00:05	0	0				
ZIEPA02P	IEWL	K	JOB02466	7	0000	yy/11/10	10:46:15	yy/11/10	10:44:51	00:00:00	00:00:01	0	0				
ZIEPA02P	Earl	K	JOB02466	7	0000	yy/11/10	10:46:15	yy/11/10	10:44:46	00:00:00	00:00:04	0	0				
ZIEPA02P	AFOLIBR	K	JOB02466	7	0000	yy/11/10	10:46:15	yy/11/10	10:44:41	00:00:00	00:00:05	0	0				
ZIEPA02Q	IEWL	K	JOB04694	7	0000	yy/11/10	13:06:23	yy/11/10	13:05:03	00:00:00	00:00:01	0	0				
ZIEPA02Q	Earl	K	JOB04694	7	0000	yy/11/10	13:06:23	yy/11/10	13:04:53	00:00:00	00:00:10	0	0				
ZIEPA02Q	AFOLIBR	K	JOB04694	7	0000	yy/11/10	13:06:23	yy/11/10	13:04:49	00:00:00	00:00:04	0	0				
ZIEPA02R	IEWL	K	JOB02330	7	0000	yy/11/10	10:38:20	yy/11/10	10:36:55	00:00:00	00:00:00	0	0				
ZIEPA02R	Earl	K	JOB02330	7	0010	yy/11/10	10:38:20	yy/11/10	10:36:50	00:00:00	00:00:05	0	0				
ZIEPA02R	AFOLIBR	K	JOB02330	7	0000	yy/11/10	10:38:20	yy/11/10	10:36:47	00:00:00	00:00:03	0	0				
ZIEPA02S	IEWL	K	JOB02351	7	0000	yy/11/10	10:39:51	yy/11/10	10:38:26	00:00:00	00:00:00	0	0				
ZIEPA02S	Earl	K	JOB02351	7	0010	yy/11/10	10:39:51	yy/11/10	10:38:21	00:00:00	00:00:05	0	0				
ZIEPA02S	AFOLIBR	K	JOB02351	7	0000	yy/11/10	10:39:51	yy/11/10	10:38:17	00:00:00	00:00:04	0	0				
ZIEPA02S	IEWL	K	JOB04000	7	0000	yy/11/10	13:19:27	yy/11/10	13:18:11	00:00:00	00:00:01	0	0				
ZIEPA02S	Earl	K	JOB04000	7	0000	yy/11/10	13:19:27	yy/11/10	13:17:57	00:00:00	00:00:14	0	0				
ZIEPA02S	AFOLIBR	K	JOB04000	7	0000	yy/11/10	13:19:27	yy/11/10	13:17:54	00:00:00	00:00:03	0	0				

ERXT0040/EZXT0040: Requeued Jobs Log

This report lists jobs that had to be requeued. It enables you to identify the conditions under which a job was restarted.

2/25/yy REPORT ID: EZXT0040		REQUEUED JOBS LOG								PAGE 1	
JOBNAME	JOB#	JOB CLS	READER START DATE	READER START TIME	INIT START DATE	INIT START TIME	TERM IND	COMP CODE	ELAPSED TIME	CPU TIME	
BALJ003T	JOB06981	T	yy/01/13	12:39:37	yy/01/13	12:51:41	0200	0222	00:29:03		
BALJ003T	JOB06981	T	yy/01/13	12:39:37	yy/01/13	13:22:54	0000	0000			
BEHMA01I	JOB04262	T	yy/01/14	11:03:46	yy/01/14	11:04:03	0200	0222	00:11:19		
BEHMA01I	JOB04262	T	yy/01/14	11:03:46	yy/01/14	11:32:56	0000	0008	00:01:31		
BELST02A	JOB07143	F	yy/01/13	17:26:23	yy/01/13	17:26:27	0200	0222	00:02:00		
BELST02A	JOB07143	F	yy/01/13	17:26:23	yy/01/13	17:29:59	0000	0000	00:00:18		
CAMAN04G	JOB00023	T	yy/01/14	09:25:34	yy/01/14	09:37:50	0200	0222	00:02:44		
CAMAN04G	JOB00023	T	yy/01/14	09:25:34	yy/01/14	10:12:57	0000	0000	00:06:29	00:00:04	
CAMAN04G	JOB05249	T	yy/01/13	15:29:02	yy/01/13	15:32:43	0200	0222	01:33:28		
CAMAN04G	JOB05249	T	yy/01/13	15:29:02	yy/01/13	17:38:12	0200	0222	00:05:04		
CAMAN04G	JOB05249	T	yy/01/13	15:29:02	yy/01/13	20:08:05	0200	0222	00:04:47		
CAPRODUD	JOB07979	A	yy/01/14	09:24:16	yy/01/14	09:24:00	0200	0222	00:02:01		
CAPRODUD	JOB07979	A	yy/01/14	09:24:16	yy/01/14	09:28:02	0000	0000	00:02:32		
CHIT388	JOB07926	A	yy/01/13	13:09:36	yy/01/13	13:09:17	0200	0222	00:02:01		
CHIT388	JOB07926	A	yy/01/13	13:09:36	yy/01/13	13:18:21	0000	0004	00:06:43	00:00:06	
DISPTLMS	JOB04361	P	yy/01/14	03:44:45	yy/01/14	03:44:49	0200	0222	00:02:01		
DISPTLMS	JOB04361	P	yy/01/14	03:44:45	yy/01/14	06:04:00	0200	0222	00:02:00		
DISPTLMS	JOB04361	P	yy/01/14	03:44:45	yy/01/14	06:15:02	0000	0000	00:00:05		
DORDA02A	JOB07756	T	yy/01/14	09:12:33	yy/01/14	09:14:09	0200	0222	00:02:02		
DORDA02A	JOB07756	T	yy/01/14	09:12:33	yy/01/14	09:16:56	0200	0222	00:02:05		
DORDA02A	JOB07756	T	yy/01/14	09:12:33	yy/01/14	09:20:02	0000	0000	00:05:07		
EMEMA052	JOB03955	T	yy/01/13	14:57:21	yy/01/13	15:12:55	0200	0222	00:34:01	00:00:02	
EMEMA052	JOB03955	T	yy/01/13	14:57:21	yy/01/13	16:50:16	0200	0222	00:25:28	00:00:05	
FARZV01J	JOB07169	T	yy/01/13	12:42:33	yy/01/13	13:00:06	0200	0222	00:02:01		
FARZV01J	JOB07169	T	yy/01/13	12:42:33	yy/01/13	13:08:12	0000	0000	00:09:37	00:00:02	
KINPA03A	JOB06597	T	yy/01/13	17:55:23	yy/01/13	18:03:57	0200	0222	00:02:00		
KINPA03A	JOB06597	T	yy/01/13	17:55:23	yy/01/13	18:06:38	0200	0222	00:02:00		
KINPA03A	JOB06597	T	yy/01/13	17:55:23	yy/01/13	18:11:29	0200	0222	00:02:00		
KINPA03A	JOB06597	T	yy/01/13	17:55:23	yy/01/13	19:34:31	0000	0000	00:02:38	00:00:01	
TSSVPREC	JOB04543	T	yy/01/13	15:06:46	yy/01/13	15:08:23	0200	0222	00:23:13	00:00:06	
TSSVPREC	JOB04543	T	yy/01/13	15:06:46	yy/01/13	15:31:54	0000	0000	01:25:15		
VICOPT	JOB06062	K	yy/01/13	12:05:57	yy/01/13	12:06:01	0200	0222	00:02:02		
VICOPT	JOB06062	K	yy/01/13	12:05:57	yy/01/13	12:18:05	0000	0000	00:00:35		
YOSCOMP	JOB05213	A	yy/01/14	11:26:40	yy/01/14	11:26:42	0200	0222	00:02:01		
YOSCOMP	JOB05213	A	yy/01/14	11:26:40	yy/01/14	11:37:58	0000	0000	00:00:03		

ERXT0298/EZXT0298: CICS Web Support Log

This report summarizes Web support statistics by CICS instance.

4/28/05		C I C S WEB Support Log					
		SYSID = CA11					
		APPLID = A11IC9N6					
		DATE = 05/03/14					
TRAN	# READ	# WRITE	# RECEIVE	# RECEIVE	# SEND	# SEND	
CICS CNT	HTTPHEADER	HTTPHEADER	Request	Bytes	Requests	Bytes	
CICS	17	137,619	137,622	137,625	137,628	137,631	137,634
CICS	17	137,619	137,622	137,625	137,628	137,631	137,634

ERXT0334/EZXT0334: CICS RMI Support Log

This report summarizes RMI data by date.

03/02/06		C I C S RMI Support Log						PAGE	1
REPORT ID: ERXT0334		SYSID = 1A01 APPLID = CICTAA00 DATE = 05/11/27							
START DATE	START TIME	RMITOTAL	RMIOTHER	RMIDB2	RMIDBCTL	RMIEXDLI	RMIMQM	RMICPSM	
05/11/27	02:03:25	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:27	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:27	0.8891	0.0000	0.0000	0.0000	0.0000	0.0995	0.7895	
05/11/27	02:03:33	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:33	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:34	0.0298	0.0298	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:34	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:03:37	0.0344	0.0344	0.0000	0.0000	0.0000	0.0000	0.0000	
05/11/27	02:06:33	0.0602	0.0602	0.0000	0.0000	0.0000	0.0000	0.0000	

05/11/27		1.0136	0.1244	0.0000	0.0000	0.0000	0.0995	0.7895	

05/12/02	23:47:31	0.0136	0.0136	0.0000	0.0000	0.0000	0.0000	0.0000	
.									
.									
05/12/04	09:10:41	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	09:40:41	0.0064	0.0064	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	09:40:41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	09:40:41	0.0170	0.0170	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	09:40:41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	09:40:41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	09:59:43	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	10:04:55	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	10:04:55	0.0135	0.0135	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	23:40:41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	23:40:41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	23:40:41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	23:40:41	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	
05/12/04	23:47:06	0.0001	0.0001	0.0000	0.0000	0.0000	0.0000	0.0000	

05/12/04		0.6685	0.2684	0.0000	0.0000	0.0000	0.2293	0.1695	

GRAND TOTAL		1.7278	0.4361	0.0000	0.0000	0.0000	0.3288	0.9611	

Chapter 18: MQSeries Reports

This section contains the following topics:

- [ERXT0247/EZXT0247: MQSeries Detail Log Manager Statistics](#) (see page 184)
- [ERXT0248/EZXT0248: MQSeries Summary Log Manager Statistics](#) (see page 185)
- [ERXT0249/EZXT0249: MQSeries Detail Data Manager Statistics](#) (see page 186)
- [ERXT0250/EZXT0250: MQSeries Summary Data Manager Statistics](#) (see page 187)
- [ERXT0251/EZXT0251: MQSeries Detail Message Manager Statistics](#) (see page 188)
- [ERXT0252/EZXT0252: MQSeries Summary Message Manager Statistics](#) (see page 189)
- [ERXT0253/EZXT0253: MQSeries Buffer Manager Statistics](#) (see page 190)
- [ERXT0254/EZXT0254: MQSeries Buffer Manager Statistics](#) (see page 191)
- [ERXT0255/EZXT0255: MQSeries Accounting Data](#) (see page 191)
- [ERXT0270/EZXT0270: MQSeries Coupling Facility Usage Stats](#) (see page 192)
- [ERXT0271/EZXT0271: MQSeries DB2 Statistics](#) (see page 193)
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- [ERXT0336/EZXT0336: MQSeries Queue Accounting Statistics](#) (see page 199)

ERXT0247/EZXT0247: MQSeries Detail Log Manager Statistics

This report shows detailed statistics about the MQSeries Log Manager by system ID and MQSeries subsystem ID.

JUN 25 yy		MQSERIES DETAIL LOG MANAGER STATISTICS						PAGE 3	
REPORT ID: MQSLOG		SYSTEM ID MQS SUBSYS INTVL DATE		HFN1 H1QA yy/11/02					
INTERVAL END TIME	TOTAL LOG WRITES	WRITE WAIT/NOBUFF	TOTAL LOG READS	READ DELAYED	BOOTSTRAP REQUESTS	ACTIVELOG INTERVALS	CALLS ACTIVELOG	TOTAL ARCH ALLOCS	
00:14:58	0	0	0	0	0	0	0	0	
00:44:52	0	0	0	0	0	0	0	0	
01:14:46	0	0	0	0	0	0	0	0	
01:44:40	0	0	0	0	0	0	0	0	
02:14:34	0	0	0	0	0	0	0	0	
02:44:28	0	0	0	0	0	0	0	0	
03:14:22	0	0	0	0	0	0	0	0	
03:44:16	0	0	0	0	0	0	0	0	
04:14:11	0	0	0	0	0	0	0	0	
04:44:05	6	0	0	0	0	1	1	0	
05:13:59	0	0	0	0	0	0	0	0	
05:32:04	65	0	0	0	0	0	0	0	
06:41:03	80	0	151	0	10	2	4	0	
07:10:48	60	0	0	0	5	2	11	0	
07:40:42	0	0	0	0	0	0	0	0	
08:10:36	0	0	0	0	0	0	0	0	
08:40:30	6	0	0	0	0	0	1	0	
09:10:25	0	0	0	0	0	0	0	0	
09:40:19	459	0	0	0	0	8	86	0	
10:10:13	300	0	0	0	0	5	60	0	
10:40:07	300	0	0	0	0	5	60	0	
11:10:01	471	0	0	0	0	10	85	0	
11:39:55	643	0	0	0	0	16	112	0	
12:09:49	549	0	0	0	0	12	97	0	
12:39:43	777	0	0	0	0	19	133	0	
13:09:38	332	0	0	0	0	6	64	0	
13:39:32	739	0	0	0	12	18	125	0	
14:09:26	357	0	0	0	0	7	69	0	
14:39:20	300	0	0	0	0	5	60	0	
15:09:14	300	0	0	0	0	5	60	0	
15:39:08	455	0	0	0	0	10	84	0	
16:09:02	367	0	0	0	0	6	70	0	
16:38:56	290	0	0	0	0	5	58	0	
17:08:50	300	0	0	0	0	5	60	0	
17:38:45	300	0	0	0	0	5	60	0	
18:08:39	300	0	0	0	0	5	60	0	
18:38:33	300	0	0	0	0	5	60	0	
19:08:27	300	0	0	0	0	5	60	0	
19:38:21	300	0	0	0	0	5	60	0	
20:08:15	300	0	0	0	0	5	60	0	
20:38:09	300	0	0	0	0	5	60	0	
21:08:03	300	0	0	0	0	5	60	0	
21:37:57	290	0	0	0	0	5	58	0	
22:07:52	374	0	0	0	2	7	61	0	
22:37:46	300	0	0	0	12	5	60	0	
23:07:40	300	0	0	0	0	5	60	0	
23:37:34	300	0	0	0	0	5	60	0	

ERXT0248/EZXT0248: MQSeries Summary Log Manager Statistics

This report shows summary statistics about the MQSeries Log Manager system ID, and MQSeries subsystem ID, summarized into days.

NOV 30 yy		MQSERIES SUMMARY LOG MANAGER STATISTICS							PAGE 1	
REPORT ID: MQSLOG		SYSTEM ID			HFN1					
		MQS SUBSYS			H1QA					
RECDATE	TOTAL LOG WRITES	WRITE WAIT/NOBUFF	TOTAL LOG READS	READ DELAYED	BOOTSTRAP REQUESTS	ACTIVELOG INTERVALS	CALLS ACTIVELOG	TOTAL ARCH ALLOCS		
yy/11/01	0	0	0	0	0	0	0	0		
yy/11/02	11,120	0	151	0	41	214	2,079	0		
yy/11/03	14,631	0	0	0	28	246	2,905	0		
yy/11/04	15,785	0	0	0	43	277	3,082	0		
yy/11/05	15,439	0	0	0	36	270	3,028	0		
yy/11/06	15,424	0	0	0	28	270	3,010	0		
yy/11/07	14,835	0	0	0	37	253	2,933	0		
yy/11/08	15,051	0	0	0	29	259	2,954	0		
yy/11/09	13,956	0	151	0	38	241	2,723	0		
yy/11/10	15,057	0	0	0	39	261	2,961	0		
yy/11/11	15,067	0	0	0	40	260	2,955	0		
yy/11/12	15,128	0	0	0	22	263	2,973	0		
yy/11/13	15,978	0	0	0	40	284	3,104	0		
yy/11/14	15,607	0	0	0	34	278	3,038	0		
yy/11/15	14,498	0	0	0	30	242	2,873	0		
yy/11/16	15,349	0	151	0	55	269	2,963	0		
yy/11/17	14,691	0	0	0	27	248	2,910	0		
yy/11/18	15,485	0	0	0	42	274	3,013	0		
yy/11/19	14,595	0	0	0	25	246	2,896	0		
yy/11/20	15,448	0	0	0	43	268	3,028	0		
yy/11/21	14,799	0	0	0	35	253	2,920	0		
yy/11/22	14,503	0	0	0	28	242	2,873	0		
yy/11/23	14,466	0	151	0	41	243	2,836	0		
yy/11/24	14,569	0	14	0	39	244	2,899	0		
yy/11/25	14,702	0	0	0	26	248	2,919	0		
yy/11/26	15,324	0	0	0	42	263	3,008	0		
yy/11/27	14,439	0	0	0	22	241	2,876	0		
yy/11/28	15,063	0	0	0	41	259	2,955	0		
yy/11/29	14,434	0	0	0	26	241	2,873	0		
yy/11/30	14,639	0	0	0	41	245	2,893	0		

	430,082	0	618	0	1,018	7,402	84,480	0		

	430,082	0	618	0	1,018	7,402	84,480	0		

ERXT0249/EZXT0249: MQSeries Detail Data Manager Statistics

This report shows detailed statistics about the MQSeries Data Manager Component by system ID and subsystem ID.

NOV 09 yy		MQSERIES DETAIL DATA MANAGER STATISTICS					PAGE 17	
REPORT ID: MQSDATA		SYSTEM ID MQS SUBSYS INTVL DATE		HFN1 H1QA yy/11/09				
INTERVAL END TIME	OBJECT CREATES	OBJECT PUTS	OBJECT DELETES	OBJECT GETS	OBJECT LOCATES	STGCLASS CHANGES		
00:09:11	0	0	0	5,250	420	0		
00:39:05	0	0	0	5,250	420	0		
01:08:59	0	0	0	5,250	420	0		
01:38:53	0	0	0	5,250	420	0		
02:08:47	0	0	0	5,250	420	0		
02:38:41	0	0	0	5,075	406	0		
03:08:36	0	0	0	5,250	420	0		
03:38:30	0	0	0	5,250	420	0		
04:08:24	0	0	0	5,250	420	0		
04:38:18	0	0	0	5,251	423	0		
05:08:12	0	0	0	5,250	420	0		
05:32:32	0	0	1	3,855	318	0		
07:50:22	0	0	0	2	2	0		
08:20:07	2	1	0	5,190	471	0		
08:50:01	0	0	0	5,311	425	0		
09:19:56	0	0	0	5,310	420	0		
09:49:50	0	0	0	5,137	412	0		
10:19:44	0	0	0	5,310	420	0		
10:49:38	0	0	0	5,310	420	0		
11:19:32	0	0	0	5,401	470	0		
11:49:26	0	0	0	5,310	420	0		
12:19:20	0	0	0	5,310	420	0		
12:49:14	0	0	0	5,310	420	0		
13:19:09	0	0	0	5,310	420	0		
13:49:03	0	0	0	5,310	420	0		
14:18:57	0	0	0	5,310	420	0		
14:48:51	0	0	0	5,310	420	0		
15:18:45	0	0	0	5,133	406	0		
15:48:39	0	0	0	5,310	420	0		
16:18:33	0	0	0	5,310	420	0		
16:48:27	0	0	0	5,310	420	0		
17:18:21	0	0	0	5,310	420	0		
17:48:16	0	0	0	5,310	420	0		
18:18:10	0	0	0	5,310	420	0		
18:48:04	0	0	0	5,310	420	0		
19:17:58	0	0	0	5,310	420	0		
19:47:52	0	0	0	5,310	420	0		
20:17:46	0	0	0	5,133	406	0		
20:47:40	0	0	0	5,310	420	0		
21:17:34	0	0	0	5,310	420	0		
21:47:28	0	0	0	5,310	420	0		
22:17:23	0	0	0	5,310	420	0		
22:47:17	0	0	0	5,310	420	0		
23:17:11	0	0	0	5,310	420	0		
23:47:05	0	0	0	5,310	420	0		
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	2	1	1	230,798	18,439	0		
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ERXT0250/EZXT0250: MQSeries Summary Data Manager Statistics

This report shows summary statistics about the MQSeries Data Manager Component by system ID and MQSeries subsystem ID, by date.

NOV 30 yy	MQSERIES SUMMARY DATA MANAGER STATISTICS						PAGE 1
REPORT ID: MQSDATA	SYSTEM ID MQS SUBSYS			HFN1 H1QA			
RECDATE	OBJECT CREATES	OBJECT PUTS	OBJECT DELETES	OBJECT GETS	OBJECT LOCATES	STGCLASS CHANGES	
yy/11/01	0	0	0	0	0	0	
yy/11/02	3	1	0	150,514	12,363	0	
yy/11/03	0	0	0	251,165	20,114	0	
yy/11/04	0	0	0	256,426	20,611	0	
yy/11/05	0	0	0	251,350	20,205	0	
yy/11/06	0	0	0	251,326	20,195	0	
yy/11/07	0	0	0	251,208	20,132	0	
yy/11/08	0	0	0	251,264	20,162	0	
yy/11/09	2	1	1	230,798	18,439	0	
yy/11/10	0	0	0	254,139	20,162	0	
yy/11/11	0	0	0	254,118	20,153	0	
yy/11/12	0	0	0	254,324	20,182	0	
yy/11/13	0	0	0	259,561	20,642	0	
yy/11/14	0	0	0	254,264	20,228	0	
yy/11/15	0	0	0	253,995	20,090	0	
yy/11/16	2	1	0	253,179	19,851	0	
yy/11/17	0	0	0	259,997	20,147	0	
yy/11/18	0	0	0	259,960	20,204	0	
yy/11/19	0	0	0	259,771	20,108	0	
yy/11/20	0	0	0	265,307	20,582	0	
yy/11/21	2	0	2	258,204	20,025	0	
yy/11/22	0	0	0	259,735	20,090	0	
yy/11/23	2	1	0	256,675	19,622	0	
yy/11/24	0	1	0	265,498	20,111	0	
yy/11/25	1	1	1	265,698	20,174	0	
yy/11/26	0	0	0	271,137	20,558	0	
yy/11/27	0	0	0	265,660	20,104	0	
yy/11/28	0	0	0	265,594	20,141	0	
yy/11/29	0	0	0	265,475	20,090	0	
yy/11/30	0	0	0	265,484	20,108	0	
-----	-----	-----	-----	-----	-----	-----	
	12	6	4	7,361,826	575,593	0	
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	12	6	4	7,361,826	575,593	0	
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ERXT0251/EZXT0251: MQSeries Detail Message Manager Statistics

This report shows detailed statistics about the MQSeries Message Manager Component by system ID and MQSeries subsystem ID.

JUN 25 yy		MQSERIES DETAIL MESSAGE MANAGER STATISTICS					PAGE 3	
REPORT ID: MQMSG		SYSTEM ID MQS SUBSYS INTVL DATE			HFN1 H1QA yy/11/02			
INTERVAL END TIME	MQOPEN REQUESTS	MQCLOSE REQUESTS	MQGET REQUESTS	MQPUT REQUESTS	MQPUT1 REQUESTS	MQINQ REQUESTS	MQSET REQUESTS	
00:14:58	0	0	30	0	0	0	0	
00:44:52	0	0	30	0	0	0	0	
01:14:46	0	0	30	0	0	0	0	
01:44:40	0	0	29	0	0	0	0	
02:14:34	0	0	30	0	0	0	0	
02:44:28	0	0	30	0	0	0	0	
03:14:22	0	0	30	0	0	0	0	
03:44:16	0	0	30	0	0	0	0	
04:14:11	0	0	30	0	0	0	0	
04:44:05	0	1	30	0	1	0	0	
05:13:59	0	0	30	0	0	0	0	
05:32:04	1	4	19	0	0	0	0	
06:41:03	0	0	0	0	0	0	0	
07:10:48	27	21	55	5	7	11	1	
07:40:42	0	0	30	0	0	0	0	
08:10:36	0	0	30	0	0	0	0	
08:40:30	1	0	30	0	1	0	0	
09:10:25	0	0	30	0	0	0	0	
09:40:19	175	168	2,875	2,064	0	25	0	
10:10:13	210	210	3,542	2,580	0	30	0	
10:40:07	210	210	3,540	2,580	0	30	0	
11:10:01	217	216	3,577	2,610	0	30	0	
11:39:55	216	216	3,516	2,554	0	29	0	
12:09:49	218	218	3,598	2,622	0	30	0	
12:39:43	227	227	3,644	2,661	0	30	0	
13:09:38	211	211	3,548	2,586	0	30	0	
13:39:32	226	226	3,640	2,659	0	30	0	
14:09:26	212	212	3,551	2,589	0	30	0	
14:39:20	210	210	3,538	2,580	0	30	0	
15:09:14	210	210	3,539	2,580	0	30	0	
15:39:08	223	220	3,835	2,657	0	31	0	
16:09:02	212	212	5,370	2,622	0	30	0	
16:38:56	203	203	5,256	2,523	0	29	0	
17:08:50	210	210	5,354	2,610	0	30	0	
17:38:45	210	210	5,358	2,610	0	30	0	
18:08:39	210	210	5,358	2,610	0	30	0	
18:38:33	210	210	5,356	2,610	0	30	0	
19:08:27	210	210	5,359	2,610	0	30	0	
19:38:21	210	210	5,356	2,610	0	30	0	
20:08:15	210	210	5,357	2,610	0	30	0	
20:38:09	210	210	5,355	2,610	0	30	0	
21:08:03	210	210	5,354	2,610	0	30	0	
21:37:57	203	203	5,254	2,523	0	29	0	
22:07:52	210	210	5,355	2,610	0	30	0	
22:37:46	210	210	5,360	2,610	0	30	0	
23:07:40	210	210	5,357	2,610	0	30	0	
23:37:34	210	210	5,340	2,610	0	30	0	

ERXT0252/EZXT0252: MQSeries Summary Message Manager Statistics

This report shows summary statistics about the MQSeries Message Manager Component by system ID and MQSeries subsystem, by date.

NOV 30 yy	MQSERIES SUMMARY MESSAGE MANAGER STATISTICS						PAGE	1
REPORT ID: MQSMMSG	SYSTEM ID		HFN1		H1QA			
	MQS SUBSYS							
RECDATE	MQOPEN REQUESTS	MQCLOSE REQUESTS	MQGET REQUESTS	MQPUT REQUESTS	MQPUT1 REQUESTS	MQINQ REQUESTS	MQSET REQUESTS	
yy/11/01	0	0	1,435	0	0	0	0	
yy/11/02	6,142	6,128	131,965	74,925	9	874	1	
yy/11/03	10,053	10,053	254,319	124,877	0	1,435	0	
yy/11/04	10,289	10,289	260,490	127,544	0	1,465	0	
yy/11/05	10,086	10,086	254,705	125,020	0	1,436	0	
yy/11/06	10,080	10,080	255,365	125,011	0	1,435	0	
yy/11/07	10,059	10,059	257,153	124,914	0	1,435	0	
yy/11/08	10,071	10,071	257,066	124,950	0	1,435	0	
yy/11/09	9,205	9,197	178,055	114,748	11	1,319	1	
yy/11/10	10,069	10,069	173,299	126,400	0	1,435	0	
yy/11/11	10,066	10,066	173,090	126,382	0	1,435	0	
yy/11/12	10,078	10,078	173,303	126,494	0	1,436	0	
yy/11/13	10,299	10,299	176,952	129,132	0	1,465	0	
yy/11/14	10,091	10,091	173,207	126,503	0	1,435	0	
yy/11/15	10,045	10,045	172,680	126,280	0	1,435	0	
yy/11/16	9,902	9,894	171,088	125,917	11	1,416	1	
yy/11/17	10,069	10,069	176,013	129,295	0	1,437	0	
yy/11/18	10,083	10,083	176,177	129,337	0	1,435	0	
yy/11/19	10,051	10,051	175,914	129,180	0	1,435	0	
yy/11/20	10,279	10,279	179,689	131,968	0	1,465	0	
yy/11/21	10,005	10,005	174,710	128,419	0	1,427	0	
yy/11/22	10,045	10,045	175,493	129,150	0	1,435	0	
yy/11/23	9,805	9,798	172,519	127,618	9	1,405	1	
yy/11/24	10,052	10,053	178,947	132,038	1	1,435	1	
yy/11/25	10,084	10,082	179,064	132,127	1	1,439	1	
yy/11/26	10,271	10,271	182,633	134,876	0	1,465	0	
yy/11/27	10,052	10,052	178,331	132,112	0	1,436	0	
yy/11/28	10,062	10,062	178,834	132,122	0	1,435	0	
yy/11/29	10,045	10,045	178,490	132,020	0	1,435	0	
yy/11/30	10,050	10,050	178,181	132,021	4	1,437	0	

	287,488	287,450	5,549,167	3,661,380	46	41,012	6	

	287,488	287,450	5,549,167	3,661,380	46	41,012	6	

ERXT0253/EZXT0253: MQSeries Buffer Manager Statistics

This report shows summary statistics about the MQSeries Buffer Management Component by system ID, and MQSeries subsystem ID and date, grouped by the Buffer Pool.

NOV 30 yy		MQSERIES BUFFER MANAGER STATISTICS					PAGE 1	
REPORT ID: MQSBUF		SYSTEM ID MQS SUBSYS BUFFER POOL			HFN1 H1QA 0			
RECDATE	% DASD READS TO PAGE REQ	% REQ EMPTY TO NON EMPTY	% PAGE REQ NOT IN STOR	% DASD WRITES TO PAGE UPD	AVG BUFFERS IN POOL	AVG LOWEST AVAIL	BUFFERS NOTAVAIL	SYNCH STARTS
yy/11/01	00%	00%	00%	00%	2,000	1,990	0	0
yy/11/02	00%	04%	00%	00%	2,000	1,975	0	0
yy/11/03	00%	04%	00%	00%	2,000	1,969	0	0
yy/11/04	00%	04%	00%	00%	2,000	1,969	0	0
yy/11/05	00%	04%	00%	00%	2,000	1,969	0	0
yy/11/06	00%	04%	00%	00%	2,000	1,967	0	0
yy/11/07	00%	04%	00%	00%	2,000	1,969	0	0
yy/11/08	00%	04%	00%	00%	2,000	1,968	0	0
yy/11/09	00%	04%	00%	00%	2,000	1,965	0	0
yy/11/10	00%	04%	00%	00%	2,000	1,955	0	0
yy/11/11	00%	04%	00%	00%	2,000	1,952	0	0
yy/11/12	00%	04%	00%	00%	2,000	1,969	0	0
yy/11/13	00%	04%	00%	00%	2,000	1,953	0	0
yy/11/14	00%	04%	00%	00%	2,000	1,951	0	0
yy/11/15	00%	04%	00%	00%	2,000	1,962	0	0
yy/11/16	00%	04%	00%	00%	2,000	1,959	0	0
yy/11/17	00%	04%	00%	00%	2,000	1,957	0	0
yy/11/18	00%	04%	00%	00%	2,000	1,963	0	0
yy/11/19	00%	04%	00%	00%	2,000	1,963	0	0
yy/11/20	00%	04%	00%	00%	2,000	1,963	0	0
yy/11/21	00%	04%	00%	00%	2,000	1,955	0	0
yy/11/22	00%	04%	00%	00%	2,000	1,966	0	0
yy/11/23	00%	04%	00%	00%	2,000	1,954	0	0
yy/11/24	00%	04%	00%	00%	2,000	1,945	0	0
yy/11/25	00%	04%	00%	00%	2,000	1,947	0	0
yy/11/26	00%	04%	00%	00%	2,000	1,964	0	0
yy/11/27	00%	04%	00%	00%	2,000	1,966	0	0
yy/11/28	00%	04%	00%	00%	2,000	1,968	0	0
yy/11/29	00%	04%	00%	00%	2,000	1,966	0	0
yy/11/30	00%	04%	00%	00%	2,000	1,963	0	0
	00%	04%	00%	00%	2,000	1,963	0	0

ERXT0254/EZXT0254: MQSeries Buffer Manager Statistics

This report shows summary statistics about the MQSeries Buffer Management Component by system ID, and MQSeries subsystem ID and date, grouped by the buffer pool.

JUN 25 yy		MQSERIES BUFFER MANAGER STATISTICS						PAGE 7	
REPORT ID: MQSBUF		SYSTEM ID			HFN1				
		MQS SUBSYS			H1QA				
		RECORD DATE			yy/11/04				
BPID	% DASD READS TO PAGE REQ	% REQ EMPTY TO NON EMPTY	% PAGE REQ NOT IN STOR	% DASD WRITES TO PAGE UPD	AVG BUFFERS IN POOL	AVG LOWEST AVAIL	BUFFERS NOTAVAIL	SYNCH STARTS	
0	00%	04%	00%	00%	2,000	1,969	0	0	
1	00%	01%	00%	02%	2,000	1,996	0	0	
2	00%	02%	00%	03%	5,000	4,991	0	0	
3	00%	00%	00%	100%	5,000	4,998	0	0	
	00%	04%	00%	00%	3,500	3,488	0	0	
	00%	04%	00%	00%	3,500	3,488	0	0	

ERXT0255/EZXT0255: MQSeries Accounting Data

This report shows detailed data from the MQSeries accounting record.

JUN 25 yy		MQSERIES ACCOUNTING DATA						PAGE 5	
REPORT ID: MQSACT		SYSTEM ID			HFN1				
		MQS SUBSYS			H1QA				
		RECORD DATE			yy/11/09				
USER ID	CONNECT	OPER	CPU	MQPUT+MQGET	MQPUT+MQGET	MQPUT+MQGET	MQPUT+MQGET	MQPUT+MQGET	
MVS JOB	NAME	ID	TIME	0 - 99	100-999	1000-9999	> 10000		
HIQACHIN	HIQACHIN	HIQACHIN	00:00:00.2603	0	287	117	12		
HIQACHIN	HIQACHIN	HIQACHIN	00:00:00.5430	1	961	77	0		
HIQACHIN	HIQACHIN	HIQACHIN	00:00:01.4662	1	6	3	0		
HIQACHIN	HIQACHIN	HIQACHIN	00:00:00.0014	1	0	0	0		
HIQMON	HIQMON	HIQMON	00:05:56.3463	541,829	255,776	59,106	0		
HIQMON	HIQMON	HIQMON	00:01:04.4764	15	28	6	0		
HIQACHIN	HIQACHIN	HIQACHIN	00:00:00.0041	0	3	0	0		
			00:06:63.0977	541,847	257,061	59,309	12		

ERXT0270/EZXT0270: MQSeries Coupling Facility Usage Stats

This report shows coupling facility usage when using shared queues.

27/08/yy		MQSERIES COUPLING FACILITY USAGE STATS					PAGE 1	
REPORT ID: ERXT0270		SYSTEM ID		A2CC				
		MQS SUBSYS		IQM6				
		INTVL DATE		01/08/09				
STRUCTURE NAME	TOT UPDT REQUESTS	AVG ELAPSE ALL REQ	REQUESTS REISSUED	EFFECTIVE AVERAGE	STRUCTURE FULL	MAX ELEMENTS IN USE	MAX ENTRIES IN USE	
CFSTRUCTUR01					17	17	17	
CFSTRUCTUR01	68	0.0294	34	0.0588	17			
CFSTRUCTUR01	68	0.0294	34	0.0588	17			
27/08/yy		MQSERIES COUPLING FACILITY USAGE STATS					PAGE 2	
REPORT ID: ERXT0270		SYSTEM ID		A2CC				
		MQS SUBSYS		IQM6				
		INTVL DATE		01/08/09				
STRUCTURE NAME	TOT UPDT REQUESTS	AVG ELAPSE ALL REQ	REQUESTS REISSUED	EFFECTIVE AVERAGE	STRUCTURE FULL	MAX ELEMENTS IN USE	MAX ENTRIES IN USE	
CFSTRUCTUR02					17	17	17	
CFSTRUCTUR02	68	0.0294	34	0.0588	17			
CFSTRUCTUR02	68	0.0294	34	0.0588	17			
27/08/yy		MQSERIES COUPLING FACILITY USAGE STATS					PAGE 3	
REPORT ID: ERXT0270		SYSTEM ID		A2CC				
		MQS SUBSYS		IQM6				
		INTVL DATE		01/08/09				
STRUCTURE NAME	TOT UPDT REQUESTS	AVG ELAPSE ALL REQ	REQUESTS REISSUED	EFFECTIVE AVERAGE	STRUCTURE FULL	MAX ELEMENTS IN USE	MAX ENTRIES IN USE	
CFSTRUCTUR03					17	17	17	
CFSTRUCTUR03	68	0.0294	34	0.0588	17			
CFSTRUCTUR03	68	0.0294	34	0.0588	17			

ERXT0271/EZXT0271: MQSeries DB2 Statistics

This report shows general DB2 server statistics.

27/08/yy	MQSERIES DB2 STATISTICS								PAGE	1		
REPORT ID: ERXT0271	SYSTEM ID		A2CC		MQS SUBSYS		IQM6		INTVL DATE		01/08/09	

SERVER	MAX REQUEST	REQUESTS	DEADLOCK	READ	WRITE	UPDATE	LIST	DELETE				
TASKS	QUEUE DEPTH	REQUEUED	TIMEOUTS	REQUESTS	REQUESTS	REQUESTS	REQUESTS	REQUESTS				

17	17	17	17	17	17	17	17	17	17			
END OF REPORT												

ERXT0272/EZXT0272: MQSeries DB2 Thread and Server Stats

This report breaks down statistics by verb (READ, WRITE, UPDATE, LIST, DELETE) for server and thread statistics for MQSeries use.

27/08/yy	MQSERIES DB2 THREAD AND SERVER STATS				PAGE 1
REPORT ID: ERXT0272	SYSTEM ID	A2CC			
VERB = READ	MQS SUBSYS	IQM6			
	INTVL DATE	01/08/09			

	AVG TIME ON THREAD	AVG TIME ON SERVER	AVG TIME DELAYED	MAX TIME ON THREAD	MAX READ ON SERVER

	0.0588	0.0588	0.0000	1.0000	1.0000
	0.0588	0.0588	0.0000	1.0000	1.0000
	0.0588	0.0588	0.0000	1.0000	1.0000
GRAND TOTAL	0.0588	0.0588	0.0000	1.0000	1.0000
27/08/yy	MQSERIES DB2 THREAD AND SERVER STATS				PAGE 1
REPORT ID: ERXT0272	SYSTEM ID	A2CC			
VERB = WRITE	MQS SUBSYS	IQM6			
	INTVL DATE	01/08/09			

	AVG TIME ON THREAD	AVG TIME ON SERVER	AVG TIME DELAYED	MAX TIME ON THREAD	MAX READ ON SERVER

	0.0588	0.0588	0.0000	1.0000	1.0000
	0.0588	0.0588	0.0000	1.0000	1.0000
	0.0588	0.0588	0.0000	1.0000	1.0000
GRAND TOTAL	0.0588	0.0588	0.0000	1.0000	1.0000
27/08/yy	MQSERIES DB2 THREAD AND SERVER STATS				PAGE 1
REPORT ID: ERXT0272	SYSTEM ID	A2CC			
VERB = UPDATE	MQS SUBSYS	IQM6			
	INTVL DATE	01/08/09			

ERXT0273/EZXT0273: MQSeries Type Work Summary

This report summarizes MQSeries activity by type of work, for example, CICS Batch or TSO, IMS Control, IMS MPP or BMP, Command Server, Channel, and RRS Batch. The format is count of occurrences.

27/08/yy		MQSERIES TYPE WORK SUMMARY							PAGE	1
REPORT ID: ERXT0273		SYSTEM ID		A2CC						
COUNT OF TRANS		MQS SUBSYS		IQM6						
		INTVL DATE		01/08/09						
CICS TRANS COUNT	BAT OR TSO COUNT	IMS CNTL RGN COUNT	IMS MPP OR BMP COUNT	CMD SERVER COUNT	CHAN INIT COUNT	RRS BATCH COUNT	TOTAL TRANS			
2,296	117	0	0	2	212	0	2,627			
2,296	117	0	0	2	212	0	2,627			
2,296	117	0	0	2	212	0	2,627			
GRAND TOTAL	2,296	117	0	0	2	212	0	2,627		

ERXT0274/EZXT0274: MQSeries Type Work Summary

This report summarizes MQSeries activity by type of work, for example, CICS Batch or TSO, IMS Control, IMS MPP or BMP, Command Server, Channel, and RRS Batch. The format is the percent of total occurrences.

27/08/yy		MQSERIES TYPE WORK SUMMARY							PAGE	1
REPORT ID: ERXT0274		SYSTEM ID		A2CC						
PER CENT OF TOTAL		MQS SUBSYS		IQM6						
		INTVL DATE		01/08/09						
CICS TRANS % TOTAL	BAT OR TSO % TOTAL	CNTL REGN % TOTAL	IMS TRANS % TOTAL	CMD SERVER % TOTAL	CHAN INIT % TOTAL	RRS BATCH % TOTAL				
87.400	4.453	0.000	0.000	0.076	8.070	0.000				
87.400	4.453	0.000	0.000	0.076	8.070	0.000				
87.400	4.453	0.000	0.000	0.076	8.070	0.000				
GRAND TOTAL	87.400	4.453	0.000	0.000	0.076	8.070	0.000			

ERXT0275/EZXT0275: MQSeries CICS Task Accounting

This report shows activity by jobname in detailed format.

27/08/yy		MQSERIES CICS TASK ACCOUNTING			PAGE 1	
REPORT ID: ERXT0275		SYSTEM ID A2CC				
		MQS SUBSYS IQM6				
		INTVL DATE 01/08/09				
CONNECT NAME	CMT/BKOUT/OTHR CPU TIME	CMT/BKOUT/OTHR ELAPSED TIME	ELAP TIME LOGGING	TIME PROC PAGE SET	NUMBER COMMITS	
ICIC4T01	0.4626	2.4282	0.0000	0.0000	0	
	0.4626	2.4282	0.0000	0.0000	0	
	0.4626	2.4282	0.0000	0.0000	0	
	0.4626	2.4282	0.0000	0.0000	0	
GRAND TOTAL	0.4626	2.4282	0.0000	0.0000	0	

ERXT0276/EZXT0276: MQSeries CICS Queue Statistics

This report shows CICS activity by jobname and queue in summary format.

27/08/yy		MQSERIES CICS QUEUE STATISTICS				PAGE 1	
REPORT ID: ERXT0276		SYSTEM ID	9S02				
		MQS SUBSYS	QT92				
		INTVL DATE	01/08/06				
BASE NAME	CICS TRAN	TRANSACTION CPU TIME	TRANSACTION ELAPSED TIME	ELAP TIME LOGGING	TIME PROC PAGE SET	NUMBER BYTES	
ADS.MW.INTERACTIVE.REQ.IPTSIT	LBU	0.0044	0.0056	0.0000	0.0000	0	
ADS.MW.INTERACTIVE.REQ.IPTSIT	ADS1	0.0047	0.0518	0.0889	0.0000	5880	
ADS.MW.INTERACTIVE.REQ.IPTSIT		0.0091	0.0574	0.0889	0.0000	5880	
AMO.LOG01	ADS1	0.0006	0.0006	0.0000	0.0000	4854	
AMO.LOG01	ARR1	5.9907	8.3760	0.0000	0.0000	16921082	
AMO.LOG01	BLCE	0.0014	0.0020	0.0000	0.0000	25840	
AMO.LOG01	BLCS	0.0015	0.0018	0.0000	0.0000	6559	
AMO.LOG01	BLC1	0.0273	0.0315	0.0000	0.0000	227961	
AMO.LOG01	BLC2	0.0007	0.0010	0.0000	0.0000	9771	
AMO.LOG01	DMS1	0.0492	0.0559	0.0000	0.0000	551791	
AMO.LOG01	GAI1	3.2439	6.9939	0.0000	0.0000	43459597	
AMO.LOG01	GAI2	0.0005	0.0005	0.0000	0.0000	2403	
AMO.LOG01	ICM1	0.0083	0.0113	0.0000	0.0000	133546	
AMO.LOG01	SBI4	0.0011	0.0014	0.0000	0.0000	5377	
AMO.LOG01	SB04	0.0004	0.0004	0.0000	0.0000	3297	
AMO.LOG01	SB07	0.0007	0.0008	0.0000	0.0000	3260	
AMO.LOG01	SINT	0.0013	0.0013	0.0000	0.0000	46199	
AMO.LOG01		9.3276	15.4784	0.0000	0.0000	61401537	
AMO.LOG02	ADS1	0.0029	0.0029	0.0000	0.0000	26675	
AMO.LOG02	BLCE	0.0006	0.0008	0.0000	0.0000	8477	
AMO.LOG02	BLC1	0.0321	0.0365	0.0000	0.0000	328432	
AMO.LOG02	BLC2	0.0007	0.0009	0.0000	0.0000	13098	
AMO.LOG02	DMS1	0.0541	0.1379	0.0000	0.0000	580624	
AMO.LOG02	GAI1	3.3418	8.1850	0.0000	0.0000	46013273	
AMO.LOG02	ICM1	0.0110	0.0117	0.0000	0.0000	102986	
AMO.LOG02	SB04	0.0006	0.0006	0.0000	0.0000	8293	
AMO.LOG02		3.4438	8.3763	0.0000	0.0000	47081858	
AMO.LOG03	ADS1	0.0028	0.0029	0.0000	0.0000	23132	
AMO.LOG03	BLCE	0.0005	0.0005	0.0000	0.0000	8057	
AMO.LOG03	BLC1	0.0449	0.0514	0.0000	0.0000	534053	
AMO.LOG03	DMS1	0.0529	0.0613	0.0000	0.0000	597860	
AMO.LOG03	GAI1	3.2412	7.7198	0.0000	0.0000	44316129	
AMO.LOG03	GAI2	0.0005	0.0017	0.0000	0.0000	2403	
AMO.LOG03	ICM1	0.0061	0.0065	0.0000	0.0000	48852	
AMO.LOG03	SB04	0.0018	0.0020	0.0000	0.0000	17249	
AMO.LOG03		3.3507	7.8461	0.0000	0.0000	45547735	
AMO.LOG04	ADS1	0.0012	0.0014	0.0000	0.0000	9352	

ERXT0335/EZXT0335: MQSeries DB2 Statistics BLOB READ Times

This report shows BLOB detailed activity.

1	3/07/06				MQSeries DB2 Statistics BLOB READ Times			PAGE	1
		REPORT ID:	EZXT0335		SYSTEM ID	MV41			
					INTVL DATE	05/04/25			
		-							
		MQSERIES	STOP	# DB2 BLOB	TOT ET	MAX ET	TOT ET	MAX ET	
		SUBSYSID	TIME	READ REQS	THD BLOB READ	THD BLOB READ	SQL BLOB READ	SQL BLOB READ	
0		M007	10:13:38	8	2.296744	.528848	2.295839	.528730	
		M008	10:13:44	8	1.321619	.556937	1.320473	.556823	
1	3/07/06								
								PAGE	1
		REPORT ID:	EZXT0335		SYSTEM ID	MV41			
					INTVL DATE	05/04/25			
		-							
		MQSERIES	STOP	# DB2 BLOB	TOT ET	MAX ET	TOT ET	MAX ET	
		SUBSYSID	TIME	INSERT REQS	THD BLOB WRITE	THD BLOB WRITE	SQL BLOB WRITE	SQL BLOB WRITE	
0		M007	10:13:38	16	11.587269	6.312342	6.687947	1.746297	
		M008	10:13:44	16	6.797751	4.854837	2.021481	1.142601	
1	3/07/06								
								PAGE	1
		REPORT ID:	EZXT0335		SYSTEM ID	MV41			
					INTVL DATE	05/04/25			
		-							
		MQSERIES	STOP	# DB2 BLOB	TOT ET	MAX ET	TOT ET	MAX ET	
		SUBSYSID	TIME	UPDATE REQS	THD BLOB UPDT	THD BLOB UPDT	SQL BLOB UPDT	SQL BLOB UPDT	
0		M007	10:13:38		.000000	.000000	.000000	.000000	
		M008	10:13:44		.000000	.000000	.000000	.000000	
1	3/07/06								
								PAGE	1
		REPORT ID:	EZXT0335		SYSTEM ID	MV41			
					INTVL DATE	05/04/25			
		-							
		MQSERIES	STOP	# DB2 BLOB	TOT ET	MAX ET	TOT ET	MAX ET	
		SUBSYSID	TIME	DELETE REQS	THD BLOB DELT	THD BLOB DELT	SQL BLOB DELT	SQL BLOB DELT	
0		M007	10:13:38	8	12.978682	4.467706	11.641033	4.033042	
		M008	10:13:44	8	4.216594	3.892501	3.759665	3.437063	
1	3/07/06								
								PAGE	1
		REPORT ID:	EZXT0335		SYSTEM ID	MV41			
					INTVL DATE	05/04/25			
		-							
		MQSERIES	STOP	# DB2 BLOB	TOT ET	MAX ET	TOT ET	MAX ET	
		SUBSYSID	TIME	LIST REQTS	THD BLOB LIST	THD BLOB LIST	SQL BLOB LIST	SQL BLOB LIST	
0		M007	10:13:38		.000000	.000000	.000000	.000000	
		M008	10:13:44		.000000	.000000	.000000	.000000	

ERXT0336/EZXT0336: MQSeries Queue Accounting Statistics

This report summarizes MGET and MPUT counts and elapsed time. Comments in the sample code tell you how to convert the summary report to a detailed report with summaries.

1 3/16/06		MQSERIES Queue Accounting Statistics						PAGE	1
REPORT ID: EZXT0336 - GET Timing		SYSTEM ID		CA31					
Q OPEN	Q OPEN	MAX QUEUE	FLAGS	# SUCCESS	ET WAIT	# FORC JOUR			
DATE	TIME	DEPTH		DESTR GETS	FORCE 4 GET	WRT 4 GET			
0 05/03/14		0		0	.000000	0			
05/03/15		0		0	.000000	0			
05/04/21		44		0	.000000	0			
05/04/24		7		0	.000000	0			
05/04/25		851		496	.213734	91			
05/08/04		567		37	.000000	0			
		1,469		533	.213734	91			
1 3/16/06		MQSERIES Queue Accounting Statistics						PAGE	1
REPORT ID: EZXT0336 - PUT Timing		SYSTEM ID		CA31					
Q OPEN	Q OPEN	# MQPUT	ET WAIT	# FORC JOUR					
DATE	TIME	MSG CALLS	FORCE 4 PUT	WRT 4 PUT					
0 05/03/14		0	.000000	0					
05/03/15		0	.000000	0					
05/04/21		0	.000000	0					
05/04/24		0	.000000	0					
05/04/25		8	.241827	48					
05/08/04		0	.932484	140					
		8	1.174311	188					
1 3/16/06		MQSERIES Queue Accounting Statistics						PAGE	1
REPORT ID: EZXT0336 - PUT1 and SET Timing		SYSTEM ID		CA31					
Q OPEN	Q OPEN	# MQPUT1	ET WAIT	# FORC JOUR	ET WAIT	# FORC JOUR			
DATE	TIME	MSG CALLS	FORCE 4 PUT1	WRT 4 PUT1	FORCE 4 SET	WRT 4 SET			
0 05/03/14		0	.000000	0	.000000	0			
05/03/15		0	.000000	0	.000000	0			
05/04/21		0	.000000	0	.000000	0			
05/04/24		0	.000000	0	.000000	0			
05/04/25		0	.000000	0	.000000	0			
05/08/04		0	.000000	0	.000000	0			
		0	.000000	0	.000000	0			

Chapter 19: Paging and Memory Reports

This section contains the following topics:

- [ERXT0037/EZXT0037: Peak Paging Periods](#) (see page 201)
- [ERXT0044/EZXT0044: Program Paging Profile](#) (see page 202)
- [ERXT0105/EZXT0105: Data in Virtual Objects Report](#) (see page 203)
- [ERXT0154/EZXT0154: Paging Activity](#) (see page 204)
- [ERXT0155/EZXT0155: Page Frame Utilization](#) (see page 205)
- [ERXT0167/EZXT0167: Page Data Set Activity Summary](#) (see page 206)
- [ERXT0214/EZXT0214: Paging Statistics](#) (see page 207)
- [ERXT0215/EZXT0215: Swap Activity by Reason](#) (see page 208)
- [ERXT0217/EZXT0217: Page/Swap Data Activity](#) (see page 209)
- [ERXT0223/EZXT0223: VLF Statistics](#) (see page 210)

ERXT0037/EZXT0037: Peak Paging Periods

This report shows CPU paging in two hour intervals. It helps management identify when paging problems exist.

04/02/01												PAGE		1
P E A K P A G I N G P E R I O D S														
TIME INTERVAL	NBR STEPS	ACTIVE TIME	ACTIVE TIMEAVG	RESIDENT TIME	RESIDENT TIMEAVG	TCB TIME	TCB TIMEAVG	TOTAL PAGES	TOTAL I/O USAGE	I/O INDEX	CPU PAGE	PERCENT CPU		
00-01.59	1158	181:15:01	00:09:23	181:14:57	00:09:23	03:20:44	00:00:10	59,446	8035,539	641	4	5.90		
02-03.59	941	95:27:47	00:06:05	95:26:13	00:06:05	01:55:06	00:00:07	4,231	8175,678	1131	0	3.40		
04-05.59	1075	07:05:49	00:00:23	07:05:47	00:00:23	00:27:35	00:00:01	1,523	5211,843	2920	0	0.84		
06-07.59	10416	35:51:26	00:00:12	35:51:18	00:00:12	01:28:28	00:00:00	111,293	7815,789	1397	19	2.63		
08-09.59	10004	26:36:03	00:00:09	26:35:54	00:00:09	01:16:11	00:00:00	89,841	5464,943	1156	19	2.22		
10-11.59	7267	736:06:20	00:06:04	736:05:46	00:06:04	01:27:36	00:00:00	67,763	8347,174	1515	12	2.59		
12-13.59	11537	52:14:29	00:00:16	52:13:39	00:00:16	02:34:10	00:00:00	83,641	15913,615	1626	8	4.61		
14-15.59	10914	422:12:57	00:02:19	422:12:08	00:02:19	02:09:44	00:00:00	134,104	7905,802	977	16	3.81		
16-17.59	7552	580:59:04	00:04:36	580:58:52	00:04:36	23:13:57	00:00:11	151,898	11578,939	137	1	39.73		
18-19.59	9	36:21:17	04:02:21	36:21:17	04:02:21	03:02:49	00:20:18	255	2158,998	194	0	5.24		
20-21.59	7	724:02:55	103:26:07	724:02:55	103:26:07	16:36:36	02:22:22	72,918	1095,052	18	1	28.50		
22-23.59	6	08:46:57	01:27:49	08:46:57	01:27:49	00:16:26	00:02:44	108	279,768	272	0	0.48		
GRAND TOTAL	60886	2907:00:09	00:02:51	2906:55:49	00:02:51	57:49:28	00:00:03	777,021	81983,140	386	3	100.00		

ERXT0044/EZXT0044: Program Paging Profile

This report isolates the programs that cause high system paging rates. It can help applications programmers identify programs that might need restructuring.

PROGRAM PAGING PROFILE													PAGE	1
PROGRAM NAME	NBR EXEC	ACTIVE TIME-AVG	SRB TIMEAVG	CPU TIME-AVG	PAGE SECONDS	SWAP CNT	TOT SWAPGE	PAGE IN	PAGE OUT	TOT PAGE	ELAP PAGE	CPU PAGE	CORE USED	CPU INDX
\$ASMBMON	231	00:06:31	00:00:00	00:00:09	535,605	2,258	9,428	85	1	86	0	0	3,152	3
\$CCFB100	5	00:00:02	00:00:00	00:00:00	56	0	0	0	0	0	0	0	380	2
\$CCFB108	5	00:00:00	00:00:00	00:00:00	0	0	0	0	0	0	0	0	0	0
\$COPYTP	1	06:11:33	00:00:22	00:02:36	27,585	4	0	14	0	14	3	0	668	14
\$DASDMNT	30	03:45:26	00:00:20	00:02:07	2,449,259	712	476	872	5	877	10	0	4,404	15
\$GDGMON	52	00:00:12	00:00:00	00:00:00	828	12	0	0	0	0	0	0	112	9
\$INCRVCR	2	00:27:37	00:00:00	00:00:06	1,912	53	80	15	0	15	1	1	1,408	9
\$IXRMAIN	2	25:44:31	00:01:13	00:10:02	334,404	2	60	270	1	271	47	0	3,104	12
\$RXQUMON	2	00:00:00	00:00:08	00:00:00	24,259	9,066	0	201	0	201	0	1	1,504	9
ABEND	1	00:00:00	00:00:00	00:00:00	0	0	0	0	0	0	0	0	0	0
ABENDCK	48	00:00:00	00:00:00	00:00:00	8	0	0	4	0	4	41	66	28	0
ABORT	102	00:00:00	00:00:00	00:00:00	33	0	0	0	0	0	0	0	16	0
ACCUCHEK	1	00:00:00	00:00:00	00:00:00	0	0	0	0	0	0	0	0	0	0
ACFTAP	2	00:00:03	00:00:00	00:00:00	47	0	0	0	0	0	0	0	464	7
ACTIVE	4	00:00:02	00:00:00	00:00:00	23	2	0	0	0	0	0	0	44	3
ADPABLDL	79	00:00:00	00:00:00	00:00:00	84	0	0	0	0	0	0	0	800	2
ADPACOPY	473	00:00:02	00:00:00	00:00:00	3,472	5	0	0	0	0	0	0	188	10
ADPACTLC	161	00:00:01	00:00:00	00:00:00	684	2	0	1	0	1	0	0	328	6
ADPAPDSC	17	00:00:11	00:00:00	00:00:01	2,905	4	0	5	0	5	1	0	232	2
ADPCCARD	481	00:00:00	00:00:00	00:00:00	4,421	3	0	0	1	1	0	0	104	0
ADPCSCPR	1	00:00:00	00:00:00	00:00:00	0	0	0	0	0	0	0	0	0	0
ADPCSTRC	474	00:00:00	00:00:00	00:00:00	427	5	0	0	0	0	0	0	24	0
ADRCOPY	2	00:02:28	00:00:00	00:00:00	12	0	0	3	0	3	1	12	220	48
ADRDSU	91	00:15:29	00:00:01	00:00:17	724,818	1,532	2,250	857	0	857	1	0	4,508	6
ADRSCAN	25	00:01:46	00:00:00	00:00:03	8,323	12	48	1	0	1	0	0	64	7
ADRSEVR	1	00:00:04	00:00:00	00:00:00	4	0	0	0	0	0	0	0	188	0
ADSOBGEN	3	00:00:50	00:00:00	00:00:00	140	0	0	0	0	0	0	0	696	13
ADSORPTS	2	00:00:22	00:00:00	00:00:00	73	0	0	0	0	0	0	0	232	14
AD395	2	00:00:11	00:00:00	00:00:00	222	0	0	0	0	0	0	0	416	2
AFOLIBR	1,585	00:00:14	00:00:00	00:00:00	65,647	385	1,796	148	111	259	1	0	508	7
AHLGTF	2	00:05:24	00:00:00	00:00:01	420	2	60	9	4	13	1	4	1,328	43
.
.
.
WIZPG	2	00:00:00	00:00:00	00:00:00	5	0	0	0	0	0	0	0	84	0
WKY13	1	00:04:05	00:00:00	00:00:18	2,887	0	0	0	0	0	0	0	4,288	0
WKY14	1	00:03:57	00:00:00	00:00:14	2,002	0	0	0	0	0	0	0	4,288	0
WKY15	1	00:03:58	00:00:00	00:00:17	2,707	0	0	0	0	0	0	0	4,288	0
W00806	4	00:00:00	00:00:00	00:00:00	3	0	0	0	0	0	0	0	16	0
WTOR	10	00:00:00	00:00:00	00:00:00	0	2	0	0	0	0	0	0	20	0
XTARMAIN	1	00:00:00	00:00:03	00:00:00	4,994	5,347	110	63	0	63	0	0	164	5
XTD1MAIN	1	26:42:00	00:00:00	00:00:05	450	1	46	158	0	158	78	29	444	6
XTD2MAIN	1	26:41:54	00:00:00	00:00:07	614	1	48	143	0	143	74	18	432	6
XTD3MAIN	1	26:41:26	00:00:00	00:00:04	317	1	62	107	0	107	73	22	436	7
XTD4MAIN	1	26:41:20	00:00:00	00:00:02	81	1	46	54	0	54	40	24	192	10
XTEXMAIN	1	00:00:06	00:00:00	00:00:00	8	2	0	1	0	1	1	10	100	10
	40,115	00:04:20	00:00:00	00:00:02	44,976,329	1312,779	1923,986	639,050	51,631	690,681	14	6	139,136	5

ERXT0105/EZXT0105: Data in Virtual Objects Report

This report provides information concerning the accessing and unaccessing of Data-In-Virtual (DIV) objects.

3/02/yy		DATA-IN-VIRTUAL OBJECTS REPORT						PAGE	1
OBJECT NAME	JOB NAME	STOP DATE	STOP TIME	END SIZE	OBJECT TIME	READ I/O	WRITE I/O		
DIVDD DIVDD	BRIANH3	yy/06/30	08:59:03	17	00:00:27 00:00:27	3	1		
CAFUDIOAF CAFUDIOAF	E316	yy/01/13	13:52:20	450	00:04:04 00:04:04	12			
DYNAMIC DYNAMIC	E316DDIV	yy/01/13	14:13:17	450	00:01:06 00:01:06	1	901		
CAFUDIOAF	E316LDIV	yy/01/13	14:16:10	450	00:00:00	10			
	E316LDIV	yy/01/13	14:16:11	450	00:00:00	10	2		
	E316LDIV	yy/01/13	14:16:12	450	00:00:00	10			
	E316LDIV	yy/01/13	14:16:13	450	00:00:01	10			
	E316LDIV	yy/01/13	14:16:13	450	00:00:00	10	2		
	E316LDIV	yy/01/13	14:16:14	450	00:00:00	10	2		
	E316LDIV	yy/01/13	14:16:15	450	00:00:01	10			
	E316LDIV	yy/01/13	14:16:17	450	00:00:01	10			
	E316LDIV	yy/01/13	14:16:17	450	00:00:00	10	2		
	E316LDIV	yy/01/13	14:16:18	450	00:00:00	10	2		
	E316LDIV	yy/01/13	14:16:19	450	00:00:00	10			
	E316LDIV	yy/01/13	14:16:21	450	00:00:00	10	2		
	E316LDIV	yy/01/13	14:16:22	450	00:00:01	10			
	E316LDIV	yy/01/13	14:16:22	450	00:00:01	10	2		
	E316LDIV	yy/01/13	14:16:23	450	00:00:00	10			
	E316LDIV	yy/01/13	14:16:24	450	00:00:00	10	2		
	E316LDIV	yy/01/13	14:16:25	450	00:00:01	10			
	E316LDIV	yy/01/13	14:16:26	450	00:00:00	10	2		
	E316LDIV	yy/01/13	14:16:27	450	00:00:01	10			
	E316LDIV	yy/01/13	14:16:28	450	00:00:01	10	2		
	E316LDIV	yy/01/13	14:16:29	450	00:00:01	13			
	E316LDIV	yy/01/13	14:16:30	450	00:00:01	13	2		
	E316LDIV	yy/01/13	14:16:31	450	00:00:01	10			
	E316LDIV	yy/01/13	14:16:32	450	00:00:01	10	2		
CAFUDIOAF	E316	yy/01/13	14:20:03	450	00:00:28 00:00:40	2			
DYNAMIC DYNAMIC	E316DDIV	yy/01/13	14:26:15	450	00:00:59 00:00:59	1	901		
CAFUDIOAF	E316LDIV	yy/01/13	14:27:22	450	00:00:00	10			
	E316LDIV	yy/01/13	14:27:23	450	00:00:01	10			
	E316LDIV	yy/01/13	14:27:23	450	00:00:00	10	2		
	E316LDIV	yy/01/13	14:27:24	450	00:00:01	10	2		

ERXT0154/EZXT0154: Paging Activity

This report shows the demands on system paging over the course of the interval of data provided. The report shows the Page In and Page Out rates (if applicable) for LPA, CSA and private storage, and also breaks down private storage into Hiperspace, VIO and non-VIO pages.

1 3/04/04		PAGING ACTIVITY				PAGE 1	
REPORT ID: EZXT0154		SYSPLEX: PLEXC1					
SOURCE : SMF 71		SYSTEM: XAD1					
-							
0		PAGE IN			PAGE OUT		
CATEGORY	SWAP	NON SWAP BLOCK	NON SWAP NON BLOCK		SWAP	NON SWAP	
PAGEABLE SYSTEM							
LPA			.01				
CSA			.06			.00	
			-----			-----	
SUM			.07			.00	
ADDRESS SPACES							
HIPER SP		.08				106.10	
VIO		2.71				.51	
NON VIO	.00	2.15	.71		.00	3.16	
		-----	-----		-----	-----	
SUM	.00	4.94	.71		.00	109.77	
TOTAL SYSTEM							
HIPER SP		.08				106.10	
VIO		2.71				.51	
NON VIO	.00	2.15	.78		.00	3.16	
		-----	-----		-----	-----	
SUM	.00	4.94	.78		.00	109.77	

ERXT0155/EZXT0155: Page Frame Utilization

This report shows the number of pages used to back different types of virtual memory in the system. The pages backed are broken down into the nucleus, SQA, LPA, CSA, LSQA and private. A report on how many of the pages are fixed is also provided. This can be used to determine if the sizes for LPA, CSA and other common areas are set properly.

1 3/04/04		PAGE FRAME UTILIZATION			PAGE 1		
REPORT ID: EZXT0155		SYSPLEX: PLEXC1					
SOURCE : SMF 71		SYSTEM: XAD1					
ALL VALUES REPRESENT PAGE FRAME COUNTS							
-							
0	PAGEABLE			FIXED			
	AVG MIN	AVG MAX	AVERAGE	AVG MIN	AVG MAX	AVERAGE	
NUCLEUS				2,231.00	2,231.00	2,231.00	
SQA	8,842.31	8,876.76	8,856.29	7,624.45	7,658.59	7,637.94	
LPA	6,497.56	6,511.72	6,504.32	84.00	84.55	84.00	
CSA	7,883.74	8,213.04	7,926.05	773.80	776.88	774.98	
LSQA	30,190.65	30,781.48	30,484.17	19,957.04	20,396.98	20,174.91	
PRIV/SWA	349,346.10	387,694.87	363,556.11	14,802.08	15,564.70	15,061.26	
AVAILABLE	80,510.93	119,119.95	104,728.08				

ERXT0167/EZXT0167: Page Data Set Activity Summary

This report shows the size and total use of the page datasets in the system, as well as the activity rate for Page Ins and Page Outs. The data can be used to determine if the amount of page space is sufficient or not, and if the system is spending more time doing paging than processing workloads.

PG SPC		VOLUME	DATA SET NAME	SLOTS	AVG SLOTS	SLOTS	SLOTS USED	I/O TO	PAGES	TRANSFE
TYPE		SERIAL		ALLOC	USED	PERCENTAGE	DATASET	TRANSFERRED	TIM	
104/03/04 PAGE DATASET ACTIVITY SUMMARY PAGE 1										
REPORT ID: ERXT0167			SYSPLEX: PLEXC1							
SOURCE : SMF 75			SYSTEM: XAD1							

0PLPA	MVPC01	PAGE.VMPC01.PLPA2		179	179	100.00	5	3	0.000	
COMMON	MVPC01	PAGE.VMPC01.COMMON2		89999	18932	21.03	3354	5874	0.001	
LOCAL	MVP01A	PAGE.VMVP01A.LOCALA		539999	33054	6.12	8102	60082	0.001	
LOCAL	MVP01B	PAGE.VMVP01B.LOCALB		539999	33739	6.24	8292	58714	0.001	
LOCAL	MVP01C	PAGE.VMVP01C.LOCALC		539999	33781	6.25	8108	58693	0.001	
LOCAL	MVP01D	PAGE.VMVP01D.LOCALD		539999	32633	6.04	7926	56646	0.000	
LOCAL	MVP01E	PAGE.VMVP01E.LOCALE		539999	33344	6.17	8339	59620	0.000	
LOCAL	MVP01F	PAGE.VMVP01F.LOCALF		539999	33680	6.23	7973	58365	0.001	
LOCAL	MVP01G	PAGE.VMVP01G.LOCALG		600119	33289	5.54	7622	57093	0.001	
LOCAL	MVP01H	PAGE.VMVP01H.LOCALH		600119	32299	5.38	7513	57044	0.001	
104/03/04 PAGE DATASET ACTIVITY SUMMARY PAGE 2										
REPORT ID: ERXT0167			SYSPLEX: PLEXC1							
SOURCE : SMF 75			SYSTEM: XAD1							

0										
GRAND TOTAL				453041	28493	6.28	67234	472134	0.001	

1	REPORT	RECORDS READ	LINES PRINTED							
	1	860	31							
-**** REPORT PHASE ENDED										

ERXT0214/EZXT0214: Paging Statistics

The following is a detail report showing swap activity and CSA availability.

10/01/yy			PAGING STATISTICS					PAGE 1	
SYS ID	INTRVL DATE	START TIME	NON-VIO/SWAP PAGEINS	NON-VIO/SWAP PAGEOUTS	ADD SPACE SWAP SEQUENCES	MINIMUM CSA FRAMES	MAXIMUM CSA FRAMES	AVERAGE CSA FRAMES	
XE96	yy/01/10	07:23:43	4911	3476	2	0	224	135	
XE96	yy/01/10	07:30:00	5318	3159	22	48	232	135	
XE96	yy/01/10	07:45:01	12024	6511	52	0	253	130	
XE96	yy/01/10	08:00:04	12495	5759	37	25	267	127	
XE96	yy/01/10	08:15:01	6864	3558	52	0	250	119	
XE96	yy/01/10	08:30:02	3993	1859	23	0	189	115	
XE96	yy/01/10	08:45:01	180	169	0	0	158	127	
XE96	yy/01/10	09:00:38	712	667	1	22	165	113	
XE96	yy/01/10	09:15:02	9245	4485	60	22	200	123	
XE96	yy/01/10		55742	29643	249				
XE96			55742	29643	249				
GRAND TOTAL			55742	29643	249				
REPORT	RECORDS READ	LINES PRINTED							
1	9	23							
****	REPORT PHASE ENDED	0.10 SECONDS.							

ERXT0215/EZXT0215: Swap Activity by Reason

The following is a detail swap activity report by reason.

25/04/yy		SWAP ACTIVITY BY REASON							PAGE 1
SYS ID	SWAP REASON	INTERVAL DATE	START TIME	TOTAL CANDIDATES	PHYSICAL SWAPS TO AUX	LOGICAL SWAPS TO EXP	LOGICAL SWAPS TO AUX	PHYSICAL SWAPS TO EXP	
XAD1	TERMINAL O/P WAIT	yy/04/25	12:15:00	716	0	0	0	0	
XAD1	TERMINAL O/P WAIT	yy/04/25	12:30:00	912	0	0	1	0	
XAD1	TERMINAL O/P WAIT	yy/04/25	12:45:00	728	0	1	0	0	
XAD1	TERMINAL O/P WAIT	yy/04/25	13:00:00	975	0	0	0	0	
XAD1	TERMINAL O/P WAIT	yy/04/25	13:15:00	844	0	0	0	0	
XAD1		yy/04/25		4175	0	1	1	0	
XAD1				4175	0	1	1	0	
XAD1	TERMINAL I/P WAIT	yy/04/25	12:15:00	4171	0	59	0	0	
XAD1	TERMINAL I/P WAIT	yy/04/25	12:30:00	4028	0	114	4	0	
XAD1	TERMINAL I/P WAIT	yy/04/25	12:45:00	4161	0	92	1	0	
XAD1	TERMINAL I/P WAIT	yy/04/25	13:00:00	4067	0	89	8	0	
XAD1	TERMINAL I/P WAIT	yy/04/25	13:15:00	5150	0	95	5	0	
XAD1		yy/04/25		21577	0	449	18	0	
XAD1				21577	0	449	18	0	
XAD1	LONG WAIT	yy/04/25	12:15:00	2172	0	0	0	0	
XAD1	LONG WAIT	yy/04/25	12:30:00	1915	0	0	0	0	
XAD1	LONG WAIT	yy/04/25	12:45:00	2438	0	2	0	0	
XAD1	LONG WAIT	yy/04/25	13:00:00	2431	0	3	0	0	
XAD1	LONG WAIT	yy/04/25	13:15:00	2385	0	0	0	0	
XAD1		yy/04/25		11341	0	5	0	0	
XAD1				11341	0	5	0	0	

ERXT0217/EZXT0217: Page/Swap Data Activity

The following is a detail report by data set, showing slot usage as well as I/O activity by the RMF interval.

24/04/yy		PAGE/SWAP DATASET ACTIVITY							PAGE 1	
SYS ID	DATASET NAME	INTERVAL DATE	START TIME	TOTAL SLOTS	MAX SLOTS USED	AVG SLOTS USED	I/O TO DATASET	PAGES TRANSFERRED	CU NAME	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	12:30:00	22500	7334	7313	23	69	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	12:45:00	22500	7340	7327	82	154	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	13:00:00	22500	7335	7193	882	3261	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	13:15:00	22500	7063	7059	53	85	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	13:30:00	22500	7110	7071	19	95	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	13:45:00	22500	7125	7087	92	119	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	14:00:00	22500	7082	7062	26	53	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	14:15:00	22500	7121	7095	39	85	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	14:30:00	22500	7132	7112	20	61	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	14:45:00	22500	7279	7225	57	231	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	15:00:00	22500	7267	7254	121	206	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	15:15:00	22500	7287	7274	29	64	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	15:30:00	22500	7291	7278	693	3204	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	15:45:00	22500	7276	7230	2152	9490	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	16:00:00	22500	7297	7285	83	138	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	16:15:00	22500	7280	7269	14	23	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	16:30:00	22500	7309	7275	25	73	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	16:45:00	22500	7328	7307	14	44	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	17:00:00	22500	7407	7364	62	137	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	17:15:00	22500	7397	7386	39	43	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	17:30:00	22500	7377	7370	48	52	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	17:45:00	22500	7361	7354	73	94	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	18:00:00	22500	7351	7309	11	22	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	18:15:00	22500	7219	7219	4	5	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	18:30:00	22500	7219	7219	6	8	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	18:45:00	22500	7219	7219	5	5	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	19:00:00	22500	7219	7219	55	76	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	19:15:00	22500	7219	7219	13	15	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	19:30:00	22500	7221	7219	19	24	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	19:45:00	22500	7243	7241	7	27	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	20:00:00	22500	7242	7207	15	15	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	20:15:00	22500	7204	7204	1	1	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	20:30:00	22500	7204	7204	0	0	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	20:45:00	22500	7204	7204	0	0	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	21:00:00	22500	7204	6800	42	47	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	21:15:00	22500	6727	6727	1	1	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	21:30:00	22500	6727	6727	0	0	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	21:45:00	22500	6727	6727	2	2	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	22:00:00	22500	6727	6727	0	0	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	22:15:00	22500	6727	6727	0	0	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	22:30:00	22500	6727	6727	1	1	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	22:45:00	22500	6727	6727	0	0	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	23:00:00	22500	6727	6727	58	66	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/04/28	23:15:00	22500	6727	6727	0	0	3880-3	
XAD1	PAGE.VMVP01A.COMMON1	yy/02/28	23:30:00	22500	6727	6727	4	4	3880-3	

ERXT0223/EZXT0223: VLF Statistics

This report shows the Virtual Lookaside Facility usage by class, date, and time.

10/01/yy		VLF STATISTICS										PAGE 1
SYS ID	CLASS NAME	RECDATE	RECTIME	MAXVIRT 4K	VIRT USED 4K	CACHE SEARCHES	OBJECTS FOUND	OBJECTS ADDED	OBJECTS DELETED	OBJECTS TRIMMED	LARGEST OBJECT	
XE96	CSVLLA	yy/10/13	06:12:21	4096	604	0	0	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	06:27:21	4096	604	0	0	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	06:42:21	4096	604	0	0	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	06:57:23	4096	604	0	0	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	07:12:36	4096	604	1	1	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	07:27:40	4096	608	41	41	2	0	0	1199088	
XE96	CSVLLA	yy/10/13	07:42:41	4096	608	0	0	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	07:57:43	4096	608	40	40	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	08:12:48	4096	608	78	78	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	08:27:49	4096	608	0	0	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	08:42:51	4096	608	1	1	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	08:58:02	4096	608	0	0	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	09:13:35	4096	608	0	0	0	0	0	1199088	
XE96	CSVLLA	yy/10/13	09:29:25	4096	608	0	0	0	0	0	1199088	
XE96												
END OF REPORT												

Chapter 20: Response Time Reports

This section contains the following topics:

[ERXT0220/EZXT0220: Dataset Response Report](#) (see page 212)

ERXT0220/EZXT0220: Dataset Response Report

This detail report shows SMS data set response times, ordered by jobname and data set name.

23/01/yy		DATASET RESPONSE REPORT						PAGE 1	
SYS ID	JOB NAME	DATASET NAME	I/O COUNT	RESPONSE TIME	AVERAGE CONNECT	AVERAGE PENDING	AVERAGE DISCONNECT	AVERAGE CU QUEUE	
XE96	CLEANSYS	SYS2.SMFDATA.G00	35	0.044	0.031	0.000	0.010	0.000	
XE96	CLEANSYS		35					0.000	
XE96	CLEANSYS		35					0.000	
XE96	ELLPH01	ELLPH01.PDSE.LIB	5	0.031	0.002	0.000	0.014	0.000	
XE96	ELLPH01	ELLPH01.PDSE.LIB	1	0.023	0.005	0.000	0.016	0.000	
XE96	ELLPH01	ELLPH01.PDSE.LIB	4	0.018	0.005	0.000	0.009	0.000	
XE96	ELLPH01		10					0.000	
XE96	ELLPH01		10					0.000	
XE96	ELLPH01I	ELLPH01.TEMP.I0A	395	0.033	0.014	0.000	0.011	0.000	
XE96	ELLPH01I		395					0.000	
XE96	ELLPH01I		395					0.000	
XE96	ELLPH01N	SYS95017.T152841	60	0.026	0.013	0.000	0.010	0.000	
XE96	ELLPH01N		60					0.000	
XE96	ELLPH01N		60					0.000	
XE96	ELLPH012	PMAREST.DEVL.TES	1	0.019	0.002	0.000	0.015	0.000	
XE96	ELLPH012		1					0.000	
XE96	ELLPH012		1					0.000	
XE96	ELLPH013	PMAREST.DEVL.TES	1	0.035	0.002	0.000	0.018	0.000	
XE96	ELLPH013		1					0.000	
XE96	ELLPH013		1					0.000	
XE96	ELLPH014	PMAREST.DEVL.TES	1	0.053	0.002	0.000	0.016	0.000	
XE96	ELLPH014		1					0.000	

Chapter 21: Storage Reports

This section contains the following topics:

[ERXT0219/EZXT0219: Storage Class I/O Summary](#) (see page 213)

[ERXT0243/EZXT0243: Storage Class BMF Stats](#) (see page 214)

ERXT0219/EZXT0219: Storage Class I/O Summary

This report shows I/O queue lengths and response times by storage class. Queue lengths greater than zero and I/O response times greater than 10 milliseconds should be investigated.

6/25/yy	STORAGE CLASS I/O SUMMARY						PAGE 12
STORAGE CLASS	TOTAL I/OS	RESPONSE TIME	AVERAGE I/O CONNECT	AVERAGE I/O PENDING	AVERAGE I/O DISCONNECT	AVERAGE CU QUEUE TIME	
SCWRKP	147	.001	.000	.000	.000	.000	
SCWRKP	147	.001	.000	.000	.000	.000	
SCWRKP	2,381	.009	.000	.000	.000	.000	
SCWRKP	2,381	.009	.000	.000	.000	.000	
SPFTEMP	3	.004	.000	.000	.002	.000	
SPFTEMP	3	.004	.000	.000	.002	.000	
SPFTEMP	1	.000	.000	.000	.000	.000	
SPFTEMP	1	.000	.000	.000	.000	.000	
SPFTEMP	5	.000	.000	.000	.000	.000	
SPFTEMP	5	.000	.000	.000	.000	.000	
SPFTEMP	2	.005	.000	.000	.004	.000	
SPFTEMP	2	.005	.000	.000	.004	.000	
SPFTEMP	11	.009	.000	.000	.006	.000	
SPFTEMP	11	.009	.000	.000	.006	.000	
	2,769,418	.244	.019	.000	.084	.000	
	2,769,418	.244	.019	.000	.084	.000	

ERXT0243/EZXT0243: Storage Class BMF Stats

This report shows Buffer Management Facility (BMF) statistics, including hits and reads by storage class.

23/01/yy		STORAGE CLASS BMF STATS					PAGE 1	
SYS ID	STORAGE CLASS	RECDATE	RECTIME	MEMBER PAGE READS	MEMBER BMF HITS	DIRECTORY PAGE READS	DIRECTORY BMF HITS	
XE96	DEVSTOR	yy/01/17	15:25:05	95	0	747	687	
XE96	DEVSTOR			95	0	747	687	
XE96				95	0	747	687	
GRAND TOTAL				95	0	747	687	
REPORT	RECORDS READ	LINES PRINTED						
1	1	15						
**** REPORT PHASE ENDED				0.10 SECONDS.				

Chapter 22: System Logger Reports

For details about monitoring and reporting on the System Logger, see the *z/OS System Logger System Programmer's Guide* (SG24-6898) and Chapter 9, "System Logger Accounting," in the *z/OS MVS System Management Facilities (SMF) Guide* (SA22-7630).

This section contains the following topics:

[ERXT0380/EZXT0380: System Logger Activity Report by System ID](#) (see page 216)

[ERXT0381/EZXT0381: System Logger Activity Report by Logstream Name](#) (see page 217)

[ERXT0382/EZXT0382: System Logger Events Report](#) (see page 218)

[ERXT0383/EZXT0383: System Logger Interim Storage Report](#) (see page 220)

[ERXT0384/EZXT0384: System Logger Structure Alter Report](#) (see page 222)

[ERXT0385/EZXT0385: System Logger Activity Report by Structure Name](#) (see page 223)

ERXT0380/EZXT0380: System Logger Activity Report by System ID

This report shows the system logger activity (IXGWRITE requests, KBs written) of each logstream by system ID.

Note: This sample report requires that the record selection statement be edited or that other user modifications be made to match your environment. Failure to do so may result in a message indicating that no records were selected.

LOGSTREAM NAME	STRUCTURE NAME	IXGWRITE KBYTES	KBYTES TO INTERIM	KBYTES TO DASD	IXGWRITE INVOCATIONS
AD1SUP.A04IC4SB.DFHLOG	LOGGERC8	0	0	0	0
AD1SUP.A04IC4SB.DFHSHUNT	LOGGERC8	0	0	0	0
ATR.PLEXC1.DELAYED.UR	RRS_DELAYEDUR	0	0	0	0
ATR.PLEXC1.MAIN.UR	RRS_MAINUR	0	0	0	0
ATR.PLEXC1.RESTART	RRS_RESTART	0	0	0	0
ATR.PLEXC1.RM.DATA	RRS_RMDATA	0	0	0	0
BES.CA11.LOG	*DASDONLY*	528	616	0	22
DCMQA.QA11CBMA.DFHLOG	*DASDONLY*	0	0	0	0
DCMQA.QA11CBMA.DFHSHUNT	*DASDONLY*	0	0	0	0
GSVB115.CICSLGC.SYSD.CA11	*DASDONLY*	0	0	0	0
GSVB115.CICSLGC.TRAN.CA11	*DASDONLY*	0	0	0	0
GSVB115.CICSLGC.TSUM.CA11	*DASDONLY*	0	0	0	0
GSVB115.CICSLGC.XLOG.CA11	*DASDONLY*	0	0	0	0
GSVB115.SMFDATA.SMFD.CA11	*DASDONLY*	2432	7388	0	1566
GSVB115.SYSDATA.PLOT.CA11	*DASDONLY*	0	0	0	0
GSVXDEV.CICSLGR.SYSD.CA11	*DASDONLY*	0	0	0	0
GSVXDEV.CICSLGR.TRAN.CA11	*DASDONLY*	0	0	0	0
GSVXDEV.CICSLGR.TSUM.CA11	*DASDONLY*	0	0	0	0
GSVXDEV.CICSLGR.XLOG.CA11	*DASDONLY*	0	0	0	0
GSVXDEV.IMSLOGR.IMRS.CA11	*DASDONLY*	0	0	0	0
GSVXDEV.IMSLOGR.IMTR.CA11	*DASDONLY*	0	0	0	0
GSVXDEV.SMFDATA.SMFD.CA11	*DASDONLY*	2435	7404	0	1570
GSVXDEV.SYSDATA.PLOT.CA11	*DASDONLY*	0	0	0	0
SYSLOG.IMSQA.QMSG01.LOG	MVSLGIMSQA01	0	0	0	0
SYSVDEV.AUDIT.ADTT.CA11	*DASDONLY*	0	0	0	0
SYSVTECH.SMFD	*DASDONLY*	2235	6988	0	1496
VTAPE.CA11.LOG	LOGGERC11	264	269	480	11
		7894	22665	480	4665

ERXT0381/EZXT0381: System Logger Activity Report by Logstream Name

This report shows the system logger activity (IXGWRITE invocations, KBs written) of each logstream. It is similar to the 0380 report, except that it groups the data by individual logstreams.

Note: This sample report requires that the record selection statement be edited or that other user modifications be made to match your environment. Failure to do so may result in a message indicating that no records were selected.

DATE GMT		TIME GMT	SYS	IXGWRITE	MINIMUM	MAXIMUM	IXGWRITE	KBYTES	KBYTES TO
INTV EXPIRED	INTV EXPIRED		ID	INVOCATIONS	BLOCKLEN	BLOCKLEN	KBYTES	TO DASD	INTERIM

yyyy/11/02	16:00:00.00		Z1	206827	260	460	63394	69743	103413
yyyy/11/02	16:30:00.00		Z1	251052	260	460	78427	47606	125526
			Z1	457879			141821	117349	228939

yyyy/11/02	16:00:00.00		Z3	73987	260	460	26846	40693	36993
yyyy/11/02	16:30:00.00		Z3	64861	260	460	23734	17735	32430
			Z3	138848			50580	58428	69423

				596727			192401	175777	298362

ERXT0382/EZXT0382: System Logger Events Report

This report shows the counts of unusual events for each logstream separately, sorted by the interval end.

Note: This sample report requires that the record selection statement be edited or that other user modifications be made to match your environment. Failure to do so may result in a message indicating that no records were selected.

23/01/08		SYSTEM LOGGER EVENTS REPORT							PAGE 1	
REPORT ID: ERXT0382										
LOGSTREAM NAME: IFASMF.ALL										
STRUCTURE NAME: SMF01_LIST										
DATE GMT	TIME GMT	SYS	# DASD	# SUCC	# STRUCT	# LOGGER	# THRSLD	# SDS	# SUCC	
INTV EXPIRED	INTV EXPIRED	ID	SHIFTS	OFFLOADS	RBLD INIT	FULL COND	HIT COND	FULL COND	OFFFLDS	ALL
yyyy/10/19	04:00:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	04:30:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	05:00:00.00	XE96	2	1	0	0	0	0	0	0
yyyy/10/19	05:30:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	06:00:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	06:30:00.00	XE96	2	1	0	0	0	0	0	0
yyyy/10/19	07:00:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	07:30:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	08:00:00.00	XE96	2	1	0	0	0	0	0	0
yyyy/10/19	08:30:00.00	XE96	6	2	0	0	0	0	0	0
yyyy/10/19	09:00:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	09:30:00.00	XE96	2	1	0	0	0	0	0	0
yyyy/10/19	10:00:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	10:30:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	11:00:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	11:30:00.00	XE96	2	1	0	0	0	0	0	0
yyyy/10/19	12:00:00.00	XE96	6	2	0	0	0	0	0	0
yyyy/10/19	12:03:28.15	XE96	1	1	0	0	0	0	0	0
yyyy/10/19	12:22:19.05	XE96	0	1	0	0	0	0	0	0
yyyy/10/19	12:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/19	12:32:19.89	XE96	0	1	0	0	0	0	0	0
yyyy/10/19	13:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/19	13:26:20.04	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	13:29:50.20	XE96	0	1	0	0	0	0	0	0
yyyy/10/19	14:39:21.17	XE96	0	1	0	0	0	0	0	0
yyyy/10/19	15:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/19	15:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/19	16:00:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	16:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/19	17:00:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/19	17:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/19	18:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	09:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	09:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	10:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	10:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	11:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	11:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	12:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	12:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	13:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	13:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	14:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/22	14:30:00.00	XE96	3	1	0	0	0	0	0	0
yyyy/10/22	15:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/25	08:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/25	09:00:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/25	09:30:00.00	XE96	0	0	0	0	0	0	0	0
yyyy/10/25	10:00:00.00	XE96	3	1	0	1	0	0	0	1

ERXT0383/EZXT0383: System Logger Interim Storage Report

This report shows the utilization of interim storage of the system logger. Each logstream is shown separately.

Note: This sample report requires that the record selection statement be edited or that other user modifications be made to match your environment. Failure to do so may result in a message indicating that no records were selected.

23/01/08		SYSTEM LOGGER INTERIM STORAGE REPORT							PAGE 1		
REPORT ID: ERXT0383											
LOGSTREAM NAME: IFASMF.ALL											
STRUCTURE NAME: SMF01_LIST											
DATE GMT	TIME GMT	SYS	KBYTES TO	INSTEAD	AFTER	INSTEAD	AFTER	TYPE-1	TYPE-2	TYPE-3	
INTV EXPIRED	INTV EXPIRED	ID	INTERIM	KBYTES	KBYTES	INVOCS	INVOCS	COMPS	COMPS	COMPS	
yyyy/10/19	04:00:00.00	XE96	1331	0	1519	0	24	20	1	0	
yyyy/10/19	04:30:00.00	XE96	1397	0	1514	0	24	21	1	0	
yyyy/10/19	05:00:00.00	XE96	1394	0	1519	0	24	21	1	0	
yyyy/10/19	05:30:00.00	XE96	1393	0	1513	0	24	21	1	0	
yyyy/10/19	06:00:00.00	XE96	1331	0	1516	0	24	20	1	0	
yyyy/10/19	06:30:00.00	XE96	1395	0	1514	0	24	21	1	0	
yyyy/10/19	07:00:00.00	XE96	1964	0	1515	0	24	30	1	0	
yyyy/10/19	07:30:00.00	XE96	2083	0	1519	0	24	32	1	0	
yyyy/10/19	08:00:00.00	XE96	1877	0	1563	0	25	29	1	0	
yyyy/10/19	08:30:00.00	XE96	2084	0	3074	0	49	31	2	0	
yyyy/10/19	09:00:00.00	XE96	1753	0	1561	0	25	27	1	0	
yyyy/10/19	09:30:00.00	XE96	1710	0	1513	0	24	27	0	0	
yyyy/10/19	10:00:00.00	XE96	1688	0	1563	0	25	26	1	0	
yyyy/10/19	10:30:00.00	XE96	1461	0	1566	0	25	22	1	0	
yyyy/10/19	11:00:00.00	XE96	1458	0	1518	0	24	22	1	0	
yyyy/10/19	11:30:00.00	XE96	1761	0	1566	0	25	27	1	0	
yyyy/10/19	12:00:00.00	XE96	2585	0	3143	0	50	39	2	0	
yyyy/10/19	12:03:28.15	XE96	293	0	690	0	11	5	0	0	
yyyy/10/19	12:22:19.05	XE96	0	0	0	0	0	0	0	0	
yyyy/10/19	12:30:00.00	XE96	0	0	0	0	0	0	0	0	
yyyy/10/19	12:32:19.89	XE96	0	0	0	0	0	0	0	0	
yyyy/10/19	13:00:00.00	XE96	249	0	0	0	0	4	0	0	
yyyy/10/19	13:26:20.04	XE96	1219	0	1408	0	23	20	0	0	
yyyy/10/19	13:29:50.20	XE96	0	0	0	0	0	0	0	0	
yyyy/10/19	14:39:21.17	XE96	0	0	0	0	0	0	0	0	
yyyy/10/19	15:00:00.00	XE96	384	0	0	0	0	6	0	0	
yyyy/10/19	15:30:00.00	XE96	753	0	0	0	0	13	0	0	
yyyy/10/19	16:00:00.00	XE96	997	0	1562	0	26	15	1	0	
yyyy/10/19	16:30:00.00	XE96	978	0	0	0	0	16	0	0	
yyyy/10/19	17:00:00.00	XE96	481	0	1599	0	26	7	1	0	
yyyy/10/19	17:30:00.00	XE96	432	0	0	0	0	7	0	0	
yyyy/10/19	18:00:00.00	XE96	436	0	0	0	0	7	0	0	
yyyy/10/22	09:00:00.00	XE96	308	0	0	0	0	5	0	0	
yyyy/10/22	09:30:00.00	XE96	173	0	0	0	0	3	0	0	
yyyy/10/22	10:00:00.00	XE96	64	0	0	0	0	1	0	0	
yyyy/10/22	10:30:00.00	XE96	63	0	0	0	0	1	0	0	
yyyy/10/22	11:00:00.00	XE96	64	0	0	0	0	1	0	0	
yyyy/10/22	11:30:00.00	XE96	64	0	0	0	0	1	0	0	
yyyy/10/22	12:00:00.00	XE96	63	0	0	0	0	1	0	0	
yyyy/10/22	12:30:00.00	XE96	125	0	0	0	0	2	0	0	
yyyy/10/22	13:00:00.00	XE96	64	0	0	0	0	1	0	0	
yyyy/10/22	13:30:00.00	XE96	64	0	0	0	0	1	0	0	
yyyy/10/22	14:00:00.00	XE96	62	0	0	0	0	1	0	0	
yyyy/10/22	14:30:00.00	XE96	959	0	1557	0	25	12	3	0	
yyyy/10/22	15:00:00.00	XE96	512	0	0	0	0	8	0	0	
yyyy/10/25	08:30:00.00	XE96	0	0	0	0	0	0	0	0	
yyyy/10/25	09:00:00.00	XE96	713	0	0	0	0	12	0	0	
yyyy/10/25	09:30:00.00	XE96	536	0	0	0	0	9	0	0	
yyyy/10/25	10:00:00.00	XE96	1209	0	1559	0	26	11	5	3	

ERXT0384/EZXT0384: System Logger Structure Alter Report

This report shows statistics on the coupling facility structure alter event, sorted by the interval end. It is valid only for CF-based logstreams.

23/01/08		SYSTEM LOGGER STRUCTURE ALTER REPORT					PAGE 1	
REPORT ID: ERXT0384								
SYSTEM ID: XE96								
DATE GMT	TIME GMT	STRUCTURE	KBYTES	# OF	CURR AVG	TGT AVG	# OF LOG	
RATIO ALTERED	RATIO ALTERED	NAME	WRITTEN	OFFLOADS	BUFF SIZE	BUFF SIZE	WRITES	
yyyy/10/19	03:02:11.08	SMF02_LIST	64	0	19456	50688	1	
yyyy/10/19	03:32:11.27	SMF01_LIST	1204	1	19456	51712	19	
yyyy/10/19	03:32:11.27	SMF01_LIST	1397	1	19456	51712	22	
yyyy/10/19	04:02:11.08	SMF02_LIST	64	0	19968	52224	1	
yyyy/10/19	04:02:11.08	SMF02_LIST	64	0	19968	52224	1	
yyyy/10/19	04:02:11.08	SMF02_LIST	0	0	19968	52224	0	
yyyy/10/19	04:32:11.09	SMF01_LIST	191	0	19456	48640	3	
yyyy/10/19	04:32:11.09	SMF01_LIST	1203	1	19456	48640	19	
yyyy/10/19	04:32:11.09	SMF01_LIST	1393	1	19456	48640	22	
yyyy/10/19	05:02:11.08	SMF02_LIST	0	0	19968	52736	0	
yyyy/10/19	05:02:11.08	SMF02_LIST	0	0	19968	52736	0	
yyyy/10/19	05:02:11.08	SMF02_LIST	64	0	19968	52736	1	
yyyy/10/19	05:32:11.09	SMF01_LIST	127	0	18432	44032	2	
yyyy/10/19	05:32:11.09	SMF01_LIST	1204	1	18432	44032	19	
yyyy/10/19	05:32:11.09	SMF01_LIST	1395	1	18432	44032	22	
yyyy/10/19	05:32:11.09	SMF01_LIST	1964	1	18432	44032	31	
yyyy/10/19	06:02:11.08	SMF02_LIST	63	0	19968	53760	1	
yyyy/10/19	06:02:11.08	SMF02_LIST	63	0	19968	53760	1	
yyyy/10/19	06:02:11.08	SMF02_LIST	0	0	19968	53760	0	
yyyy/10/19	07:02:11.10	SMF01_LIST	255	0	19456	47616	4	
yyyy/10/19	07:02:11.10	SMF01_LIST	1828	1	19456	47616	29	
yyyy/10/19	07:02:11.10	SMF01_LIST	1877	1	19456	47616	30	
yyyy/10/19	07:02:11.10	SMF01_LIST	2084	2	19456	47616	33	
yyyy/10/19	07:02:11.19	SMF02_LIST	63	0	19968	54272	1	
yyyy/10/19	07:02:11.19	SMF02_LIST	63	0	19968	54272	1	
yyyy/10/19	07:02:11.19	SMF02_LIST	63	1	19968	54272	1	
yyyy/10/19	07:02:11.19	SMF02_LIST	127	0	19968	54272	2	
yyyy/10/19	07:02:11.19	SMF02_LIST	127	0	19968	54272	2	
yyyy/10/19	08:32:11.10	SMF01_LIST	191	0	18944	45056	3	
yyyy/10/19	08:32:11.10	SMF01_LIST	1562	1	18944	45056	25	
yyyy/10/19	08:32:11.10	SMF01_LIST	1710	1	18944	45056	27	
yyyy/10/19	09:02:11.10	SMF02_LIST	63	0	17408	38912	1	
yyyy/10/19	09:02:11.10	SMF02_LIST	0	0	17408	38912	0	
yyyy/10/19	09:02:11.10	SMF02_LIST	64	0	17408	38912	1	
yyyy/10/19	09:32:11.11	SMF01_LIST	189	0	19456	50176	3	
yyyy/10/19	09:32:11.11	SMF01_LIST	1461	1	19456	50176	23	
yyyy/10/19	09:32:11.11	SMF01_LIST	1499	1	19456	50176	24	
yyyy/10/19	10:02:11.10	SMF02_LIST	0	0	17920	40960	0	
yyyy/10/19	10:02:11.10	SMF02_LIST	0	0	17920	40960	0	
yyyy/10/19	10:02:11.10	SMF02_LIST	63	0	17920	40960	1	
yyyy/10/19	10:32:11.10	SMF01_LIST	191	0	19456	50688	3	
yyyy/10/19	10:32:11.10	SMF01_LIST	1266	1	19456	50688	20	
yyyy/10/19	10:32:11.10	SMF01_LIST	1761	1	19456	50688	28	
yyyy/10/19	11:02:11.10	SMF02_LIST	63	0	18432	44032	1	
yyyy/10/19	11:02:11.10	SMF02_LIST	0	0	18432	44032	0	
yyyy/10/19	11:02:11.10	SMF02_LIST	139	0	18432	44032	3	
yyyy/10/19	11:32:11.09	SMF01_LIST	191	0	19456	51712	3	
yyyy/10/19	11:32:11.09	SMF01_LIST	293	1	19456	51712	5	
yyyy/10/19	11:32:11.09	SMF01_LIST	2394	2	19456	51712	38	
yyyy/10/19	12:02:11.09	SMF02_LIST	25	1	18944	45568	1	

ERXT0385/EZXT0385: System Logger Activity Report by Structure Name

This report shows the utilization (IXGWRITE invocations, KBs written) of each CF structure separately. It is similar to the 0380 report, but from the CF structure perspective.

Note: This sample report requires that the record selection statement be edited or that other user modifications be made to match your environment. Failure to do so may result in a message indicating that no records were selected.

24/01/08		SYSTEM LOGGER ACTIVITY REPORT BY STRUCTURE NAME					PAGE 5	
REPORT ID: ERXT0385								
STRUCTURE NAME: LG2_DFHJ01_A								
LOGSTREAM NAME	DATE GMT INTV EXPIRED	TIME GMT INTV EXPIRED	SYS ID	IXGWRITE INVOCATIONS	IXGWRITE KBYTES	KBYTES TO DASD	KBYTES TO INTERIM	
GRP2.CICSVR.F01DACCT	yyyy/11/02	16:00:00.00	Z1	511	624	0	691	
GRP2.CICSVR.F01DACCT	yyyy/11/02	16:30:00.00	Z1	511	644	0	713	
			Z1	1022	1268	0	1404	
GRP2.CICSVR.F01DACCT	yyyy/11/02	16:00:00.00	Z3	530	621	0	686	
GRP2.CICSVR.F01DACCT	yyyy/11/02	16:30:00.00	Z3	494	575	0	637	
			Z3	1024	1196	0	1323	
GRP2.CICSVR.F01DCTLR	yyyy/11/02	16:00:00.00	Z1	483	1281	0	1358	
GRP2.CICSVR.F01DCTLR	yyyy/11/02	16:30:00.00	Z1	461	1235	0	1309	
			Z1	944	2516	0	2667	
GRP2.CICSVR.F01DCTLR	yyyy/11/02	16:00:00.00	Z3	538	1423	0	1510	
GRP2.CICSVR.F01DCTLR	yyyy/11/02	16:30:00.00	Z3	495	1318	0	1397	
			Z3	1033	2741	0	2907	
GRP2.CICSVR.F01DENDB	yyyy/11/02	16:00:00.00	Z1	701	472	0	585	
GRP2.CICSVR.F01DENDB	yyyy/11/02	16:30:00.00	Z1	628	417	0	517	
			Z1	1329	889	0	1102	
GRP2.CICSVR.F01DENDB	yyyy/11/02	16:00:00.00	Z3	585	387	2003	479	
GRP2.CICSVR.F01DENDB	yyyy/11/02	16:30:00.00	Z3	606	421	985	521	
			Z3	1191	808	2988	1000	
GRP2.CICSVR.F01DHOLD	yyyy/11/02	16:00:00.00	Z1	291	60	0	100	
GRP2.CICSVR.F01DHOLD	yyyy/11/02	16:30:00.00	Z1	265	57	0	94	
			Z1	556	117	0	194	
GRP2.CICSVR.F01DHOLD	yyyy/11/02	16:00:00.00	Z3	286	60	0	101	
GRP2.CICSVR.F01DHOLD	yyyy/11/02	16:30:00.00	Z3	228	48	0	81	
			Z3	514	108	0	182	
GRP2.CICSVR.F01DLOG	yyyy/11/02	16:00:00.00	Z1	643	130	0	160	
GRP2.CICSVR.F01DLOG	yyyy/11/02	16:30:00.00	Z1	615	124	0	153	

Chapter 23: System Reports

This section contains the following topics:

[SYSDAY1 Reports](#) (see page 226)

[SYSDAY2 Reports](#) (see page 234)

[SYSWEEK1 Reports](#) (see page 239)

[TAPMNT Report](#) (see page 243)

SYSDAY1 Reports

TSO Period 1 Response Time

Note: This sample report requires that the record selection statement be edited or that other user modifications be made to match your environment. Failure to do so may result in a message indicating that no records were selected.

Interrupt
 InterruptXAD1
 DATE = yy/01/19

R72P - TSO PERIOD 1 RESPONSE TIME

PAGE 1

100% = 5.00 SECONDS

Interrupt END TIME	TSO RESPONSE TIME	PLOT PERCENTAGE -----+-----1-----+-----2-----+-----3-----+-----4-----+-----5-----+-----6-----+-----7-----+-----8-----+-----9-----+-----0
00:00	3.07	*****
00:15	3.45	*****
00:30	3.75	*****
00:45	2.57	*****
01:00	1.72	*****
01:15	2.39	*****
01:30	4.35	*****
01:45	4.67	*****
02:00	4.18	*****
02:15	4.36	*****
02:30	4.77	*****
02:45	4.20	*****
03:00	3.38	*****
03:15	2.28	*****
03:30	1.58	*****
03:45	1.61	*****
04:00	1.47	*****
04:15	1.30	*****
04:30	1.26	*****
04:45	1.53	*****
05:00	1.81	*****
05:15	1.45	*****
05:30	1.96	*****
05:45	2.00	*****
06:00	1.40	*****
06:15	1.02	*****
06:30	1.42	*****
06:45	1.29	*****
07:00	2.31	*****
07:15	3.01	*****
07:30	2.54	*****
07:45	1.87	*****
08:00	1.52	*****
08:15	1.59	*****
08:30	1.45	*****
08:45	0.98	*****
09:00	1.02	*****
09:15	0.77	*****
09:30	0.68	*****
09:45	0.88	*****
10:00	1.08	*****
10:15	0.80	*****
10:30	0.63	*****
10:45	0.78	*****
11:00	0.70	*****
11:15	0.87	*****
11:30	0.73	*****
11:45	0.78	*****
12:00	0.87	*****
12:15	0.84	*****
12:30	0.84	*****

TSO Response Time (All Periods)

Interrupt													R72P - TSO RESPONSE TIME (ALL PERIODS)			PAGE 1									
SYSID = XAD1																									
DATE = yy/01/19																									
INTERVAL	<<---	PERIOD 1	-->>	<<---	PERIOD 2	-->>	<<---	PERIOD 3	-->>	<<---	PERIOD 4	-->>	END TIME	TRANS	ELAPSED	RESP	TRANS	ELAPSED	RESP	TRANS	ELAPSED	RESP			
00:00	734	2256.28	3.07	81	220.19	2.71	4	15.88	3.97	0	0.00	0.00	00:00	734	2256.28	3.07	81	220.19	2.71	4	15.88	3.97	0	0.00	0.00
00:15	750	2590.61	3.45	50	123.92	2.47	1	0.29	0.29	0	0.00	0.00	00:15	750	2590.61	3.45	50	123.92	2.47	1	0.29	0.29	0	0.00	0.00
00:30	693	2604.19	3.75	33	60.48	1.83	4	7.81	1.95	0	0.00	0.00	00:30	693	2604.19	3.75	33	60.48	1.83	4	7.81	1.95	0	0.00	0.00
00:45	975	2506.07	2.57	75	151.40	2.01	2	7.45	3.72	0	0.00	0.00	00:45	975	2506.07	2.57	75	151.40	2.01	2	7.45	3.72	0	0.00	0.00
01:00	1052	1815.23	1.72	84	180.00	2.14	3	62.11	20.70	0	0.00	0.00	01:00	1052	1815.23	1.72	84	180.00	2.14	3	62.11	20.70	0	0.00	0.00
01:15	739	1766.80	2.39	33	37.26	1.12	4	155.94	38.98	0	0.00	0.00	01:15	739	1766.80	2.39	33	37.26	1.12	4	155.94	38.98	0	0.00	0.00
01:30	404	1759.15	4.35	20	20.43	1.02	0	0.00	0.00	0	0.00	0.00	01:30	404	1759.15	4.35	20	20.43	1.02	0	0.00	0.00	0.00	0.00	0.00
01:45	378	1768.53	4.67	16	17.37	1.08	4	127.00	31.75	0	0.00	0.00	01:45	378	1768.53	4.67	16	17.37	1.08	4	127.00	31.75	0	0.00	0.00
02:00	418	1750.96	4.18	19	28.16	1.48	4	72.40	18.10	0	0.00	0.00	02:00	418	1750.96	4.18	19	28.16	1.48	4	72.40	18.10	0	0.00	0.00
02:15	406	1771.25	4.36	14	7.15	0.51	5	81.65	16.33	0	0.00	0.00	02:15	406	1771.25	4.36	14	7.15	0.51	5	81.65	16.33	0	0.00	0.00
02:30	393	1877.48	4.77	12	14.46	1.20	1	3.78	3.78	0	0.00	0.00	02:30	393	1877.48	4.77	12	14.46	1.20	1	3.78	3.78	0	0.00	0.00
02:45	541	2276.34	4.20	36	38.12	1.05	6	64.82	10.80	0	0.00	0.00	02:45	541	2276.34	4.20	36	38.12	1.05	6	64.82	10.80	0	0.00	0.00
03:00	523	1770.87	3.38	61	423.47	6.94	8	43.95	5.49	2	44.27	22.13	03:00	523	1770.87	3.38	61	423.47	6.94	8	43.95	5.49	2	44.27	22.13
03:15	782	1790.52	2.28	150	165.00	1.10	8	39.76	4.97	1	15.04	15.04	03:15	782	1790.52	2.28	150	165.00	1.10	8	39.76	4.97	1	15.04	15.04
03:30	1128	1786.25	1.58	160	140.73	0.87	1	0.42	0.42	0	0.00	0.00	03:30	1128	1786.25	1.58	160	140.73	0.87	1	0.42	0.42	0	0.00	0.00
03:45	1127	1815.31	1.61	112	115.54	1.03	4	24.51	6.12	2	189.12	94.56	03:45	1127	1815.31	1.61	112	115.54	1.03	4	24.51	6.12	2	189.12	94.56
04:00	1244	1834.13	1.47	141	173.16	1.22	11	163.68	14.88	4	72.92	18.23	04:00	1244	1834.13	1.47	141	173.16	1.22	11	163.68	14.88	4	72.92	18.23
04:15	1429	1867.34	1.30	218	318.69	1.46	20	240.04	12.00	1	14.11	14.11	04:15	1429	1867.34	1.30	218	318.69	1.46	20	240.04	12.00	1	14.11	14.11
04:30	1463	1854.49	1.26	212	234.90	1.10	5	41.13	8.22	0	0.00	0.00	04:30	1463	1854.49	1.26	212	234.90	1.10	5	41.13	8.22	0	0.00	0.00
04:45	1455	2231.87	1.53	174	248.31	1.42	10	79.05	7.90	0	0.00	0.00	04:45	1455	2231.87	1.53	174	248.31	1.42	10	79.05	7.90	0	0.00	0.00
05:00	1342	2432.94	1.81	217	2035.64	9.38	19	124.47	6.55	0	0.00	0.00	05:00	1342	2432.94	1.81	217	2035.64	9.38	19	124.47	6.55	0	0.00	0.00
05:15	1434	2086.27	1.45	237	254.34	1.07	36	205.91	5.71	3	57.26	19.08	05:15	1434	2086.27	1.45	237	254.34	1.07	36	205.91	5.71	3	57.26	19.08
05:30	1077	2111.90	1.96	157	453.86	2.89	11	44.70	4.06	0	0.00	0.00	05:30	1077	2111.90	1.96	157	453.86	2.89	11	44.70	4.06	0	0.00	0.00
05:45	1338	2688.56	2.00	125	147.78	1.18	12	76.79	6.39	1	13.47	13.47	05:45	1338	2688.56	2.00	125	147.78	1.18	12	76.79	6.39	1	13.47	13.47
06:00	1590	2234.47	1.40	194	707.29	3.64	16	104.61	6.53	1	34.32	34.32	06:00	1590	2234.47	1.40	194	707.29	3.64	16	104.61	6.53	1	34.32	34.32
06:15	1727	1769.96	1.02	115	659.72	5.73	8	35.85	4.48	0	0.00	0.00	06:15	1727	1769.96	1.02	115	659.72	5.73	8	35.85	4.48	0	0.00	0.00
06:30	1296	1844.30	1.42	162	197.01	1.21	22	56.01	2.54	0	0.00	0.00	06:30	1296	1844.30	1.42	162	197.01	1.21	22	56.01	2.54	0	0.00	0.00
06:45	1348	1751.66	1.29	176	177.50	1.00	23	68.75	2.98	1	13.58	13.58	06:45	1348	1751.66	1.29	176	177.50	1.00	23	68.75	2.98	1	13.58	13.58
07:00	1093	2525.72	2.31	76	84.08	1.10	22	84.06	3.82	1	56.22	56.22	07:00	1093	2525.72	2.31	76	84.08	1.10	22	84.06	3.82	1	56.22	56.22
07:15	884	2668.65	3.01	116	103.44	0.89	10	51.05	5.10	2	77.68	38.84	07:15	884	2668.65	3.01	116	103.44	0.89	10	51.05	5.10	2	77.68	38.84
07:30	1035	2633.52	2.54	161	194.82	1.21	14	82.29	5.87	0	0.00	0.00	07:30	1035	2633.52	2.54	161	194.82	1.21	14	82.29	5.87	0	0.00	0.00
07:45	1278	2390.83	1.87	231	216.39	0.93	19	66.63	3.50	3	61.72	20.57	07:45	1278	2390.83	1.87	231	216.39	0.93	19	66.63	3.50	3	61.72	20.57
08:00	1421	2160.40	1.52	256	241.49	0.94	21	53.77	2.56	6	1577.02	262.83	08:00	1421	2160.40	1.52	256	241.49	0.94	21	53.77	2.56	6	1577.02	262.83
08:15	1691	2701.07	1.59	465	592.62	1.27	41	218.54	5.33	3	189.50	63.16	08:15	1691	2701.07	1.59	465	592.62	1.27	41	218.54	5.33	3	189.50	63.16
08:30	1940	2820.85	1.45	483	633.56	1.31	146	505.83	3.46	4	239.54	59.88	08:30	1940	2820.85	1.45	483	633.56	1.31	146	505.83	3.46	4	239.54	59.88
08:45	2390	2360.25	0.98	566	616.09	1.08	138	610.49	4.42	12	328.07	27.33	08:45	2390	2360.25	0.98	566	616.09	1.08	138	610.49	4.42	12	328.07	27.33
09:00	2705	2773.18	1.02	670	879.90	1.31	62	967.22	15.60	17	3623.02	213.11	09:00	2705	2773.18	1.02	670	879.90	1.31	62	967.22	15.60	17	3623.02	213.11
09:15	3281	2552.28	0.77	739	1205.44	1.63	120	924.53	7.70	12	456.69	38.05	09:15	3281	2552.28	0.77	739	1205.44	1.63	120	924.53	7.70	12	456.69	38.05
09:30	3088	2118.94	0.68	696	871.50	1.25	141	1397.69	9.91	9	276.37	30.70	09:30	3088	2118.94	0.68	696	871.50	1.25	141	1397.69	9.91	9	276.37	30.70
09:45	3481	3077.74	0.88	1209	1385.98	1.14	272	610.41	2.24	16	381.00	23.81	09:45	3481	3077.74	0.88	1209	1385.98	1.14	272	610.41	2.24	16	381.00	23.81
10:00	3264	3526.31	1.08	929	1540.91	1.65	122	1905.23	15.61	14	589.91	42.13	10:00	3264	3526.31	1.08	929	1540.91	1.65	122	1905.23	15.61	14	589.91	42.13
10:15	4227	3399.77	0.80	1133	2404.23	2.12	210	1563.27	7.44	13	430.83	33.14	10:15	4227	3399.77	0.80	1133	2404.23	2.12	210	1563.27	7.44	13	430.83	33.14
10:30	4655	2932.69	0.63	1096	1877.02	1.71	223	1761.64	7.89	13	1432.85	110.21	10:30	4655	2932.69	0.63	1096	1877.02	1.71	223	1761.64	7.89	13	1432.85	110.21
10:45	4587	3620.89	0.78	977	2149.33	2.19	110	1561.48	14.19	7	1002.94	143.27	10:45	4587	3620.89	0.78	977	2149.33	2.19	110	1561.48	14.19	7	1002.94	143.27
11:00	5343	3744.08	0.70	1403	3114.28	2.21	269	3161.57	11.75	18	4771.96	265.10	11:00	5343	3744.08	0.70	1403	3114.28	2.21	269	3161.57	11.75	18	4771.96	265.10
11:15	4531	3945.48	0.87	1113	3744.72	3.36	166	1959.64	11.80	15	2788.19	185.87	11:15	4531	3945.48	0.87	1113	3744.72	3.36	166	1959.64	11.80	15	2788.19	185.87
11:30	4799	3516.22	0.73	1326	5258.10	3.96	182	1741.37	9.56	21	1653.07	78.71	11:30	4799	3516.22	0.73	1326	5258.10	3.96	182	1741.37	9.56	21	1653.07	78.71
11:45	4500	3532.80	0.78	1153	1905.52	1.65	209	1684.60	8.06	32	1282.63	40.08	11:45	4500	3532.80	0.78	1153	1905.52	1.65	209	1684.60	8.06	32	1282.63	40.08
12:00	4437	3876.48	0.87	1230	2917.88	2.37	154	2514.35	16.32	25</															

PR/SM CPU Usage

24/02/yy		R70P - PR/SM CPU USAGE					PAGE 1
SYSID = XAD1							
DATE = yy/01/19							
100% = 5400 SECONDS							
INTERVAL END TIME	XAD1 UTIL%	XAT1 UTIL%	XAS5 UTIL%	SYSZ UTIL%	LPAR MGMENT%	TOTAL UTIL%	
00:00	6.935	24.712	4.932	21.992	1.362	59.933	
00:15	9.120	27.014	4.182	23.013	1.520	64.849	
00:30	10.203	15.727	4.524	21.135	1.569	53.158	
00:45	9.063	18.707	4.310	20.850	1.500	54.430	
01:00	8.648	15.697	4.347	19.038	1.489	49.219	
01:15	8.665	20.343	5.206	20.684	1.468	56.366	
01:30	8.592	14.643	5.170	17.460	1.475	47.340	
01:45	10.649	16.421	4.665	18.990	1.446	52.171	
02:00	9.120	20.314	4.600	18.524	1.479	54.037	
02:15	9.796	16.974	4.747	22.185	1.560	55.262	
02:30	11.783	18.061	4.830	21.801	1.554	58.029	
02:45	11.257	19.400	4.742	19.657	1.531	56.587	
03:00	12.521	21.803	4.880	19.774	1.471	60.449	
03:15	13.937	19.860	5.077	20.566	1.437	60.877	
03:30	10.321	24.961	4.998	20.676	1.460	62.416	
03:45	8.533	19.069	5.271	20.757	1.483	55.113	
04:00	5.733	14.823	5.338	18.379	1.464	45.737	
04:15	6.353	20.798	5.379	22.712	1.433	56.675	
04:30	5.117	15.939	5.061	16.246	1.409	43.772	
04:45	5.564	17.290	5.269	16.844	1.453	46.420	
05:00	5.979	12.481	5.314	23.948	1.306	49.028	
05:15	10.131	17.142	5.525	32.112	1.287	66.197	
05:30	6.477	16.004	5.352	22.856	1.356	52.045	
05:45	6.462	14.511	5.147	15.835	1.451	43.406	
06:00	5.556	12.184	4.851	15.775	1.430	39.796	
06:15	10.238	15.075	4.943	16.326	1.432	48.014	
06:30	5.032	10.431	4.720	14.660	1.414	36.257	
06:45	5.070	9.583	4.781	15.455	1.347	36.236	
07:00	4.759	9.879	4.887	15.570	1.353	36.448	
07:15	6.849	12.254	5.593	13.032	1.443	39.171	
07:30	5.666	10.187	5.058	15.628	1.376	37.915	
07:45	15.696	11.336	5.875	15.814	1.550	50.271	
08:00	12.125	15.517	6.112	17.406	1.554	52.714	
08:15	11.608	14.647	6.867	15.557	1.588	50.267	
08:30	11.918	16.775	6.881	18.427	1.622	55.623	
08:45	13.771	19.588	7.772	18.509	1.698	61.338	
09:00	12.746	31.554	8.538	17.915	1.864	72.617	
09:15	15.208	37.591	10.778	18.913	1.912	84.402	
09:30	18.082	37.379	10.159	21.191	1.859	88.670	
09:45	19.376	36.781	10.458	25.427	1.822	93.864	
10:00	19.920	37.095	10.850	24.650	1.845	94.360	
10:15	24.031	35.676	11.521	25.999	1.498	98.725	
10:30	24.436	35.323	11.013	28.039	0.959	99.770	
10:45	24.368	35.284	10.972	28.248	0.867	99.739	
11:00	24.147	35.467	10.982	28.487	0.782	99.865	
11:15	24.698	35.404	10.679	28.285	0.835	99.901	
11:30	24.752	35.482	11.713	26.422	1.438	99.807	
11:45	24.849	35.507	11.222	26.998	1.317	99.893	
12:00	25.114	35.964	11.447	25.985	1.417	99.927	
12:15	26.102	37.365	10.754	23.965	1.685	99.871	
12:30	26.505	37.892	10.119	23.111	1.780	99.407	

CPU (Non PRSM) Busy Time by Sysid

24/02/yy		R70C - CPU (NON PRSM) BUSY TIME BY SYSID		PAGE 1
SYSID = XAD1				
DATE = yy/01/19				
INTERVAL END TIME	BUSY	CPU WAIT	INTERVAL DUR	
00:00	100.00	0.00	2700.00	
00:15	100.00	0.00	2700.00	
00:30	100.00	0.00	2697.00	
00:45	100.00	0.00	2700.00	
01:00	100.00	0.00	2700.00	
01:15	100.00	0.00	2697.00	
01:30	100.00	0.00	2700.00	
01:45	100.00	0.00	2697.00	
02:00	100.00	0.00	2700.00	
02:15	100.00	0.00	2697.00	
02:30	100.00	0.00	2700.00	
02:45	100.00	0.00	2700.00	
03:00	100.00	0.00	2697.00	
03:15	100.00	0.00	2700.00	
03:30	100.00	0.00	2697.00	
03:45	100.00	0.00	2700.00	
04:00	100.00	0.00	2700.00	
04:15	100.00	0.00	2697.00	
04:30	100.00	0.00	2700.00	
04:45	100.00	0.00	2697.00	
05:00	100.00	0.00	2700.00	
05:15	100.00	0.00	2697.00	
05:30	100.00	0.00	2700.00	
05:45	100.00	0.00	2697.00	
06:00	100.00	0.00	2700.00	
06:15	100.00	0.00	2697.00	
06:30	100.00	0.00	2700.00	
06:45	100.00	0.00	2700.00	
07:00	100.00	0.00	2697.00	
07:15	100.00	0.00	2700.00	
07:30	100.00	0.00	2700.00	
07:45	100.00	0.00	2700.00	
08:00	100.00	0.00	2697.00	
08:15	100.00	0.00	2700.00	
08:30	100.00	0.00	2700.00	
08:45	100.00	0.00	2697.00	
09:00	100.00	0.00	2700.00	
09:15	100.00	0.00	2700.00	
09:30	100.00	0.00	2697.00	
09:45	100.00	0.00	2700.00	
10:00	100.00	0.00	2700.00	
10:15	100.00	0.00	2697.00	
10:30	100.00	0.00	2700.00	
10:45	100.00	0.00	2697.00	
11:00	100.00	0.00	2700.00	
11:15	100.00	0.00	2697.00	
11:30	100.00	0.00	2700.00	
11:45	100.00	0.00	2700.00	
12:00	100.00	0.00	2697.00	
12:15	100.00	0.00	2700.00	
12:30	100.00	0.00	2700.00	
12:45	100.00	0.00	2700.00	

I/O Interrupts Per Second

24/02/yy		R70C - I/O INTERRUPTS PER SECOND BY SYSID/DATE/CPU OVER TIME										PAGE 1	
SYSID = XAD1													
DATE = yy/01/19													
CPUID = 073811		100% = 866.33 MAX OBS											
INTERVAL	I/O	PLOT PERCENTAGE											
END TIME	PER SEC	1	2	3	4	5	6	7	8	9	0		
00:00	42.11	*****											
00:15	79.26	*****											
00:30	91.44	*****											
00:45	60.82	*****											
01:00	54.90	*****											
01:15	50.62	*****											
01:30	50.94	*****											
01:45	60.12	*****											
02:00	72.88	*****											
02:15	77.26	*****											
02:30	74.93	*****											
02:45	64.02	*****											
03:00	70.52	*****											
03:15	77.51	*****											
03:30	82.40	*****											
03:45	55.22	*****											
04:00	54.17	*****											
04:15	60.03	*****											
04:30	47.17	*****											
04:45	58.33	*****											
05:00	54.17	*****											
05:15	95.28	*****											
05:30	76.59	*****											
05:45	60.25	*****											
06:00	58.44	*****											
06:15	67.04	*****											
06:30	68.74	*****											
06:45	50.30	*****											
07:00	53.39	*****											
07:15	64.05	*****											
07:30	54.56	*****											
07:45	35.90	****											
08:00	59.95	*****											
08:15	75.81	*****											
08:30	106.05	*****											
08:45	102.81	*****											
09:00	111.04	*****											
09:15	110.22	*****											
09:30	117.96	*****											
09:45	123.04	*****											
10:00	103.12	*****											
10:15	41.95	****											
10:30	36.13	****											
10:45	37.98	****											
11:00	42.15	****											
11:15	21.17	**											
11:30	13.15	**											
11:45	0.47												
12:00	0.85												
12:15	1.99												
12:30	12.63	*											

Ready Address Spaces (Maximum)

24/02/yy		R70A - READY ADDRESS SPACES (MAXIMUM) OVER DATE AND TIME										PAGE 1
SYSID = XAD1		100% = 90.00 MAX OBSERVED										
DATE = yy/01/19												
INTERVAL	READY	PLOT PERCENTAGE										
END TIME	MAX	1	2	3	4	5	6	7	8	9	0	
00:00	53	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
00:15	51	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
00:30	36	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
00:45	48	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
01:00	44	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
01:15	42	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
01:30	42	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
01:45	48	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
02:00	48	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
02:15	48	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
02:30	51	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
02:45	51	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
03:00	51	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
03:15	52	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
03:30	50	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
03:45	47	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
04:00	52	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
04:15	45	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
04:30	50	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
04:45	43	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
05:00	46	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
05:15	44	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
05:30	46	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
05:45	47	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
06:00	47	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
06:15	50	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
06:30	49	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
06:45	42	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
07:00	48	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
07:15	44	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
07:30	47	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
07:45	49	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
08:00	53	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
08:15	49	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
08:30	54	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
08:45	66	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
09:00	54	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
09:15	62	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
09:30	58	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
09:45	59	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
10:00	61	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
10:15	68	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
10:30	70	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
10:45	78	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
11:00	69	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
11:15	80	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
11:30	64	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
11:45	66	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
12:00	77	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
12:15	82	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	
12:30	90	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	

Channel Path Statistics

24/02/yy		R73 - CHANNEL PATH STATISTICS		PAGE 1
SYSID = XAD1				
DATE = yy/01/19				
CHPID	PERCENT BUSY	PATH BUSY TIME	INTERVAL DUR	
21	11.632	10045.44	86358.00	
22	2.739	2365.44	86358.00	
25	0.901	778.24	86358.00	
26	0.000	0.00	86358.00	
28	5.063	4372.48	86358.00	
29	2.418	2088.96	86358.00	
2B	0.426	368.64	86358.00	
2C	0.936	808.96	86358.00	
2F	0.948	819.20	86358.00	
30	1.565	1351.68	86358.00	
32	5.584	4823.04	86358.00	
33	2.584	2232.32	86358.00	
34	2.893	2498.56	86358.00	
37	0.000	0.00	86358.00	
38	1.387	1198.08	86358.00	
3A	1.754	1515.52	86358.00	
3B	0.201	174.08	86358.00	
3D	0.000	0.00	86358.00	
3E	1.328	1146.88	86358.00	
40	6.841	5908.48	86358.00	
41	10.339	8929.28	86358.00	
42	6.521	5632.00	86358.00	
43	0.664	573.44	86358.00	
44	3.011	2600.96	86358.00	
45	1.363	1177.60	86358.00	
46	23.632	20408.32	86358.00	
47	2.134	1843.20	86358.00	
4A	0.071	61.44	86358.00	
4C	1.256	1085.44	86358.00	
4D	0.592	512.00	86358.00	
4E	0.936	808.96	86358.00	
4F	0.830	716.80	86358.00	
A0	9.877	8529.92	86358.00	
A1	2.466	2129.92	86358.00	
A8	0.000	0.00	86358.00	
AB	6.474	5591.04	86358.00	
AC	8.466	7311.36	86358.00	
AD	0.201	174.08	86358.00	
AF	2.596	2242.56	86358.00	
B0	2.561	2211.84	86358.00	
B1	0.106	92.16	86358.00	
B2	2.679	2314.24	86358.00	
B3	5.300	4577.28	86358.00	
B4	4.197	3624.96	86358.00	
B5	3.806	3287.04	86358.00	
B6	0.130	112.64	86358.00	
B7	9.877	8529.92	86358.00	
B8	4.968	4290.56	86358.00	
B9	1.754	1515.52	86358.00	
BA	0.806	696.32	86358.00	
BD	0.000	0.00	86358.00	
C0	1.541	1331.20	86358.00	

Paging/Storage Usage

17/04/yy		R71P - PAGING/STORAGE						AGE		PAGE		1	
SYSID = XAD1													
DATE = yy/01/21													
INTERVAL	AVAILABLE	FRAMES	DEFINED	AVERAGE	ONLINE	AVG REAL	STOR	AVG EXP	STOR	PAGING	MOVE TO	EXP	EXP
END TIME	CENTRAL	CENTRAL	CENTRAL	EXP AVAIL	EXP FRAMES	UTILIZATION		UTILIZATION		RATE	PER SEC	PER SEC	PER SEC
00:00	3314	92612	46559	76800	96.42	39.37	0.09	6.93	6.50				
00:15	900	92612	44694	76800	99.02	41.80	2.39	9.20	6.44				
00:30	1921	92612	44412	76800	97.92	42.17	0.01	4.08	3.62				
00:45	1983	92612	44848	76800	97.85	41.60	0.06	5.76	5.59				
01:00	1528	92612	44739	76800	98.35	41.74	0.00	5.54	5.71				
01:15	4960	92612	40619	76800	94.64	47.11	0.01	20.36	14.35				
01:30	2098	92612	41983	76800	97.73	45.33	1.87	3.26	6.37				
01:45	2783	92612	45161	76800	96.99	41.19	0.41	2.00	1.27				
02:00	515	92612	45944	76800	99.44	40.17	0.65	2.12	4.99				
02:15	1576	92612	45608	76800	98.29	40.61	0.42	6.47	1.96				
02:30	906	92612	44238	76800	99.02	42.39	0.00	2.78	1.30				
02:45	2582	92612	43445	76800	97.21	43.43	0.00	4.09	2.84				
03:00	1730	92612	43913	76800	98.13	42.82	0.00	2.25	3.43				
03:15	1378	92612	43135	76800	98.51	43.83	0.07	4.34	1.80				
03:30	155	92612	41062	76800	99.83	46.53	0.04	5.91	2.90				
03:45	320	92612	38303	76800	99.65	50.12	0.00	6.84	4.87				
04:00	345	92612	36469	76800	99.62	52.51	0.03	9.00	4.19				
04:15	1419	92612	34288	76800	98.46	55.35	0.00	2.19	3.39				
04:30	738	92612	35494	76800	99.20	53.78	0.01	0.12	1.00				
04:45	414	92612	35534	76800	99.55	53.73	0.00	2.86	1.93				
05:00	178	92612	28015	76800	99.80	63.52	0.23	37.15	26.61				
05:15	626	92612	22635	76800	99.32	70.52	0.00	23.97	18.02				
05:30	7881	92612	3625	76800	91.49	95.27	0.00	64.81	37.20				
05:45	1668	92612	602	76800	98.19	99.21	0.00	2.75	28.27				
06:00	1332	92612	9935	76800	98.56	87.06	0.04	24.20	20.27				
06:15	1453	92612	21221	76800	98.43	72.36	0.11	4.74	13.07				
06:30	1932	92612	28936	76800	97.91	62.32	0.00	17.68	25.03				
06:45	1172	92612	38413	76800	98.73	49.98	0.00	0.00	1.04				
07:00	802	92612	39090	76800	99.13	49.10	0.00	1.29	1.28				
07:15	2579	92612	39083	76800	97.21	49.11	0.00	1.10	0.66				
07:30	2290	92612	39124	76800	97.52	49.05	0.00	1.83	0.82				
07:45	2668	92612	39135	76800	97.11	49.04	0.00	2.13	0.99				
08:00	2018	92612	39832	76800	97.82	48.13	0.00	0.00	1.40				
08:15	490	92612	40750	76800	99.47	46.94	0.00	0.00	0.31				
08:30	209	92612	40886	76800	99.77	46.76	0.00	0.33	0.43				
08:45	597	92612	40812	76800	99.35	46.85	0.00	0.71	0.61				
09:00	5064	92612	40910	76800	94.53	46.73	0.00	0.28	0.74				
09:15	11708	92612	41354	76800	87.35	46.15	0.00	0.35	0.48				
09:30	12189	92612	41533	76800	86.83	45.92	0.00	0.74	0.97				
09:45	12087	92612	41749	76800	86.94	45.63	0.00	0.98	0.56				
10:00	12279	92612	41958	76800	86.74	45.36	0.00	0.63	0.25				
10:15	11508	92612	42290	76800	87.57	44.93	0.00	2.53	1.40				
10:30	9096	92612	42787	76800	90.17	44.28	0.00	4.34	1.98				
10:45	9302	92612	43277	76800	89.95	43.64	0.00	0.60	0.47				
11:00	9645	92612	43441	76800	89.58	43.43	0.00	0.01	0.12				
11:15	9739	92612	43501	76800	89.48	43.35	0.00	0.91	0.32				
11:30	9294	92612	43572	76800	89.96	43.26	0.00	1.80	0.60				
11:45	7137	92612	43666	76800	92.29	43.14	0.26	1.42	0.25				
12:00	9502	92612	43734	76800	89.73	43.05	0.00	0.13	0.03				
12:15	9107	92612	43771	76800	90.16	43.00	0.04	0.12	0.05				
12:30	173	92612	43773	76800	99.81	43.00	0.00	2.03	0.19				
12:45	762	92612	38296	76800	99.17	50.13	0.00	13.33	2.03				

Min/Max/Avg Real Pages Used

17/04/yy		R71P - MIN/MAX/AVG REAL PAGES USED		PAGE	1
SYSID = XAD1					
DATE = yy/01/21					
		1 = MIN, 2 = AVG, 3 = MAX			
		100% = 92612.00 DEFINED REAL			
INTERVAL	MAXIMUM	PLOT PERCENTAGE			
END TIME	UNUSED FRAMES	----	----	----	----
		1	2	3	4
		5	6	7	8
		9	0		
00:00	4221				
00:15	3426				
00:30	2295				
00:45	2207				
01:00	2319				
01:15	5496				
01:30	5294				
01:45	5853				
02:00	4093				
02:15	2369				
02:30	4129				
02:45	4756				
03:00	3572				
03:15	2501				
03:30	1399				
03:45	1699				
04:00	3389				
04:15	1854				
04:30	3560				
04:45	2743				
05:00	1459				
05:15	1929				
05:30	8021				
05:45	7885				
06:00	3242				
06:15	2807				
06:30	3174				
06:45	2534				
07:00	3050				
07:15	3099				
07:30	4053				
07:45	4624				
08:00	2755				
08:15	2345				
08:30	1281				
08:45	862				
09:00	5313				
09:15	11815				
09:30	12665				
09:45	12581				
10:00	12681				
10:15	12425				
10:30	11631				
10:45	9822				
11:00	10143				
11:15	10693				
11:30	10271				
11:45	9420				
12:00	10005				
12:15	9947				

Swap Activity

17/04/yy		R715 - SWAP ACTIVITY					PAGE	1
SYSID = XAD1								
DATE = yy/01/21								
INTERVAL END TIME	TOTAL CANDIDATES	PHYSICAL SWAPS TO AUX	PHYSICAL SWAPS TO EXP	LOGICAL SWAPS TO AUX	LOGICAL SWAPS TO EXP	PHYSICAL MIGRATES EXP TO AUX		
00:00	6695	0	72	0	0	0	0	
00:15	6084	0	56	0	23	0	0	
00:30	6229	0	38	0	0	0	0	
00:45	6134	0	58	0	4	0	0	
01:00	6047	0	62	0	0	0	0	
01:15	6162	0	51	0	3	0	0	
01:30	6094	0	37	0	0	0	0	
01:45	5892	0	0	0	1	0	0	
02:00	6277	0	4	0	0	0	0	
02:15	6438	0	2	0	13	0	0	
02:30	6490	0	1	0	0	0	0	
02:45	6500	0	4	0	0	0	0	
03:00	6388	0	1	0	0	0	0	
03:15	6282	0	0	0	0	0	0	
03:30	6320	0	3	0	0	0	0	
03:45	5983	0	0	0	0	0	0	
04:00	5867	0	0	0	0	0	0	
04:15	5619	0	0	0	0	0	0	
04:30	5828	0	0	0	0	0	0	
04:45	6238	0	2	0	0	0	0	
05:00	6266	0	0	0	4	0	0	
05:15	6134	0	0	0	2	0	0	
05:30	5641	0	1	0	0	0	0	
05:45	5920	0	3	0	0	0	0	
06:00	5907	0	3	0	9	0	0	
06:15	6642	0	1	0	0	0	0	
06:30	6119	0	1	0	0	0	0	
06:45	6137	0	0	0	0	0	0	
07:00	6165	0	2	0	0	0	0	
07:15	5810	0	0	0	0	0	0	
07:30	5482	0	5	0	0	0	0	
07:45	5371	0	3	0	0	0	0	
08:00	5193	0	0	0	0	0	0	
08:15	5179	0	0	0	0	0	0	
08:30	5130	0	0	0	0	0	0	
08:45	5198	0	0	0	0	0	0	
09:00	5271	0	0	0	0	0	0	
09:15	5304	0	2	0	0	0	0	
09:30	5256	0	0	0	0	0	0	
09:45	5555	0	3	0	0	0	0	
10:00	5666	0	1	0	0	0	0	
10:15	5585	0	9	0	0	0	0	
10:30	5811	0	11	0	0	0	0	
10:45	5719	0	1	0	0	0	0	
11:00	5571	0	0	0	0	0	0	
11:15	5464	0	2	0	0	0	0	
11:30	5809	0	4	0	0	0	0	
11:45	5411	0	1	0	0	0	0	
12:00	5504	0	0	0	0	0	0	
12:15	5190	0	0	0	0	0	0	
12:30	5239	0	0	0	0	0	0	
12:45	4996	0	2	0	0	0	0	

Job Usage by Class

17/04/yy		S30 - JOB USAGE BY CLASS								PAGE 1			
SYSID = XAD1													
DATE	DAY OF	SHIFT	JOB	NUM	CPU	I/O	MSO	TAPE	AVG_RDR_WAIT	AVG_EXE_ELAPS			
YYMMDD	WEEK		CLS	TASKS	SERVICE	SERVICE	SERVICE	MNTS					
yy/01/20	FRIDAY	NPRIME		358	105949714	6495886	313920143	131	1.32	8300.95			
yy/01/20	FRIDAY	NPRIME	A	363	14790788	2164861	32634622	0	69.26	72.34			
yy/01/20	FRIDAY	NPRIME	B	216	41027400	2413182	117346387	0	468.53	1878.09			
yy/01/20	FRIDAY	NPRIME	C	5	12659423	300826	65185117	0	11.00	65531.84			
yy/01/20	FRIDAY	NPRIME	D	5	913287	66576	8096240	0	11.55	34978.84			
yy/01/20	FRIDAY	NPRIME	F	18	2577190	73476	5299831	0	529.13	107.75			
yy/01/20	FRIDAY	NPRIME	J	23	1333542	113466	5681837	0	22.43	182.58			
yy/01/20	FRIDAY	NPRIME	K	763	7836064	589338	11893777	1	33.35	10.44			
yy/01/20	FRIDAY	NPRIME	M	303	18114116	1114942	41276485	4	58.66	56.76			
yy/01/20	FRIDAY	NPRIME	P	92	40988914	8426779	101364122	36	432.97	2843.95			
yy/01/20	FRIDAY	NPRIME	S	84	6149520	963688	22726023	0	22303.85	1155.57			
yy/01/20	FRIDAY	NPRIME	T	99	129036196	23335134	765002990	215	701.81	2097.15			
yy/01/20	FRIDAY	NPRIME	V	1	82026	16824	147374	0	149.04	242.69			
yy/01/20	FRIDAY	NPRIME	Z	1	125624	1756	761521	0	2.25	43.93			
yy/01/20	FRIDAY	NPRIME	0	2	111359	38426	156436	0	44.31	99.18			
yy/01/20	FRIDAY	NPRIME	2	2	17692	4180	13023	0	1.40	28.36			
yy/01/20	FRIDAY	NPRIME	3	4	21872017	1159339	145365074	0	22.81	18558.82			
yy/01/20	FRIDAY	NPRIME	6	2	1428245	48208	6839144	0	2.27	73738.99			
SHIFT				SUM-->	FRIDAY	NPRIME	2341	405013117	47326887	1643710146	387	924.12	2018.84
yy/01/20	FRIDAY	PRIME		1023	305931756	6675731	821870843	20	1.71	6263.61			
yy/01/20	FRIDAY	PRIME	A	868	32785282	3580401	66142194	9	220.48	259.54			
yy/01/20	FRIDAY	PRIME	B	236	42407380	4074512	77056468	10	289.94	469.38			
yy/01/20	FRIDAY	PRIME	C	11	29973993	518689	118273318	0	42.61	22660.26			
yy/01/20	FRIDAY	PRIME	D	13	132030979	3157969	1907955081	0	169.49	9169.61			
yy/01/20	FRIDAY	PRIME	F	102	12875493	937492	43815739	0	625.33	351.05			
yy/01/20	FRIDAY	PRIME	I	1	15979	611	19293	0	1.79	18.95			
yy/01/20	FRIDAY	PRIME	J	116	6751444	602354	14167781	0	80.18	998.60			
yy/01/20	FRIDAY	PRIME	K	2078	23329333	2611290	42913110	0	36.03	67.35			
yy/01/20	FRIDAY	PRIME	M	36	10025943	1879345	45549537	0	183.59	590.36			
yy/01/20	FRIDAY	PRIME	P	70	5262186	2418289	15630689	0	8.25	287.67			
yy/01/20	FRIDAY	PRIME	R	3	167901	44064	151625	0	20884.75	167.94			
yy/01/20	FRIDAY	PRIME	S	36	6644816	1382013	21681427	0	2802.09	697.17			
yy/01/20	FRIDAY	PRIME	T	252	24516825	5310141	112555501	230	219.04	1290.15			
yy/01/20	FRIDAY	PRIME	Z	8	1731255	34362	15825329	0	3.85	52.59			
yy/01/20	FRIDAY	PRIME	0	7	12271	976	8699	0	4.40	17.11			
yy/01/20	FRIDAY	PRIME	2	19	9039501	2237804	24690907	0	12.36	3863.47			
yy/01/20	FRIDAY	PRIME	3	15	4778567	72696	19501944	0	12.57	3471.78			
SHIFT				SUM-->	FRIDAY	PRIME	4894	648280904	35538739	3347809485	269	130.48	1618.71
DAY				SUM-->	FRIDAY		7235	1053294021	82865626	4991519631	656	387.28	1748.18
DAYTYPE				SUM-->			7235	1053294021	82865626	4991519631	656	387.28	1748.18

Channel Path Busy Averages

17/04/yy		R73 - CHANNEL PATH BUSY AVERAGES			PAGE 1
SYSID = XAD1					
DATE	DAY OF	SHIFT	CHPID	AVG_BSY_PCT	
YYMMDD	WEEK				
yy/01/20	FRIDAY	NPRIME	00	5.47	
yy/01/20	FRIDAY	PRIME	00	17.35	
yy/01/21	SATURDAY	NPRIME	00	0.73	
yy/01/21	SATURDAY	PRIME	00	0.91	
AVG-->			40	5.31	
yy/01/20	FRIDAY	NPRIME	00	1.36	
yy/01/20	FRIDAY	PRIME	00	3.44	
yy/01/21	SATURDAY	NPRIME	00	4.11	
yy/01/21	SATURDAY	PRIME	00	4.43	
AVG-->			40	3.17	
yy/01/20	FRIDAY	NPRIME	00	0.73	
yy/01/20	FRIDAY	PRIME	00	2.33	
yy/01/21	SATURDAY	NPRIME	00	0.96	
yy/01/21	SATURDAY	PRIME	00	0.36	
AVG-->			40	1.02	
yy/01/20	FRIDAY	NPRIME	00	0.01	
yy/01/20	FRIDAY	PRIME	00	0.00	
yy/01/21	SATURDAY	NPRIME	00	0.46	
yy/01/21	SATURDAY	PRIME	00	2.11	
AVG-->			40	0.55	
yy/01/20	FRIDAY	NPRIME	00	3.36	
yy/01/20	FRIDAY	PRIME	00	8.42	
yy/01/21	SATURDAY	NPRIME	00	1.14	
yy/01/21	SATURDAY	PRIME	00	1.12	
AVG-->			40	3.17	
yy/01/20	FRIDAY	NPRIME	00	0.32	
yy/01/20	FRIDAY	PRIME	00	3.22	
yy/01/21	SATURDAY	NPRIME	00	2.09	
yy/01/21	SATURDAY	PRIME	00	1.04	
AVG-->			40	1.53	
yy/01/20	FRIDAY	NPRIME	00	0.76	
yy/01/20	FRIDAY	PRIME	00	1.78	
yy/01/21	SATURDAY	NPRIME	00	1.12	
yy/01/21	SATURDAY	PRIME	00	3.87	
AVG-->			40	1.65	
yy/01/20	FRIDAY	NPRIME	00	1.42	
yy/01/20	FRIDAY	PRIME	00	2.05	
yy/01/21	SATURDAY	NPRIME	00	4.00	
yy/01/21	SATURDAY	PRIME	00	1.23	
AVG-->			40	2.30	

VTAM Stats

17/04/yy			S50 - VTAM STATS						PAGE 1	
SYSID = XAD1										
DATE	DAY OF	SHIFT	CONTROLLER	WRITE	READ	INBOUND	OUTBOUND	NCP		
YYMMDD	WEEK		NAME	CHAN	CHAN	PIUS	PIUS	SLOWDOWNS		
				PROGS	PROGS					
yy/01/20	FRIDAY	NPRIME	A01H04	21165	0	23169	23353	0		
yy/01/20	FRIDAY	PRIME	A01H04	29869	0	29178	31898	0		
yy/01/21	SATURDAY	NPRIME	A01H04	12662	0	15092	14906	0		
yy/01/21	SATURDAY	PRIME	A01H04	10474	0	12357	12084	0		
AVG-->			A01H04	74170	0	79796	82241	0		
yy/01/20	FRIDAY	NPRIME	A01H06	18828	0	21685	23594	0		
yy/01/20	FRIDAY	PRIME	A01H06	68512	0	65196	76510	0		
yy/01/21	SATURDAY	NPRIME	A01H06	5427	0	9111	9332	0		
yy/01/21	SATURDAY	PRIME	A01H06	2979	0	5603	5121	0		
AVG-->			A01H06	95746	0	101595	114557	0		
yy/01/20	FRIDAY	NPRIME	A01H07	211079	0	249081	352348	0		
yy/01/20	FRIDAY	PRIME	A01H07	325217	0	380330	550585	0		
yy/01/21	SATURDAY	NPRIME	A01H07	25299	0	27761	29109	0		
yy/01/21	SATURDAY	PRIME	A01H07	11329	0	11305	12553	0		
AVG-->			A01H07	572924	0	668477	944595	0		
yy/01/20	FRIDAY	NPRIME	A01H08	344712	0	367497	496827	0		
yy/01/20	FRIDAY	PRIME	A01H08	472527	0	606976	817620	0		
yy/01/21	SATURDAY	NPRIME	A01H08	71393	0	82294	107981	0		
yy/01/21	SATURDAY	PRIME	A01H08	35033	0	37743	45964	0		
AVG-->			A01H08	923665	0	1094510	1468392	0		
yy/01/20	FRIDAY	NPRIME	A01H09	10761	0	10246	11287	0		
yy/01/20	FRIDAY	PRIME	A01H09	12138	0	11168	13116	0		
yy/01/21	SATURDAY	NPRIME	A01H09	5440	0	5626	5901	0		
yy/01/21	SATURDAY	PRIME	A01H09	3290	0	3401	3520	0		
AVG-->			A01H09	31629	0	30441	33824	0		
yy/01/20	FRIDAY	NPRIME	A01H21	99985	0	104922	108904	0		
yy/01/20	FRIDAY	PRIME	A01H21	61438	0	68538	69180	0		
yy/01/21	SATURDAY	NPRIME	A01H21	70667	0	75368	76611	0		
yy/01/21	SATURDAY	PRIME	A01H21	59594	0	63292	64381	0		
AVG-->			A01H21	291684	0	312120	319076	0		
yy/01/20	FRIDAY	NPRIME	A01H29	112744	0	122548	124760	0		
yy/01/20	FRIDAY	PRIME	A01H29	113313	0	117303	118000	0		
yy/01/21	SATURDAY	NPRIME	A01H29	28875	0	46122	30906	0		
yy/01/21	SATURDAY	PRIME	A01H29	9213	0	10138	10331	0		
AVG-->			A01H29	264145	0	296111	283997	0		
yy/01/20	FRIDAY	NPRIME	A01H47	0	0	0	0	0		
yy/01/20	FRIDAY	PRIME	A01H47	0	0	0	0	0		
yy/01/21	SATURDAY	NPRIME	A01H47	0	0	0	0	0		
yy/01/21	SATURDAY	PRIME	A01H47	0	0	0	0	0		
AVG-->			A01H47	0	0	0	0	0		

TAPMNT Report

17/04/yy		TAPE MOUNTS PENDING TIME				PAGE 1
SYSTEM ID	RECDATE	HOURLY OF DAY	NUMBER MOUNTS	MOUNT PEND TIME	AVERAGE MOUNT TIME	
XAD1	yy/01/21	0	3	3383.13	1127.71	
XAD1	yy/01/21	1	33	2230.12	67.57	
XAD1	yy/01/21	2	34	2789.71	82.05	
XAD1	yy/01/21	3	65	3015.05	46.38	
XAD1	yy/01/21	4	91	4525.89	49.73	
XAD1	yy/01/21	5	109	6880.59	63.12	
XAD1	yy/01/21	6	105	4872.10	46.40	
XAD1	yy/01/21	7	86	9614.99	111.80	
XAD1	yy/01/21	8	118	10169.11	86.17	
XAD1	yy/01/21	9	58	6412.32	110.55	
XAD1	yy/01/21	10	88	5814.83	66.07	
XAD1	yy/01/21	11	38	8391.67	220.83	
XAD1	yy/01/21	12	13	3350.37	257.72	
XAD1	yy/01/21	13	113	7663.64	67.81	
XAD1	yy/01/21	14	87	10663.22	122.56	
XAD1	98 01/21	15	122	13782.51	112.97	
XAD1	yy/01/21	16	61	8499.79	139.34	
XAD1	yy/01/21	17	108	8061.83	74.64	
XAD1	yy/01/21	18	0	134.35	0.00	
XAD1	yy/01/21	19	23	0.00	0.00	
XAD1	yy/01/21	20	5	233.65	46.73	
XAD1	yy/01/21	21	0	1117.89	0.00	
XAD1	yy/01/21	22	0	2519.07	0.00	
XAD1	yy/01/21	23	14	1166.14	83.29	
XAD1	yy/01/21		1374	125291.97	91.18	
XAD1			1374	125291.97	91.18	

Chapter 24: TCP/IP Reports

CA JARS supports both IPv4 AND IPv6. In several of the reports in this chapter, IPv6 addresses are shown using the industry-standard display format: eight groups of four hexadecimal digits, separated by colons. Here is an example:

```
1234:5678:abcd:ef01:2345:6789:abcd:0123
```

The first four groups are the 129-bit source address, and the second group is the 128-bit destination address.

This section contains the following topics:

[ERXT0238/EZXT0238: FTP Stats](#) (see page 246)

[ERXT0239/EZXT0239: Telnet Stats](#) (see page 246)

[ERXT0240/EZXT0240: API Socket Stats](#) (see page 247)

[ERXT0320/EZXT0320: TCP/IP Connection Termination](#) (see page 248)

[ERXT0321/EZXT0321: FTP Client Transfer Completion](#) (see page 249)

[ERXT0322/EZXT0322: TCP/IP Stack Start Stop Information](#) (see page 251)

[ERXT0323/EZXT0323: TCP/IP UDP Socket Information](#) (see page 252)

[ERXT0324/EZXT0324: TN3270 Server SNA Session Termination](#) (see page 253)

[ERXT0325/EZXT0325: TSO Telnet Client Termination](#) (see page 254)

[ERXT0326/EZXT0326: FTP Server Transfer Completion](#) (see page 255)

ERXT0238/EZXT0238: FTP Stats

This report shows TCP/IP FTP usage by IP address. It also shows the FTP command and the time required and bytes sent.

31/01/yy		FTP STATS										PAGE	1
SYS ID	CLIENT IP ADDRESS	SERVER IP ADDRESS	RECDATE	RECTIME	FTP COMMAND	START TIME	END TIME	BYTE COUNT	REMOTE USER	STC NAME OR USER	NJE NODE OR HOST		
XE06	141.202.200.006	141.202.006.015	yy/01/30	11:05:56	RETR	11:05:53	11:05:56	60837	dusga01	DUSGA01	USI106ME		
XE06	141.202.200.006	141.202.006.015						60837					
XE06	141.202.200.006	141.202.018.040	yy/01/30	11:13:03	STOR	11:13:00	11:13:03	61090	rusch01	RUSCH01	USI106ME		
			yy/01/30	14:25:17	STOR	14:25:06	14:25:17	238128	cungr01	CUNGR01	USI106ME		
			yy/01/30	14:31:28	STOR	14:31:27	14:31:28	6314	macja02	MACJA02	USI106ME		
			yy/01/30	14:45:55	STOR	14:45:48	14:45:55	150634	rusch01	RUSCH01	USI106ME		
			yy/01/30	15:41:51	STOR	15:41:43	15:41:50	150962	rusch01	RUSCH01	USI106ME		
			yy/01/30	16:03:52	RETR	16:03:50	16:03:52	35986	rusch01	RUSCH01	USI106ME		
XE06	141.202.200.006	141.202.018.040						643114					
XE06	141.202.200.006							703951					
XE06								703951					
GRAND TOTAL								703951					
REPORT	RECORDS READ	LINES PRINTED											
1	7	27											
**** REPORT PHASE ENDED				0.10 SECONDS.									

ERXT0239/EZXT0239: Telnet Stats

This report shows the TCP/IP Telnet usage by IP address.

31/01/yy		TELNET STATS										PAGE	1
SYS ID	LOCAL IP ADDRESS	REMOTE IP ADDRESS	RECDATE	RECTIME	START DATE	START TIME	END DATE	END TIME	IN BYTE COUNT	OUT BYTE COUNT	STC NAME		
XE06	141.202.200.006	130.119.061.037	yy/01/30	09:46:10	yy/01/30	08:44:17	yy/02/89	09:46:10	0	0	VITJE01		
			yy/01/30	09:58:42	yy/01/30	08:44:17	yy/02/89	09:58:42	0	0	VITJE01		
XE06	141.202.200.006	130.119.061.037							0	0			
XE06	141.202.200.006								0	0			
XE06									0	0			
GRAND TOTAL								0	0				
REPORT	RECORDS READ	LINES PRINTED											
1	2	19											
**** REPORT PHASE ENDED				0.10 SECONDS.									

ERXT0320/EZXT0320: TCP/IP Connection Termination

This report shows bytes in and out, and segments in and out, by connection.

12/02/07		TCP/IP CONNECTION TERMINATION		PAGE 1	
REPORT ID: ERXT0320		SYSTEM ID	CA11		
SOURCE : SMF 119-2		SYSPLEX	PLEXC1		
		STACK NAME	TCPIP11		
		START DATE	06/11/30		

REMOTE IP ADDRESS	LOCAL IP ADDRESS	BYTES IN	SEGMENTS IN	BYTES OUT	SEGMENTS OUT
155.035.122.053	141.202.065.011	24,518	937	466,564	1,079
		24,518	937	466,564	1,079

12/02/07		TCP/IP CONNECTION TERMINATION		PAGE 2	
REPORT ID: ERXT0320		SYSTEM ID	CA11		
SOURCE : SMF 119-2		SYSPLEX	PLEXC1		
		STACK NAME	TCPIP11		
		START DATE	06/12/01		

REMOTE IP ADDRESS	LOCAL IP ADDRESS	BYTES IN	SEGMENTS IN	BYTES OUT	SEGMENTS OUT
017.033.049.065	033.034.035.036	198	2	1,016	5
141.202.128.014	141.202.065.011	360	4	1,964	10
141.202.128.014	2222:2222:2222:2222:	198	2	1,016	5
	2222:2222:2222:2222				
1111:1111:1111:1111:	141.202.065.011	198	2	1,016	5
1111:1111:1111:1111					
1111:1111:1111:1111:	2222:2222:2222:2222:	198	2	1,016	5
1111:1111:1111:1111	2222:2222:2222:2222				
1121:3141:5161:7181:	2122:2324:2526:2728:	396	4	2,032	10
9101:A1B1:C1D1:E1F1	2920:2A2B:2C2D:2E2F				
		1,548	16	8,060	40
		26,066	953	474,624	1,119
		26,066	953	474,624	1,119
		26,066	953	474,624	1,119

12/02/07		TCP/IP CONNECTION TERMINATION		PAGE 3	
REPORT ID: ERXT0320		SYSTEM ID	XE61		
SOURCE : SMF 119-2		SYSPLEX	PLEXC1		
		STACK NAME	TCPIP61		
		START DATE	07/01/11		

REMOTE IP ADDRESS	LOCAL IP ADDRESS	BYTES IN	SEGMENTS IN	BYTES OUT	SEGMENTS OUT
130.200.020.115	141.202.065.061	382	13	1,786	14
141.202.082.220	141.202.065.061	765	29	380	21
141.202.163.186	141.202.065.061	8,911	13	3,028	18
		10,058	55	5,194	53

ERXT0321/EZXT0321: FTP Client Transfer Completion

This report shows bytes transmitted by FTP, by connection.

12/02/07		FTP CLIENT TRANSFER COMPLETION				PAGE 1
REPORT ID: ERXT0321		SYSTEM ID	CA11			
SOURCE : SMF 119-3		SYSPLEX	PLEXC1			
		STACK NAME	TCPIP11			
		START DATE	03/05/08			
REMOTE DATA IP ADDRESS	LOCAL DATA IP ADDRESS	REMOTE CONTROL IP ADDRESS	LOCAL CONTROL IP ADDRESS	BYTES TRANSMITTED		
3041:0000:2041:0000: 0000:09F1:985A:240B	3042:1111:2042:0101: 0101:09F2:985B:240C	C041:0000:2041:0000: 0000:09F1:985A:240B	C042:1111:2042:0101: 0101:09F2:985B:240C	39,023		
3041:0000:2041:0000: 0000:09F1:985A:240B	3042:1111:2042:0101: 0101:09F2:985B:240C	C041:0000:2041:0000: 0000:09F1:985A:240B	C042:1111:2042:0101: 0101:09F2:985B:240E	1,731		
				40,754		
12/02/07		FTP CLIENT TRANSFER COMPLETION				PAGE 2
REPORT ID: ERXT0321		SYSTEM ID	CA11			
SOURCE : SMF 119-3		SYSPLEX	PLEXC1			
		STACK NAME	TCPIP11			
		START DATE	06/11/30			
REMOTE DATA IP ADDRESS	LOCAL DATA IP ADDRESS	REMOTE CONTROL IP ADDRESS	LOCAL CONTROL IP ADDRESS	BYTES TRANSMITTED		
130.200.010.091	141.202.065.011	130.200.010.091	141.202.065.011	150,886,400		
130.200.010.091	141.202.065.011	130.200.010.091	4444:4444:4444:4444: 4444:4444:4444:4444	4,096		
130.200.010.091	141.202.065.011	3333:3333:3333:3333: 3333:3333:3333:3333	141.202.065.011	4,096		
130.200.010.091	141.202.065.011	3333:3333:3333:3333: 3333:3333:3333:3333	4444:4444:4444:4444: 4444:4444:4444:4444	4,096		
130.200.010.091	2222:2222:2222:2222: 2222:2222:2222:2222	130.200.010.091	141.202.065.011	4,096		
141.202.253.071	141.202.065.011	141.202.253.071	141.202.065.011	43,951,104		
1111:1111:1111:1111: 1111:1111:1111:1111	141.202.065.011	130.200.010.091	141.202.065.011	4,096		
1111:1111:1111:1111: 1111:1111:1111:1111	2222:2222:2222:2222: 2222:2222:2222:2222	130.200.010.091	141.202.065.011	4,096		
				194,862,080		
				194,902,834		
				194,902,834		
				194,902,834		
12/02/07		FTP CLIENT TRANSFER COMPLETION				PAGE 3
REPORT ID: ERXT0321		SYSTEM ID	XE96			
SOURCE : SMF 119-3		SYSPLEX	MINIPLEX			
		STACK NAME	TCPIP96			
		START DATE	07/01/08			
REMOTE DATA IP ADDRESS	LOCAL DATA IP ADDRESS	REMOTE CONTROL IP ADDRESS	LOCAL CONTROL IP ADDRESS	BYTES TRANSMITTED		
141.202.065.002	141.202.204.096	141.202.065.002	141.202.204.096	6,604		
				6,604		

ERXT0322/EZXT0322: TCP/IP Stack Start Stop Information

This report shows stack start, stack by date, and time for stack names, within system ID and sysplex name.

STACK NAME	START DATE	START TIME	EVENT TYPE
TCPIP04	03/04/20	00:39:47	STACK TERMINATION
TCPIP04	03/04/20	00:58:51	STACK START UP
TCPIP04	03/04/27	00:58:50	STACK TERMINATION
TCPIP04	03/04/27	02:40:11	STACK START UP
TCPIP04			

ERXT0323/EZXT0323: TCP/IP UDP Socket Information

This report shows inbound datagrams, bytes in, outbound datagrams, and bytes out, within system ID and stack name.

10/09/03		TCP/IP UDP SOCKET INFORMATION			PAGE 1
REPORT ID: ERXT0323		SYSTEM ID	CA11		
SOURCE : SMF 119-10		SYSPLX	PLEXC1		
		STACK NAME	TCPIP11		
		START DATE	03/05/08		
UDP SOCKET NAME	INBOUND DATAGRAMS	BYTES IN	OUTBOUND DATAGRAMS	BYTES OUT	
ADMALM6	2	542	2	76	
CUSTJ06	1	252	1	41	
DENM18	180	35,951	360	55,994	
DFSKERN	0	0	0	0	
D81DDIST	2	552	2	104	
FTPCKECK	1	271	1	38	
FTPGETUN	1	271	1	38	
FTPGET01	3	813	3	114	
FTPPTAPE	2	550	2	82	
HAYKE04V	4	988	4	144	
HUMDA021	1	252	1	41	
HUMDA022	1	252	1	41	
HUMDA028	1	252	1	41	
IDIA2FTP	1	275	1	41	
IDIA3FTP	1	275	1	41	
KULST01T	1	275	1	41	
MCPJA01	0	0	0	0	
MILMA18F	8	1,984	8	296	
MVSNFSC	31	2,412	31	1,846	
NTUJE01T	1	248	1	37	
OMVS	0	0	0	0	
PATCH01E	1	248	1	37	
PATCH01F	9	2,232	9	333	
PDCJP	2	496	2	74	
PETHE03H	5	1,375	5	205	
PRDISQLD	10	2,520	10	410	
P01FTP	1	275	1	41	
P01PSP	1	275	1	41	
P99FTP	1	275	1	41	
QJFTP	1	249	1	38	
SCHKE07L	1	247	1	36	
SHOD002T	5	1,355	5	190	
STNMSSI1	0	0	0	0	
STNMSSI2	0	0	0	0	
STNMSSI3	0	0	0	0	
STNMSSI4	0	0	0	0	
STNMSSI5	0	0	0	0	
STNMSSI6	0	0	0	0	
STNMSSI7	0	0	0	0	
STNMSSI8	0	0	0	0	
STNMSSI9	0	0	0	0	
TSMATTZ	1	279	1	42	
	280	56,241	460	60,544	

ERXT0324/EZXT0324: TN3270 Server SNA Session Termination

This report shows bytes in and bytes out by Telnet LUNAME and host application name within system ID and stack name.

10/09/YY		TN3270 SERVER SNA SESSION TERMINATION		PAGE	1
REPORT ID:	ERXT0324	SYSTEM ID	CA11		
SOURCE :	SMF 119-21	SYSPLEX	PLEXC1		
		STACK NAME	TCPIP11		
		START DATE	03/05/08		
TELNET LUNAME	HOSTAPP NAME	BYTES IN	BYTES OUT		
A11XX001	A55ITPXX	2,049	46,934		
A11XX002	A55ITPXX	1,412	20,053		
A11XX003	A55ITPXX	4,595	190,893		
A11XX004	A55ITPXX	40	139		
A11XX005	A55ITPXX	10,568	473,257		
A11XX027	A55ITPXX	4,991	215,089		
A11XX028	A55ITPXX	142,619	5,101,759		
A11XX029	A55ITPXX	7,110	417,004		
A11XX030	A55ITPXX	29,232	1,369,956		
A11XX031	A55ITPXX	1,138	40,720		
		-----	-----		
		203,754	7,875,804		
		-----	-----		
		412,033	16,499,786		
		-----	-----		
		412,033	16,499,786		
		-----	-----		
		412,033	16,499,786		
		-----	-----		

ERXT0325/EZXT0325: TSO Telnet Client Termination

This report shows bytes in and bytes out by connection and NJE node name, within system ID and stack name.

12/02/07		TSO TELNET CLIENT TERMINATION		PAGE 1	
REPORT ID: ERXT0325		SYSTEM ID	XE96		
SOURCE : SMF 119-23		SYSPLEX	MINIPLEX		
		STACK NAME	TCPIP96		
		START DATE	03/04/29		
REMOTE IP ADDRESS	LOCAL IP ADDRESS	NJE NODENAME	BYTES IN	BYTES OUT	
141.202.204.096	161.178.195.212	USI291ME	249	78	
141.202.204.096	1020:3040:5060:7080: 9000:1F2F:3D4A:5C60	USI296ME	249	78	
1020:3040:5060:7080: 9000:1F2F:3D4A:5C60	161.178.195.212	USI292ME	249	78	
0000:0000:0010:1010: 1010:AAFBF:8DCA:CC60	0000:0000:0000:2020: 2020:2F2F:8DCA:CC60	USI292ME	249	78	
			996	312	
			996	312	
			996	312	
			996	312	
			996	312	
12/02/07		TSO TELNET CLIENT TERMINATION		PAGE 2	
REPORT ID: ERXT0325		SYSTEM ID	XE96		
SOURCE : SMF 119-23		SYSPLEX	MINIPLEX		
		STACK NAME	TCPIP96		
		START DATE	03/04/29		
REMOTE IP ADDRESS	LOCAL IP ADDRESS	NJE NODENAME	BYTES IN	BYTES OUT	
GRAND TOTAL			996	312	

ERXT0326/EZXT0326: FTP Server Transfer Completion

This report shows bytes transmitted by connection within system ID and sysplex.

12/02/07		FTP SERVER TRANSFER COMPLETION			PAGE 1
REPORT ID: ERXT0326		SYSTEM ID CA31			
SOURCE : SMF 119-70		SYSPLEX PLEXC1			
		START DATE 06/12/12			
REMOTE DATA IP ADDRESS	LOCAL DATA IP ADDRESS	REMOTE CONTROL IP ADDRESS	LOCAL CONTROL IP ADDRESS	BYTES TRANSMITTED	
017.017.017.017	034.034.034.034	051.051.051.051	068.068.068.068	328	
130.119.125.146	141.202.065.031	130.119.125.146	141.202.065.031	2,214	
130.119.125.146	141.202.065.031	130.119.125.146	1020:3040:5060:7080: 9000:1F2F:3D4A:516F	1,230	
130.119.125.146	141.202.065.031	1020:3040:5060:7080: 9000:1F2F:3247:5D62	141.202.065.031	1,230	
130.119.125.146	141.202.065.031	1020:3040:5060:7080: 9000:1F2F:3247:5D62	0102:0304:0506:0708: 0900:F1F2:83C4:4516	1,230	
130.119.125.146	1020:3040:5060:7080: 9000:1F2F:3D4A:516F	130.119.125.146	141.202.065.031	328	
1020:3040:5060:7080: 9000:1F2F:3247:5D62	141.202.065.031	130.119.125.146	141.202.065.031	328	
1020:3040:5060:7080: 9000:1F2F:3247:5D62	0102:0304:0506:0708: 0900:F1F2:83C4:4516	130.119.125.146	141.202.065.031	328	

				7,216	

				7,216	

				7,216	

12/02/07		FTP SERVER TRANSFER COMPLETION			PAGE 2
REPORT ID: ERXT0326		SYSTEM ID XAD1			
SOURCE : SMF 119-70		SYSPLEX PLEXC1			
		START DATE 03/07/08			
REMOTE DATA IP ADDRESS	LOCAL DATA IP ADDRESS	REMOTE CONTROL IP ADDRESS	LOCAL CONTROL IP ADDRESS	BYTES TRANSMITTED	
130.200.007.199	141.202.066.001	141.202.066.001	130.200.007.199	22,436	
141.202.155.052	141.202.066.001	141.202.066.001	141.202.155.052	122,292	

				144,728	

				144,728	

				144,728	

12/02/07		FTP SERVER TRANSFER COMPLETION			PAGE 3
REPORT ID: ERXT0326		SYSTEM ID XE96			
SOURCE : SMF 119-70		SYSPLEX MINIPLEX			
		START DATE 07/01/08			
REMOTE DATA IP ADDRESS	LOCAL DATA IP ADDRESS	REMOTE CONTROL IP ADDRESS	LOCAL CONTROL IP ADDRESS	BYTES TRANSMITTED	
138.042.028.111	141.202.204.096	138.042.028.111	141.202.204.096	1,886	
1111:1111:1111:1111	141.202.204.096	3333:3333:3333:3333	141.202.204.096	34	
1111:1111:1111:1111		3333:3333:3333:3333			

				1,920	

Chapter 25: TSO Reports

This section contains the following topics:

[ERXT0034/EZXT0034: TSO Session Analysis](#) (see page 257)

[ERXT0104/EZXT0104: TSO/E Command Report](#) (see page 258)

[ERXT0203/EZXT0203: TSO/E Address Space Usage](#) (see page 259)

ERXT0034/EZXT0034: TSO Session Analysis

This report lists the TSO session by user ID and the resources used.

2/28/yy TSO SESSION ANALYSIS														PAGE	1
USERID	LOGON DATE	LOGON TIME	LOGOFF TIME	TSU NBR	CONNECT TIME	CONNECT TIME-AVG	ACTIVE TIME	ACTIVE TIME-AVG	CPU TIME	CPU TIME-AVG	TSO TPUTS	TSO TGETS	PERC TOTAL		
AAPGL1	yy/01/11	10:02:12	10:03:33	00996	00:01:20	00:01:20	00:00:42	00:00:42	00:00:02	00:00:02	34	13	.011		
	yy/01/10	09:18:49	09:19:52	05259	00:01:02	00:01:02	00:00:20	00:00:20	00:00:02	00:00:02	36	15	.009		
				2	00:02:22	00:01:11	00:01:03	00:00:31	00:00:04	00:00:02	70	28	.020		
AHETH01	yy/01/10	09:20:09	13:45:49	05306	04:25:39	04:25:39	00:08:02	00:08:02	00:00:35	00:00:35	2128	1974	.157		
	yy/01/11	14:20:38	16:45:25	06209	02:24:46	02:24:46	00:07:48	00:07:48	00:00:30	00:00:30	2709	2596	.136		
	yy/01/11	16:49:58	17:41:35	02587	00:51:35	00:51:35	00:02:55	00:02:55	00:00:14	00:00:14	1932	1912	.064		
	yy/01/11	16:46:52	16:48:50	02462	00:01:57	00:01:57	00:00:53	00:00:53	00:00:02	00:00:02	50	29	.011		
	yy/01/11	09:27:57	13:32:48	00347	04:04:50	04:04:50	00:11:38	00:11:38	00:00:45	00:00:45	944	691	.201		
	yy/01/10	13:52:40	17:02:02	04181	03:09:21	03:09:21	00:10:22	00:10:22	00:00:20	00:00:20	1411	1281	.091		
				6	14:58:11	02:29:41	00:41:41	00:06:56	00:02:27	00:00:24	9174	8483	.660		
AKIOL01	yy/01/10	14:35:01	15:35:53	05422	01:00:51	01:00:51	00:00:17	00:00:17	00:00:01	00:00:01	19	0	.008		
	yy/01/11	08:38:51	10:58:16	07621	02:19:24	02:19:24	00:01:26	00:01:26	00:00:04	00:00:04	114	91	.020		
	yy/01/10	21:44:15	00:25:01	04765	02:40:45	02:40:45	00:02:00	00:02:00	00:00:04	00:00:04	175	136	.021		
	yy/01/10	16:33:31	17:23:06	01329	00:49:33	00:49:33	00:00:36	00:00:36	00:00:02	00:00:02	39	19	.011		
	yy/01/11	13:55:00	15:38:16	05351	01:43:15	01:43:15	00:02:06	00:02:06	00:00:05	00:00:05	198	107	.025		
	yy/01/11	16:23:40	16:55:08	01954	00:31:26	00:31:26	00:00:52	00:00:52	00:00:04	00:00:04	97	78	.018		
	yy/01/10	08:27:48	12:24:02	04617	03:56:13	03:56:13	00:04:49	00:04:49	00:00:09	00:00:09	433	408	.043		
	yy/01/10	13:18:14	14:20:25	03489	01:02:10	01:02:10	00:00:19	00:00:19	00:00:01	00:00:01	24	4	.008		
				8	14:03:41	01:45:27	00:12:28	00:01:33	00:00:34	00:00:04	1099	843	.154		
ALBJA01	yy/01/11	12:50:19	13:32:12	03997	00:41:52	00:41:52	00:00:34	00:00:34	00:00:02	00:00:02	47	21	.012		
				1	00:41:52	00:41:52	00:00:34	00:00:34	00:00:02	00:00:02	47	21	.012		
ALEDA01	yy/01/11	16:01:05	17:04:44	01391	01:03:38	01:03:38	00:00:36	00:00:36	00:00:02	00:00:02	29	14	.009		
	yy/01/11	14:19:15	15:20:54	06168	01:01:38	01:01:38	00:00:19	00:00:19	00:00:01	00:00:01	18	0	.008		
	yy/01/11	11:09:12	11:10:14	02431	00:01:01	00:01:01	00:00:23	00:00:23	00:00:02	00:00:02	17	2	.010		
				3	02:06:18	00:42:06	00:01:19	00:00:26	00:00:05	00:00:01	64	16	.027		
ALLMI03	yy/01/10	11:38:50	11:44:32	01098	00:05:41	00:05:41	00:00:39	00:00:39	00:00:02	00:00:02	18	3	.010		
				1	00:05:41	00:05:41	00:00:39	00:00:39	00:00:02	00:00:02	18	3	.010		
ALMVI02	yy/01/10	12:26:44	13:28:30	02281	01:01:44	01:01:44	00:00:14	00:00:14	00:00:01	00:00:01	23	7	.006		
	yy/01/10	10:54:20	11:55:41	07633	01:01:20	01:01:20	00:00:06	00:00:06	00:00:00	00:00:00	13	0	.004		
	yy/01/11	10:38:39	11:39:08	01791	01:00:28	01:00:28	00:00:15	00:00:15	00:00:01	00:00:01	42	0	.006		
	yy/01/11	14:22:09	18:57:08	06262	04:34:58	04:34:58	00:02:45	00:02:45	00:00:07	00:00:07	379	353	.032		
	yy/01/11	12:09:00	13:33:00	03436	01:23:58	01:23:58	00:02:29	00:02:29	00:00:02	00:00:02	78	34	.010		
	yy/01/10	17:39:32	18:45:24	02923	01:05:51	01:05:51	00:00:47	00:00:47	00:00:03	00:00:03	171	74	.014		
	yy/01/10	17:36:46	17:38:22	02881	00:01:34	00:01:34	00:00:07	00:00:07	00:00:01	00:00:01	42	1	.005		
	yy/01/10	17:05:14	17:36:43	02179	00:31:27	00:31:27	00:00:54	00:00:54	00:00:03	00:00:03	102	75	.013		
	yy/01/10	15:23:11	16:45:09	06996	01:21:56	01:21:56	00:00:54	00:00:54	00:00:04	00:00:04	153	133	.019		
				9	12:03:20	01:20:22	00:08:36	00:00:57	00:00:24	00:00:02	1003	677	.109		
ALVFR02	yy/01/10	13:47:49	17:02:19	04025	03:14:29	03:14:29	00:10:43	00:10:43	00:00:06	00:00:06	54	34	.028		
				1	03:14:29	03:14:29	00:10:43	00:10:43	00:00:06	00:00:06	54	34	.028		
AMBGA01	yy/01/11	08:14:24	10:20:33	07331	02:06:08	02:06:08	00:01:06	00:01:06	00:00:04	00:00:04	330	309	.018		
	yy/01/11	13:33:45	16:43:46	04804	03:09:59	03:09:59	00:04:08	00:04:08	00:00:20	00:00:20	3296	3239	.092		
	yy/01/11	10:37:36	13:33:00	01767	02:55:22	02:55:22	00:05:37	00:05:37	00:00:15	00:00:15	3900	3833	.070		
	yy/01/10	07:59:53	13:23:48	04439	05:23:54	05:23:54	00:03:46	00:03:46	00:00:12	00:00:12	725	654	.057		
				4	13:35:26	03:23:51	00:14:38	00:03:39	00:00:53	00:00:13	8251	8035	.237		

ERXT0104/EZXT0104: TSO/E Command Report

This summary report provides information on the most commonly used TSO/E commands.

3/02/yy		TSO/E COMMAND REPORT					PAGE 354
REPORT ID: EZXT0104							
JOB NAME	RDR S.DATE	READER TIME	JOB NUMBER	RACF ID	CMD NAME	CMD CMT	
ZARMA01	yy/01/13	14:07:46	TSU01530	ZARMA01	FREE	18	
	yy/01/13	14:07:46		ZARMA01	EXEC	4	
	yy/01/13	14:07:46		ZARMA01	ATTRIB	2	
	yy/01/13	14:07:46		ZARMA01	ALLOC	34	
ZARMA01			TSU01530			169	
ZARMA01						433	
ZIEMA01	yy/01/13	13:32:41	TSU00620	ZIEMA01	ATTRIB	2	
	yy/01/13	13:32:41		ZIEMA01	ALLOC	32	
	yy/01/13	13:32:41		ZIEMA01	***OTHER	8	
	yy/01/13	13:32:41		ZIEMA01	PROFILE	2	
	yy/01/13	13:32:41		ZIEMA01	LOGOFF	1	
	yy/01/13	13:32:41		ZIEMA01	FREE	17	
	yy/01/13	13:32:41		ZIEMA01	EXEC	4	
ZIEMA01			TSU00620			17	
ZIEMA01	yy/01/13	13:27:31	TSU00492	ZIEMA01	PROFILE	2	
	yy/01/13	13:27:31		ZIEMA01	ALLOC	32	
	yy/01/13	13:27:31		ZIEMA01	***OTHER	10	
	yy/01/13	13:27:31		ZIEMA01	LOGOFF	1	
	yy/01/13	13:27:31		ZIEMA01	FREE	17	
	yy/01/13	13:27:31		ZIEMA01	EXEC	4	
	yy/01/13	13:27:31		ZIEMA01	ATTRIB	2	
ZIEMA01			TSU00492			68	
ZIEMA01						134	
ZIEPA02	yy/01/13	09:37:29	TSU00273	ZIEPA02	ATTRIB	2	
	yy/01/13	09:37:29		ZIEPA02	ALLOC	33	
	yy/01/13	09:37:29		ZIEPA02	***OTHER	5	
	yy/01/13	09:37:29		ZIEPA02	PROFILE	2	
	yy/01/13	09:37:29		ZIEPA02	FREE	17	
	yy/01/13	09:37:29		ZIEPA02	EXEC	4	
ZIEPA02			TSU00273			63	
ZIEPA02	yy/01/13	17:30:21	TSU07229	ZIEPA02	PROFILE	2	
	yy/01/13	17:30:21		ZIEPA02	FREE	17	
ZIEPA02			TSU07229			19	
ZIEPA02	yy/01/13	17:26:46	TSU07164	ZIEPA02	ALLOC	33	
	yy/01/13	17:26:46		ZIEPA02	***OTHER	5	
	yy/01/13	17:26:46		ZIEPA02	PROFILE	2	
	yy/01/13	17:26:46		ZIEPA02	FREE	17	
	yy/01/13	17:26:46		ZIEPA02	EXEC	4	
GRAND - TOTAL						134,257	

ERXT0203/EZXT0203: TSO/E Address Space Usage

This detail report shows the level of activity for TSO address spaces. P0 through P11 levels represent the percentage of counts in IBM SMF fields SMF70T00 through SMF70T11, respectively.

04/01/yy		TSO/E ADDRESS SPACE USAGE														PAGE 1
SYS ID	INTRVL DATE	START TIME	TSO MIN	TSO MAX	P0	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11
XAD1	yy/04/01	00:00:00	16	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	00:15:00	18	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	00:30:00	17	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	00:45:00	17	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	01:00:00	15	17	0.00	0.00	0.00	0.00	0.00	0.00	43.54	56.45	0.00	0.00	0.00	0.00
XAD1	yy/04/01	01:15:00	9	15	0.00	0.00	0.00	0.00	0.00	82.30	17.69	0.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	01:30:00	10	11	0.00	0.00	0.00	0.00	0.00	74.06	25.93	0.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	01:45:00	10	16	0.00	0.00	0.00	0.00	0.00	22.67	75.65	1.66	0.00	0.00	0.00	0.00
XAD1	yy/04/01	02:00:00	16	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	02:15:00	17	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
XAD1	yy/04/01	02:30:00	19	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.41	40.58	0.00	0.00	0.00
XAD1	yy/04/01	02:45:00	23	29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	69.35	30.64	0.00	0.00
XAD1	yy/04/01	03:00:00	27	30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
XAD1	yy/04/01	03:15:00	30	47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.84	35.36	61.78
XAD1	yy/04/01	03:30:00	44	56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	03:45:00	56	64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	04:00:00	63	71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	04:15:00	70	76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	04:30:00	73	78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	04:45:00	66	75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	05:00:00	67	73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	05:15:00	67	72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	05:30:00	67	71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	05:45:00	67	72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	06:00:00	61	68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	06:15:00	59	64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	06:30:00	51	61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	06:45:00	46	52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	07:00:00	43	48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	07:15:00	42	47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	07:30:00	44	63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	07:45:00	62	79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	08:00:00	76	100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	08:15:00	99	123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	08:30:00	121	149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	08:45:00	149	186	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	09:00:00	186	221	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	09:15:00	217	245	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	09:30:00	243	265	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	09:45:00	263	284	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	10:00:00	273	290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	10:15:00	288	300	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	10:30:00	292	301	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	10:45:00	278	298	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	11:00:00	278	291	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	11:15:00	284	295	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	11:30:00	283	290	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	11:45:00	278	286	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	12:00:00	275	285	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	12:15:00	271	283	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	12:30:00	259	272	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	12:45:00	243	261	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	13:00:00	229	247	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
XAD1	yy/04/01	13:15:00	219	231	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00

Chapter 26: Turnaround Reports

This section contains the following topics:

[ERXT0021/EZXT0021: Class/Priority Turnaround Analysis](#) (see page 261)

[ERXT0022/EZXT0022: Job Turnaround Analysis](#) (see page 262)

ERXT0021/EZXT0021: Class/Priority Turnaround Analysis

This report analyzes the computer resources used by each priority within a job class. It can help management evaluate changes in priority and class structure.

3/01/yy		CLASS/ PRIORITY TURNAROUND ANALYSIS								PAGE	1
JOB CLASS PRIORITY	NBR JOBS	NBR STEP	RDR-QUE TIME-AVG	ALLOCATE TIME-AVG	ELAPSED TIME-AVG	CPU TIME-AVG	SERV RATE	PERCENT JOBS			
CLASS JOBS											
PRIORITY	9	850	25	00:00:49	02:14:14	50:01:46	00:04:03	509	6.83		
CLASS A JOBS											
PRIORITY	9	2,129	733	00:00:27	01:54:20	00:01:07	00:00:01	1,896	22.34		
CLASS B JOBS											
PRIORITY	9	374	211	00:00:30	00:50:23	00:03:30	00:00:06	2,790	4.56		
CLASS C JOBS											
PRIORITY	9	6	3	00:00:03	06:28:07	16:30:03	00:04:19	70	.07		
CLASS D JOBS											
PRIORITY	9	3	2	00:00:04	00:01:39	12:49:05	02:19:42	841-	.03		
CLASS E JOBS											
PRIORITY	9	64	43	00:00:03	05:36:56	00:00:16	00:00:00	397	.83		
CLASS F JOBS											
PRIORITY	9	1,043	48	00:00:05	01:00:14	00:01:26	00:00:02	1,550	8.51		
CLASS J JOBS											
PRIORITY	9	389	181	00:00:01	00:17:19	00:04:46	00:00:01	642	4.44		
CLASS K JOBS											
PRIORITY	9	2,754	1,507	00:00:18	00:33:37	00:00:16	00:00:00	2,225	33.26		
CLASS M JOBS											
PRIORITY	9	85	31	00:00:10	00:54:50	00:02:35	00:00:06	1,919	.90		
CLASS P JOBS											
PRIORITY	9	150	60	00:02:35	02:13:58	00:13:01	00:00:14	2,805	1.63		
CLASS R JOBS											
PRIORITY	9	27	13	00:00:43	02:16:33	00:03:32	00:00:06	1,530	.31		
CLASS T JOBS											
PRIORITY	9	1,225	193	00:07:57	01:21:29	00:08:25	00:00:04	759	11.06		
CLASS Y JOBS											
PRIORITY	9	171	50	01:02:10	03:26:48	00:07:25	00:00:18	5,703	1.72		
CLASS Z JOBS											
PRIORITY	9	134	57	00:09:19	02:22:31	00:00:51	00:00:01	3,327	1.49		
CLASS 0 JOBS											
PRIORITY	254	65	21	00:00:05	01:04:39	00:00:37	00:00:00	1,298	.67		
CLASS 2 JOBS											
PRIORITY	9	21	4	00:00:05	00:00:25	05:55:08	00:00:23	34	.19		
CLASS 3 JOBS											
PRIORITY	9	96	29	00:13:11	02:33:52	04:14:32	00:00:26	90	.97		
CLASS 5 JOBS											
PRIORITY	9	9	5	00:00:03	03:45:50	08:46:12	00:00:18	58	.10		
		9,595	3,216	00:02:04	01:09:17	00:30:07	00:00:00	364	100.00		

ERXT0022/EZXT0022: Job Turnaround Analysis

This report tracks a job from the time it enters the system until the last data set is purged. This helps you identify the reason a job is delayed.

12/02/yy J O B T U R N A R O U N D A N A L Y S I S												PAGE	262
JOB NAME	JES JOBID	PERF GROUP	JOB CLS	RDR DATE	START DATE	RDR DURATION	RDR START TIME	RDR QUE TIME-AVG	RUN DATE	START TIME	ALLOCATE TIME-AVG	ELAPSED TIME-AVG	
ZIEPA020	JOB04483	7 K	yy/11/10	00:00:00	14:18:35	00:00:00	14:17:01	00:00:13	00:00:16				
ZIEPA020	2			00:00:00		00:00:00		00:00:11	00:00:13				
ZIEPA02P	JOB02466	7 K	yy/11/10	00:00:00	10:46:15	00:00:00	10:44:41	00:00:09	00:00:11				
ZIEPA02P	1			00:00:00		00:00:00		00:00:09	00:00:10				
ZIEPA02Q	JOB04694	7 K	yy/11/10	00:00:00	13:06:23	00:00:00	13:04:49	00:00:14	00:00:15				
ZIEPA02Q	1			00:00:00		00:00:00		00:00:14	00:00:14				
ZIEPA02R	JOB02330	7 K	yy/11/10	00:00:00	10:38:20	00:00:00	10:36:47	00:00:00	00:00:08				
ZIEPA02R	1			00:00:00		00:00:00		00:00:00	00:00:08				
ZIEPA02S	JOB02351	7 K	yy/11/10	00:00:00	10:39:51	00:00:00	10:38:17	00:00:00	00:00:09				
	JOB04000	7 K	yy/11/10	00:00:00	13:19:27	00:00:00	13:17:54	00:00:18	00:00:18				
ZIEPA02S	2			00:00:00		00:00:00		00:00:09	00:00:13				
ZIEPA02X	JOB04287	7 K	yy/11/10	00:00:00	12:32:04	00:00:00	12:30:33	00:00:18	00:00:19				
ZIEPA02X	1			00:00:00		00:00:00		00:00:18	00:00:19				
ZIEPA02Y	JOB07620	7 K	yy/11/10	00:00:00	15:13:36	00:00:00	15:12:03	00:00:09	00:00:11				
ZIEPA02Y	1			00:00:00		00:00:00		00:00:09	00:00:11				
ZIEPE01	JOB00279	7 K	yy/11/10	00:00:00	09:14:38	00:00:00	09:14:05	00:00:00	00:00:15				
ZIEPE01	1			00:00:00		00:00:00		00:00:00	00:00:15				
	3944					03:52:10		00:01:30		00:00:25	00:02:33		

Chapter 27: UNIX Reports

This section contains the following topics:

[ERXT0212/EZXT0212: UNIX System Services Address Space Usage](#) (see page 264)

[ERXT0241/EZXT0241: UNIX System Services Job Usage](#) (see page 265)

ERXT0241/EZXT0241: UNIX System Services Job Usage

This report shows task usage of UNIX System Services.

10/01/yy		UNIX SYSTEM SERVICES JOB USAGE							PAGE	1
SYS ID	JOB NAME	RECDATE	RECTIME	SUBSYS ID	CPU TIME	OE SERVICES REQUESTED	HFS REGULAR READS	HFS REGULAR WRITES		
XE96	BRIANH	yy/10/13	07:52:35	TS0	0.01	654	148	6		
XE96	BRIANH				0.01	654	148	6		
XE96					0.01	654	148	6		
GRAND TOTAL					0.01	654	148	6		
REPORT	RECORDS READ	LINES PRINTED								
1	1	15								
**** REPORT PHASE ENDED				0.10 SECONDS.						

Chapter 28: Utilization Reports

This section contains the following topics:

[ERXT0019/EZXT0019: Tape Mounts by Job Name](#) (see page 268)

[ERXT0042/EZXT0042: Utilization Summary by Job](#) (see page 269)

[ERXT0043/EZXT0043: Utilization Summary by Program](#) (see page 270)

[ERXT0045/EZXT0045: Abnormal Terminations by Program Name](#) (see page 271)

[ERXT0050/EZXT0050: Printer Device Utilization By Day](#) (see page 272)

[ERXT0051/EZXT0051: Special Forms Utilization](#) (see page 273)

[ERXT0106/EZXT0106: Extended Sysout Report](#) (see page 274)

[ERXT0330/EZXT0330: Dependent Enclave CPU Usage](#) (see page 275)

[ERXT0342/EZXT0342: IP Printway Usage Report](#) (see page 276)

ERXT0019/EZXT0019: Tape Mounts by Job Name

This report shows the number of specific and non-specific tape mounts by job name.

2/28/yy		T A P E M O U N T S B Y J O B N A M E								PAGE	1
TAPE MOUNTS	JOB NAME	NBR JOBS	ALLOC TIME-AVG	ELAPSED TIME-AVG	CPU TIME-AVG	TAPE I/O	DISK I/O	I/O INDEX	PERCENT OF JOBS		
01 TAPE MOUNT	ABAMEL	2	00:00:01	00:02:30	00:00:00	18	6	300	0.28		
01 TAPE MOUNT	AJR60PTF	1	00:08:34	00:08:40	00:00:00	252	320	1430	0.14		
01 TAPE MOUNT	ALMVI02T	2	00:04:09	00:04:12	00:00:00	956	71	1770	0.28		
01 TAPE MOUNT	ALOGBKUP	3	00:04:41	00:04:42	00:00:02	69,525	38,310	17562	0.42		
01 TAPE MOUNT	ALVFR002	2	00:00:00	00:00:29	00:00:00	614	22	2650	0.28		
01 TAPE MOUNT	ALVFR003	3	00:00:12	00:00:48	00:00:00	370	49	544	0.42		
01 TAPE MOUNT	ANDCL02	2	00:00:00	00:04:55	00:00:00	64	6	583	0.28		
01 TAPE MOUNT	AUFCH01L	1	00:00:14	00:08:13	00:00:04	4,171	1,679	1458	0.14		
01 TAPE MOUNT	AUFCH01T	2	00:02:49	00:02:56	00:00:00	358	17	1102	0.28		
01 TAPE MOUNT	BACKUP	6	00:05:16	00:05:24	00:00:01	4,651	3,219	1103	0.84		
01 TAPE MOUNT	BAXTH01C	2	00:05:09	00:07:55	00:00:00	47	0	671	0.28		
01 TAPE MOUNT	BAXTH01X	2	00:03:00	00:09:53	00:00:01	14,783	14,781	8351	0.28		
02 TAPES MOUNTED	ADMNLBKD	2	00:09:26	00:14:35	00:00:11	41,123	56,212	4248	0.28		
02 TAPES MOUNTED	ALLPROD	1	00:00:02	00:14:52	00:00:12	135	19	11	0.14		
02 TAPES MOUNTED	ANNEW	1	04:38:52	05:34:08	00:05:53	41,462	11,060	148	0.14		
02 TAPES MOUNTED	BEHMA01B	1	00:17:23	00:17:23	00:00:28	20,047	13,280	1188	0.14		
02 TAPES MOUNTED	BEHMA01S	2	00:00:00	00:13:56	00:00:18	30,217	26,007	1528	0.28		
02 TAPES MOUNTED	BEHMA01X	1	00:00:00	00:18:36	00:00:49	15,923	15,694	633	0.14		
03 TAPES MOUNTED	ASM2LDMP	2	00:25:12	00:25:12	00:01:08	34,625	53,212	644	0.28		
03 TAPES MOUNTED	BEHMA01C	1	01:09:30	01:09:30	00:01:22	21,402	32,435	652	0.14		
03 TAPES MOUNTED	BEHMA01S	1	00:00:00	00:43:28	00:01:13	21,415	32,221	729	0.14		
05 TAPES MOUNTED	DLACUT02	2	00:46:58	00:46:59	00:01:31	75,019	67,753	782	0.28		
05 TAPES MOUNTED	PUBLIC	2	00:00:00	00:35:41	00:00:19	98,991	53,572	3857	0.28		
05 TAPES MOUNTED	RRLOAD	1	00:16:19	00:16:24	00:00:09	6,368	53,139	6097	0.14		
05 TAPES MOUNTED		16	00:25:29	00:50:40	00:00:39	352,941	215,876	1387	2.25		
06 TAPES MOUNTED	ASM2IBK8	1	00:00:01	01:46:52	00:01:16	14,240	90,466	1377	0.14		
06 TAPES MOUNTED	BOYRI01B	1	00:18:57	00:18:57	00:01:31	40,843	5,771	508	0.14		
06 TAPES MOUNTED	CARTCPY5	1	00:00:00	00:06:24	00:00:02	0	0	0	0.14		
09 TAPES MOUNTED	ALOGWKLY	1	00:59:26	00:59:26	00:00:09	171,983	3	18941	0.14		
09 TAPES MOUNTED	IXRASUBS	1	22:59:36	22:59:37	00:09:30	0	0	0	0.14		
09 TAPES MOUNTED	RRLOAD	1	01:18:07	01:18:13	00:00:25	14,112	171,266	7275	0.14		
09 TAPES MOUNTED		3	04:16:02	04:16:05	00:01:36	186,095	171,269	590	0.42		
10 TAPES MOUNTED	ASM2IBK1	1	00:00:02	02:08:50	00:00:49	17,168	90,335	2177	0.14		
10 TAPES MOUNTED	RRLOAD	1	00:31:05	00:31:10	00:00:20	8,510	68,930	3766	0.14		
10 TAPES MOUNTED		2	00:15:34	01:20:00	00:00:34	25,678	159,265	2644	0.28		
11 TAPES OR MORE	\$RXQUMON	2	13:44:31	25:44:33	00:01:22	0	0	0	0.28		
11 TAPES OR MORE	ASM2EXPA	1	14:51:36	14:51:37	00:09:03	247,500	1,263,790	2781	0.14		

ERXT0042/EZXT0042: Utilization Summary by Job

This report provides a summarization of the computer resources used by each job. It quickly identifies those jobs that use the largest amount of resources that may need to be examined.

2/28/yy														UTILIZATION SUMMARY BY JOB				PAGE	
JOB NAME	TOT JOBS	TOT SESS	SERV UNIT	SERV RATE	ALLOC TIME-AVG	ACTIVE TIME-AVG	CPU TIME-AVG	CPU TIME	DISK I/O	TAPE I/O	LINES PRNTD	CORE USED	CPU PAGE	CPU NDX					
ARR058IB	14	0	0	0	00:00:00	00:00:00	00:00:00	00:00:00	0	0	0	0	0	0					
ARTJ002	4	0	6393	1011	00:00:00	00:00:01	00:00:00	00:00:00	8	0	0	64	0	10					
ASMBLURT	7	0	121775	1647	00:00:13	00:00:10	00:00:00	00:00:03	1485	0	0	1032	0	3					
ASM2IBK9	1	0	20744868	1570	00:00:01	03:40:05	00:02:45	00:02:45	42837	46660	0	4144	0	5					
ASM2IB20	1	0	4999819	1292	00:00:02	01:04:28	00:00:43	00:00:43	56051	11551	0	3676	0	15					
ASM2UK1	1	0	530199	1227	00:07:17	00:07:11	00:00:10	00:00:10	1536	0	0	1280	0	3					
AUFCH01A	12	0	4998844	3419	00:00:33	00:02:01	00:00:03	00:00:45	34390	5293	0	21036	0	8					
AUFCH01J	11	0	5859181	1603	00:00:12	00:05:32	00:00:04	00:00:51	36387	1979	0	21020	0	7					
AUFCH011	1	0	1966846	2980	00:00:11	00:10:59	00:00:16	00:00:16	12159	0	0	19064	0	4					
AVENI01	0	1	115683	3021	00:00:00	00:00:38	00:00:02	00:00:02	120	0	0	2608	21	2					
AVEPA01	0	1	82117	4574	00:00:00	00:00:17	00:00:01	00:00:01	11	0	0	984	4	1					
AYLJE01	0	4	289903	3505	00:00:00	00:00:20	00:00:01	00:00:07	4	0	0	212	0	1					
A01ICTCC	2	0	15367958	89	00:04:22	23:45:27	00:01:45	00:03:31	23500	0	0	8924	2	12					
BACKUP1	3	0	929864	1157	00:00:00	00:04:27	00:00:03	00:00:09	9755	6670	0	2360	0	13					
BACLA03	0	1	91992	2802	00:00:00	00:00:32	00:00:02	00:00:02	109	0	0	2252	23	2					
BAKPA02	0	2	348174	3345	00:00:00	00:00:52	00:00:03	00:00:06	579	0	0	2384	11	3					
BAREC1C1	8	0	11847371	61	00:00:05	06:42:35	00:00:15	00:02:01	32601	0	0	16172	57	11					
BARER03	0	1	4780474	4947	00:00:00	00:16:06	00:00:53	00:00:53	4275	0	0	3144	7	5					
BAREU01	0	1	764521	3084	00:00:00	00:04:07	00:00:10	00:00:10	2279	0	0	4020	5	5					
BAREU01A	6	0	44777	612	00:00:02	00:00:12	00:00:00	00:00:01	3417	0	0	1144	0	20					
BAREU01X	6	0	5096812	6115	00:02:07	00:02:18	00:00:07	00:00:47	21401	0	0	4112	4	3					
BARGL02	0	2	162910	3229	00:00:00	00:00:25	00:00:01	00:00:03	26	0	0	988	2	1					
BARJ007	0	1	255286	4012	00:00:00	00:01:03	00:00:03	00:00:03	282	0	0	2720	21	4					
BATCHJCL	19	0	120916	1511	00:00:00	00:00:04	00:00:00	00:00:02	2047	0	0	472	0	7					
BATDE01	0	1	72943	4915	00:00:00	00:00:14	00:00:01	00:00:01	1	0	0	404	0	1					
BATFC01	0	1	445040	2686	00:00:00	00:02:45	00:00:07	00:00:07	2376	0	0	2888	10	5					
BATTR01	2	0	3346	1296	00:00:00	00:00:01	00:00:00	00:00:00	4	0	0	64	0	20					
BAXTH01	0	2	1696128	2434	00:00:05	00:05:48	00:00:11	00:00:22	17510	0	0	3644	11	7					
BAXTH01A	14	0	189193	2385	00:00:05	00:00:05	00:00:00	00:00:03	2390	0	0	2056	0	6					
BAXTH01P	3	0	13174	2504	00:00:00	00:00:01	00:00:00	00:00:00	217	0	0	84	0	8					
BEAPETP	1	0	1093	18	00:00:00	00:01:00	00:00:00	00:00:00	0	7	0	72	0	0					
BEAPE01	0	1	367413	2293	00:00:00	00:02:40	00:00:05	00:00:05	978	0	0	2696	19	7					
BEAPE01C	3	0	2940	7	00:00:00	00:02:10	00:00:00	00:00:00	0	1	0	904	0	0					
BEAPE01D	5	0	21503	86	00:00:57	00:00:49	00:00:00	00:00:00	42	167	0	1144	0	5					
BEAPE01T	1	0	1349	15	00:00:00	00:01:25	00:00:00	00:00:00	0	10	0	72	0	0					
BEARA01	0	2	140156	2422	00:07:29	00:00:28	00:00:01	00:00:02	86	0	0	2036	0	3					
BEHMA01	0	1	2182750	3479	00:00:00	00:10:27	00:00:29	00:00:29	3271	0	0	3340	14	5					
BEHMA01C	1	0	4470	1354	00:00:03	00:00:03	00:00:00	00:00:00	59	0	0	688	0	11					
BEHMA01E	2	0	302475	743	00:03:23	00:03:23	00:00:01	00:00:03	16847	0	0	640	0	25					
BEHMA01G	1	0	420654	2812	00:02:36	00:02:29	00:00:04	00:00:04	3754	919	0	1916	0	6					
BEHMA01V	1	0	7947	538	00:00:16	00:00:14	00:00:00	00:00:00	0	0	0	660	0	15					
BEHMA01X	1	0	2897	2434	00:00:01	00:00:01	00:00:00	00:00:00	19	0	0	656	0	14					
BEHMA013	2	0	3262	2013	00:00:00	00:00:00	00:00:00	00:00:00	0	0	0	632	0	14					
BELADMN	0	1	73927	3123	00:00:00	00:00:23	00:00:01	00:00:01	1	0	0	212	0	1					
BELJE01	0	1	958949	2223	00:00:00	00:07:11	00:00:12	00:00:12	7082	0	0	2364	33	8					
BELJE01B	17	0	2406567	4587	00:00:01	00:00:30	00:00:02	00:00:37	4140	0	0	1016	0	1					
BELJE01G	1	0	1008	709	00:00:00	00:00:01	00:00:00	00:00:00	4	0	0	104	0	0					
BELJE01I	1	0	16527	300	00:00:54	00:00:54	00:00:00	00:00:00	10310	0	0	24	0	23					
.					
.					
.					
ZIEPA02X	1	0	21764	1723	00:00:17	00:00:12	00:00:00	00pp0:00	131	0	0	608	0	2					
ZIEPA02Y	1	0	15344	2143	00:00:09	00:00:07	00:00:00	00:00:00	141	0	0	604	0	3					
ZIEPE01	1	0	14746	983	00:00:00	00:00:15	00:00:00	00:00:00	2	0	0	56	0	20					
	3216	728	457763371	177	00:01:53	00:10:55	00:00:07	08:40:39	8672854	1069069	0	135144	3	4					

ERXT0043/EZXT0043: Utilization Summary by Program

This report provides a summary of the computer resources used by each program. Applications programmers can use the report to monitor programs, estimate resource usage, and gain experience in understanding the relationship between program design and resource utilization.

02/28/yy													
UTILIZATION SUMMARY BY PROGRAM													
JOBNAME	NBR	NBR	SERVICE	SERV	ALLOCATE	ACTIVE	CPU	CPU	DISK	TAPE	CORE	CPU	CPU
	JOBS	SESS	UNITS	RATE	TIME-AVG	TIME-AVG	TIME-AVG	TIME	I/O	I/O	USED	PAGE	INDX
\$ASMBMON	26	0	3243195	2914	00:00:08	00:00:42	00:00:02	00:00:53	5703	0	1272	0	2
\$ASMLKED	1	0	2115080	683	00:00:04	00:51:34	00:00:46	00:00:46	50159	0	3080	0	8
\$CCFB100	3	0	3743	1473	00:00:00	00:00:00	00:00:00	00:00:00	67	0	380	0	0
\$CCFB108	3	0	1019	7278	00:00:00	00:00:00	00:00:00	00:00:00	4	0	32	0	0
\$COPYTP	3	0	0	0	00:00:00	00:00:00	00:00:00	00:00:00	0	0	0	0	0
\$SDASMNT	5	0	25952089	1516	00:00:02	00:57:03	00:00:42	00:03:33	99045	58211	4144	0	7
\$DEFRAG	3	0	418835	801	00:00:00	00:02:54	00:00:00	00:00:02	881	959	4100	0	42
\$FORMAT	3	0	15739	288	00:00:02	00:00:18	00:00:00	00:00:00	10307	0	24	0	24
\$SGDMON	1	0	14926	660	00:00:00	00:00:22	00:00:00	00:00:00	507	0	108	0	10
\$MDLINIT	1	0	788	2188	00:00:01	00:00:00	00:00:00	00:00:00	3	0	20	0	0
ABEND0C1	1	0	53412	2760	00:00:00	00:00:19	00:00:01	00:00:01	731	0	32	1	3
ACCUCHEK	3	0	44019	387	00:00:01	00:00:37	00:00:00	00:00:01	257	0	220	2	21
ACTIVE	3	0	2506	2342	00:00:00	00:00:00	00:00:00	00:00:00	12	0	24	0	0
ADPACOPY	20	0	504154	905	00:00:00	00:00:27	00:00:00	00:00:10	29508	0	136	0	16
ADPACTLC	35	0	87841	1521	00:00:01	00:00:01	00:00:00	00:00:02	1993	0	328	0	9
ADPCCARD	9	0	27647	3396	00:00:00	00:00:00	00:00:00	00:00:00	176	0	104	0	0
ADPCMACP	10	0	39486	567	00:00:00	00:00:06	00:00:00	00:00:00	6414	0	140	0	19
ADPCPVCC	30	0	228272	2372	00:00:00	00:00:03	00:00:00	00:00:03	1708	0	2120	0	6
ADPCSTRC	7	0	2502	1232	00:00:00	00:00:00	00:00:00	00:00:00	8	0	24	0	0
ADPCXIST	20	0	91266	2509	00:00:01	00:00:01	00:00:00	00:00:01	1155	0	548	0	4
ADPPSTRP	10	0	57576	3303	00:00:00	00:00:01	00:00:00	00:00:01	604	0	2056	0	5
.
.
.
TF000	1	0	8800	393	00:00:11	00:00:22	00:00:00	00:00:00	90	0	380	52	11
TLMSRMUP	4	0	84341	2298	00:00:00	00:00:09	00:00:00	00:00:01	147	0	256	3	2
TLMSRPTS	6	0	2521273	300	00:00:17	00:23:20	00:00:11	00:01:11	392584	0	4456	0	20
TONI	2	0	3802	1033	00:00:03	00:00:01	00:00:00	00:00:00	23	0	64	0	11
TR008	1	0	188586	98	00:00:07	00:31:45	00:00:05	00:00:05	303	0	4480	0	13
TR022	1	0	478399	159	00:00:08	00:49:50	00:00:14	00:00:14	163	0	4480	1	14
TR026	1	0	145763	794	00:00:10	00:03:03	00:00:03	00:00:03	220	0	4464	0	13
UCANDU	4	0	22182	1202	00:00:00	00:00:04	00:00:00	00:00:00	236	0	148	0	6
UCBBATCH	1	0	1620	5400	00:00:01	00:00:00	00:00:00	00:00:00	16	0	68	40	0
UCCTSODA	2	0	2195	4221	00:00:00	00:00:00	00:00:00	00:00:00	9	0	604	0	0
UTL120	4	0	2799	1646	00:00:00	00:00:00	00:00:00	00:00:00	8	0	28	0	0
WIPEPDS	1	0	26956	1622	00:00:00	00:00:16	00:00:00	00:00:00	1466	0	196	0	14
WIZARD	12	0	1230682	2466	00:00:02	00:00:41	00:00:01	00:00:23	12177	0	4528	0	3
W00806	3	0	0	0	00:00:00	00:00:00	00:00:00	00:00:00	0	0	0	0	0
WTOR	12	0	1149	174	00:00:00	00:00:00	00:00:00	00:00:00	4	0	20	0	0
XBATADDG	1	0	1694	1026	00:00:00	00:00:01	00:00:00	00:00:00	16	0	60	0	0
XCFGMRGE	1	0	6410	621	00:00:00	00:00:10	00:00:00	00:00:00	31	0	72	0	5
XDISTRIB	1	0	1407	773	00:00:00	00:00:01	00:00:00	00:00:00	21	0	60	0	0
XTD1MAIN	1	0	0	0	00:00:00	00:00:00	00:00:00	00:00:00	0	0	0	0	0
ZCFGMRGE	1	0	2947	110	00:00:00	00:00:26	00:00:00	00:00:00	2	0	80	0	0
GRAND TOTAL	8448	728	460223092	177	00:00:02	00:04:42	00:00:03	08:39:46	8765620	1069697	137188	3	4

ERXT0045/EZXT0045: Abnormal Terminations by Program Name

This report enables management to identify those programs that terminate abnormally, the frequency with which they do so, and the cause of the termination. Using this report you can examine programs with frequent abnormal terminations and take corrective measures.

02/28/yy		ABNORMAL TERMINATIONS BY PROGRAMNAME							PAGE 1	
PROGRAM NAME	JOB NAME	COMP CODE	STEP NBR	RUN DATE	START TIME	USER INFO	ELAPSED TIME	CPU TIME		
\$ASMBMON	BELJE01B	043E	1	yy/11/10	10:26:42	12100000	00:00:17	00:00:01		
\$ASMBMON	MURTO01H	4001	1	yy/11/10	13:08:00	40100000	00:01:12	00:00:04		
			2				00:01:29	00:00:06		
\$CCFB108	BXCCFW	0500	10	yy/11/10	15:05:16	40100000DU01	00:00:00	00:00:00		
			1				00:00:00	00:00:00		
\$DASDMNT	MOOWBDM1	00C1	1	yy/11/10	13:17:39	12100000	00:00:21	00:00:02		
\$DASDMNT	MOOW6741	00C1	1	yy/11/10	13:21:50	12100000	00:00:22	00:00:02		
			2				00:00:44	00:00:04		
ABEND0C1	MOOW0\$AI	00C1	1	yy/11/10	13:42:10	40100000W.MOORE	00:00:20	00:00:01		
			1				00:00:20	00:00:01		
ADPCCARD	MOSJ001R	0013	4	yy/11/10	15:37:48	40500000J.MOSHERWING	00:00:01	00:00:00		
			1				00:00:01	00:00:00		
AMASPZAP	OFLDE01Z	0013	19	yy/11/10	12:16:21	40100000	00:00:00	00:00:00		
AMASPZAP	SUPMAN1	0913	1	yy/11/10	13:00:52	44500000	00:00:00	00:00:00		
AMASPZAP	SUPMAN1	0913	1	yy/11/10	13:54:35	44500000	00:00:01	00:00:00		
AMASPZAP	SUPMAN1	0913	1	yy/11/10	13:00:15	44500000	00:00:01	00:00:00		
AMASPZAP	SUPMAN1	0913	1	yy/11/10	13:03:52	44500000	00:00:01	00:00:00		
AMASPZAP	WANHUA1Z	0913	1	yy/11/10	12:12:57	40000000	00:00:00	00:00:00		
			6				00:00:05	00:00:00		
APSPPIEP	FSS26	0222	1	yy/11/07	00:13:29		86:01:37	00:00:43		
APSPPIEP	FSS35	0222	1	yy/11/07	00:13:31		87:24:11	00:00:33		
			2				173:25:48	00:01:16		
ARBATCH	IVALIDCAR	00C7	1	yy/11/10	15:57:32	40100000	00:00:20	00:00:01		
ARBATCH	IVALIDCAR	00C7	1	yy/11/10	15:51:26	40100000	00:00:24	00:00:01		
ARBATCH	IVALIDCAR	00C7	1	yy/11/10	14:59:51	40100000	00:00:45	00:00:01		
			3				00:01:30	00:00:05		

ERXT0050/EZXT0050: Printer Device Utilization By Day

This report summarizes the usage of each printer by day. It can be used as a profile for workload and project changes.

2/25/yy		P R I N T E R D E V I C E U T I L I Z A T I O N					PAGE
		B Y D A Y					1
RDR DATE	OUTPUT DEVICE	SPCL PAGES PRINTED	SPCL LINES PRINTED	STD LINES PRINTED	STD PAGES PRINTED	WRITER DURATION	
	R333.PR1	0	0	254	5	00:01:42	
yy/01/02		0	0	254	5	00:01:42	
	R333.PR1	0	0	254	5	00:01:43	
yy/01/03		0	0	254	5	00:01:43	
	R278.PR1	0	0	302	9	00:01:06	
	R333.PR1	0	0	254	5	00:01:43	
yy/01/04		0	0	556	14	00:02:49	
	A35P7700	697	31,659	0	0	01:22:15	
	R137.PR1	0	0	1,049	24	06:18:16	
	R333.PR1	0	0	254	5	00:01:36	
yy/01/05		697	31,659	1,303	29	07:42:08	
.	
.	
.	
yy/01/08	L11P2000	1,126	40,631	0	0	06:24:02	
	PRT22	13,122	658,351	0	0	08:11:28	
	PRT27	7,319	491,463	0	0	06:40:36	
	R21.PR1	8	248	0	0	00:03:20	
	R214.PR1	40	1,943	289	9	00:22:14	
	R22.PR1	46	2,543	1,304	28	00:32:31	
	R234.PR1	0	0	14,339	283	01:55:51	
	R240.PR1	0	0	2,054	89	00:12:03	
	R26.PR1	0	0	431	12	00:02:09	
	R271.PR1	0	0	472	8	00:00:56	
	R278.PR1	0	0	304	7	00:01:08	
	R628.PR1	0	0	11,039	187	00:51:54	
	R69.PR1	0	0	2,750	59	00:28:12	
yy/01/11		51,420	3,260,455	32,982	682	100:49:59	
yy/01/11		124,157	8,143,764	127,774	3,756	342:05:24	

ERXT0051/EZXT0051: Special Forms Utilization

This report summarizes the use of special forms (print) by month. It can be used to predict the quantity of special forms that must be on hand.

2/28/yy		SPECIAL FORMS UTILIZATION			PAGE 1
MONTH	FORM NUMBER	SPECIAL LINES PRINTED	SPECIAL-PAGE PRINTED	WRITER DURATION	
JANUARY	98	5992	168	00:00:03	
		7937889	120900	314:02:55	
	B2UP	2931	22	00:02:46	
	DPLX	397	9	00:01:01	
	LEGAL	16002	269	00:21:09	
	L1G111	835	12	00:01:03	
	NTNX	1795	25	00:03:45	
	ORD2	1287	28	00:16:40	
	PKL2	5148	100	00:37:48	
	STANDARD	113171	1666	03:21:46	
	010110	1516	64	00:16:07	
	010111	19959	717	01:14:16	
	2UP	2007	20	00:01:33	
	3NFX	34835	157	00:08:27	
JANUARY	98	8143764	124157	320:29:27	
JANUARY		8143764	124157	320:29:27	
GRAND TOTAL		8143764	124157	320:29:27	

ERXT0106/EZXT0106: Extended Sysout Report

This report lists all sysout processing by form and jobname.

02/28/yy		EXTENDED SYSOUT REPORT						PAGE	1
FORM NUMBER	JOB NAME	TASK ID	RECDATE	RECTIME	SUB SYS	FEET USED	NUMBER LOG RECS	PRINTDEV NAME	
-----	MRSFMS	-----	yy/05/28	13:12:39	2	0	1,632	??	
-----	RSCS1945	-----	yy/05/28	11:25:32	2	0	678	??	
-----	RSCS2662	-----	yy/05/28	12:49:54	2	0	505	??	
-----	RSCS2705	-----	yy/05/28	12:52:05	2	0	1,632	??	
-----	RSCS2768	-----	yy/05/28	12:53:44	2	0	82	??	
-----	RSCS2918	-----	yy/05/28	13:24:29	2	0	912	??	
-----						0	5,441		
.	
.	
STANDARD	ALEDA01	JOB06501	yy/01/14	08:19:31	7	6	211	PRT31	
STANDARD	BROCL01	JOB05461	yy/01/13	15:00:42	2	0	2,399	??	
STANDARD	BURMA03	JOB00004	yy/01/14	09:25:47	7	13	1,340	PRT21	
STANDARD	BURMA03	JOB04068	yy/01/14	11:01:35	7	6	374	PRT21	
STANDARD	BURMA03	JOB03321	yy/01/14	11:02:02	7	10	986	PRT21	
STANDARD	BURMA03	JOB05057	yy/01/14	11:25:04	7	3	25	PRT21	
STANDARD	BURMA03	JOB04796	yy/01/14	11:25:04	7	3	30	PRT21	
STANDARD	CADSDISP	JOB04300	yy/01/13	14:14:15	7	0	597	PRT14	
STANDARD	CADSDISP	JOB04496	yy/01/13	14:14:37	7	0	597	PRT14	
STANDARD	CADSDISP	JOB07454	yy/01/14	10:47:10	7	0	615	PRT14	
STANDARD	COLJA03	JOB07556	yy/01/13	12:55:29	7	0	90	PRT13	
STANDARD	COSRI01	JOB05806	yy/01/14	10:27:37	7	0	34	PRT13	
STANDARD	DAVFE01	JOB06172	yy/01/14	11:51:07	7	15	1,534	PRT20	
STANDARD	DIKJE01	JOB00325	yy/01/13	12:53:45	7	0	27	PRT13	
STANDARD	DISPPRD3	JOB00774	yy/01/13	12:33:58	2	0	0	??	
STANDARD	DISPPRD3	JOB00774	yy/01/13	12:37:14	2	0	0	??	
STANDARD	DISPPRO	JOB04945	yy/01/13	13:51:54	7	0	1,368	PRT16	
STANDARD	DISPPRO	JOB03707	yy/01/14	11:38:30	7	0	1,026	PRT16	
STANDARD	DLDLV	JOB03576	yy/01/13	14:58:50	7	19	2,284	PRT21	
STANDARD	DORFR01	JOB06055	yy/01/13	12:54:22	7	0	47	PRT13	
STANDARD	DOWTI01	JOB04822	yy/05/11	00:21:10	7	4	38	PRT22	
STANDARD	E313	JOB05862	yy/01/13	12:55:55	7	0	675	PRT13	
STANDARD	E313	JOB03950	yy/01/14	10:30:01	7	0	600	PRT13	
STANDARD	GARAM01	JOB03041	yy/01/14	10:37:05	7	3	19	PRT20	
STANDARD	GARAM01	JOB03144	yy/01/14	11:00:06	7	3	19	PRT20	
STANDARD	GARAM01	JOB03192	yy/01/14	11:00:14	7	3	19	PRT20	
STANDARD	HAZR002	JOB06357	yy/01/13	12:16:37	7	3	6	PRT21	
STANDARD	KINPA03	JOB06587	yy/01/13	12:25:57	7	31	3,501	PRT20	
STANDARD	LAMJ002	JOB07700	yy/01/14	09:13:32	7	10	1,181	PRT20	
STANDARD	LAMJ002	JOB00492	yy/01/14	09:13:42	7	13	1,746	PRT20	
STANDARD	LONSC01	JOB05043	yy/01/14	10:27:53	7	0	323	PRT13	
STANDARD	LONSC01	JOB05056	yy/01/14	10:28:19	7	0	323	PRT13	
.	
.	
.	
6TIS	I0CNMON	-----	yy/03/16	01:40:07	2	0	8,496	??	
6TIS	I0HLSMON	-----	yy/03/16	01:33:07	2	0	401	??	
6TIS	I0TUSMON	-----	yy/03/16	02:32:35	2	0	11,839	??	
6TIS	RFCISNMW	-----	yy/03/16	01:37:13	2	0	826	??	
6TIS						0	21,562		
GRAND TOTAL						55,322	24,665,414		

ERXT0330/EZXT0330: Dependent Enclave CPU Usage

This report shows detailed records of CPU use in dependent enclaves.

1 9/27/05		DEPENDENT ENCLAVE CPU USAGE									
REPORT ID: EZXT0330											
STOP DATE	STOP TIME	TIME ON IFA	ENCLAVE TIME ON IFA	DEP ENCLAVE TIME ON IFA	TIME IFA ON CP	ENCLAVE TIME IFA ON CP	DEP ENCLAVE TIME IFA ON CP	ENQ CPU TIME	PROMOTE CPU TIME		
005/08/23	06:24:23	.00	.00	.00	.00	.00	.00	.00	.00	.000768	
05/08/23	06:24:23	.00	.00	.00	.00	.00	.00	.00	.00	.000768	
05/08/23	06:24:31	.00	.00	.00	.00	.00	.00	.00	.00	.000768	
05/08/25	15:00:00	.63	.00	.00	.40	.00	.00	.00	.00	.000000	
05/08/25	16:00:00	.05	.00	.00	.24	.00	.00	.00	.00	.000000	
05/08/25	16:07:40	.00	.00	.00	.00	.00	.00	.00	.00	.000640	
05/08/25	16:07:40	.00	.00	.00	.00	.00	.00	.00	.00	.000640	
05/08/25	16:25:50	.00	.00	.00	.00	.00	.00	.00	.00	.000128	
05/08/25	16:25:50	.00	.00	.00	.00	.00	.00	.00	.00	.000128	
05/08/25	16:26:07	.00	.00	.00	.00	.00	.00	.00	.00	.001024	
05/08/25	16:26:07	.00	.00	.00	.00	.00	.00	.00	.00	.001024	
05/08/25	16:26:09	.00	.00	.00	.00	.00	.00	.00	.00	.000128	
05/08/25	16:26:09	.00	.00	.00	.00	.00	.00	.00	.00	.001152	
05/08/25	16:26:09	.00	.00	.00	.00	.00	.00	.00	.00	.001152	
05/08/25	16:26:09	.00	.00	.00	.00	.00	.00	.00	.00	.000128	
05/08/25	16:26:11	.00	.00	.00	.00	.00	.00	.00	.00	.000512	
05/08/25	16:26:11	.00	.00	.00	.00	.00	.00	.00	.00	.000512	
05/08/25	16:26:11	.00	.00	.00	.00	.00	.00	.00	.00	.001152	
05/08/25	16:32:58	.07	.00	.00	.18	.00	.00	.00	.00	.000000	
05/08/25	16:32:58	.75	.00	.00	.82	.00	.00	.00	.00	.000000	
05/08/25	16:32:59	.75	.00	.00	.82	.00	.00	.00	.00	.000000	
05/08/25	17:00:00	.00	.00	.00	.00	.00	.00	.00	.00	.000256	
05/08/25	17:00:00	.00	.00	.00	.00	.00	.00	.00	.00	.001664	
05/08/25	17:00:00	.41	.00	.00	.47	.00	.00	.00	.00	.000000	
05/08/25	17:23:09	.09	.00	.00	.21	.00	.00	.00	.00	.000000	
05/08/25	17:23:09	.50	.00	.00	.68	.00	.00	.00	.00	.000000	
05/08/25	17:23:09	.50	.00	.00	.68	.00	.00	.00	.00	.000000	
05/08/26	09:30:57	.00	.00	.00	.00	.00	.00	.00	.00	.001664	
05/08/26	09:30:57	.00	.00	.00	.00	.00	.00	.00	.00	.001664	
05/08/26	09:31:41	.00	.00	.00	.00	.00	.00	.00	.00	.000256	
05/08/26	09:31:41	.00	.00	.00	.00	.00	.00	.00	.00	.000256	
05/08/26	09:59:10	.43	.00	.00	.74	.00	.00	.00	.00	.000000	
05/08/26	09:59:10	.43	.00	.00	.74	.00	.00	.00	.00	.000000	
05/08/26	09:59:11	.43	.00	.00	.74	.00	.00	.00	.00	.000000	
05/08/26	11:53:06	.00	.00	.00	.00	.00	.00	.00	.00	.000128	
05/08/26	11:53:06	.00	.00	.00	.00	.00	.00	.00	.00	.000128	
05/08/26	11:53:08	.00	.00	.00	.00	.00	.00	.00	.00	.000256	
05/08/26	11:53:08	.00	.00	.00	.00	.00	.00	.00	.00	.000256	
05/08/26	11:53:09	.00	.00	.00	.00	.00	.00	.00	.00	.000256	
05/08/26	11:53:09	.00	.00	.00	.00	.00	.00	.00	.00	.000256	
05/08/26	11:53:10	.00	.00	.00	.00	.00	.00	.00	.00	.000896	
05/08/26	11:53:10	.00	.00	.00	.00	.00	.00	.00	.00	.000896	
05/08/26	11:53:11	.00	.00	.00	.00	.00	.00	.00	.00	.000768	
05/08/26	11:53:11	.00	.00	.00	.00	.00	.00	.00	.00	.000768	
05/08/26	11:53:12	.00	.00	.00	.00	.00	.00	.00	.00	.000896	
05/08/26	11:53:12	.00	.00	.00	.00	.00	.00	.00	.00	.000896	
05/08/26	11:53:15	.00	.00	.00	.00	.00	.00	.00	.00	.000128	
05/08/26	11:53:15	.00	.00	.00	.00	.00	.00	.00	.00	.001152	
05/08/26	11:53:15	.00	.00	.00	.00	.00	.00	.00	.00	.000128	
05/08/26	11:53:15	.00	.00	.00	.00	.00	.00	.00	.00	.001152	
05/08/26	11:53:17	.00	.00	.00	.00	.00	.00	.00	.00	.000256	
05/08/26	11:53:17	.00	.00	.00	.00	.00	.00	.00	.00	.000256	

ERXT0342/EZXT0342: IP Printway Usage Report

This report shows the use of IP printway, broken down by printer queue and user ID. Every record is shown on two lines, where the second line is the IP address or URI of the target printer.

111/04/07		IP PRINTWAY USAGE REPORT					
		SYSTEM ID:	CA11	DATE:	07/03/31		
PRINT QUEUE	USER ID	START TIME	JOB NAME	TASK ID	BYTES SENT	EST. PAGES	STATUS
0laserprn http://ca-printer.ca.com:621	userid2	09:42:24	PRINTME2	JOB06151	14336	0	SUCCESS
laserprn IP: 192.168.001.004	userid2	10:02:52	PRINTME3	JOB01214	16384	3	SUCCESS
laserprn mailto:samja04@devel.ca.com	userid2	10:23:21	PRINTME3	JOB06152	18432	0	SUCCESS
laserprn	userid2				49152	3	
laserprn IP: 192.168.001.005	userid1	10:43:50	PRINTME3	JOB01215	20480	4	SUCCESS
laserprn vtam://P003	userid1	11:04:19	PRINTME3	JOB06153	22528	0	SUCCESS
laserprn	userid1				43008	4	
laserprn					92160	7	
prettypr IP: 192.168.001.003	userid2	09:21:55	PRINTME1	JOB01213	12288	2	SUCCESS
prettypr	userid2				12288	2	
prettypr IP: 192.168.001.001	userid1	08:00:00	PRINTME1	JOB01211	4096	1	ATTEMPT
prettypr lpr://ca-printer.ca.com/RAW	userid1	08:20:28	PRINTME2	JOB06149	6144	0	ATTEMPT
prettypr IP: 192.168.001.002	userid1	08:40:57	PRINTME1	JOB01212	8192	1	SUCCESS
prettypr direct_sockets://ca-printer.ca.com:9101	userid1	09:01:26	PRINTME2	JOB06150	10240	0	SUCCESS
prettypr	userid1				28672	2	
prettypr					40960	4	
					133120	11	

ASTER is imbedded in this chapter file.

.cm. APDEX BM

Chapter 29: VTS Reports

This section contains the following topics:

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[ERXT0315/EZXT0315: Tape Library Volume Pool - Hourly Active Data](#) (see page 279)

[ERXT0316/EZXT0316: Virtual Tape Server Stats Detail](#) (see page 280)

[ERXT0317/EZXT0317: Virtual Tape Server Stats Summary](#) (see page 281)

[ERXT0318/EZXT0318: Tape Library Volume Pool - Hourly Volume Pool Media Statistics](#) (see page 282)

[ERXT0350/EZXT0350: Virtual Tape Server - Hourly Active Data](#) (see page 283)

[ERXT0351/EZXT0351: Virtual Tape Server - Hourly Capacity Data](#) (see page 284)

[ERXT0352/EZXT0352: Virtual Tape Server - TVC Activity Report](#) (see page 285)

[ERXT0353/EZXT0353: Virtual Tape Server - TVC Activity Summary Report](#) (see page 286)

ERXT0314/EZXT0314: Tape Library Volume Pool - Hourly Poolset Statistics

This report summarizes the VTS2 EXTDATA type by hour. It shows the number of scratch volumes of identified type assigned to the common volume pool of the Virtual Tape Server. It includes the date and hour of the last reconciliation process.

Note: This report is available only if Advanced Policy Management is enabled and SMF 94 subtype 2 records are collected.

22/11/07		TAPE LIBRARY VOLUME POOL - HOURLY POOLSET STATISTICS								PAGE 1	
REPORT ID: ERXT0314		SYSTEM ID		FDCT		LIBRARY		0B2729			
		REC DATE		09/23/yyyy							
HOUR INDEX	LAST RECONCILE DATE/TIME	MAX POOLS	MEDIA TYPE 0	#SCRATCH VOLS 0	MEDIA TYPE 1	#SCRATCH VOLS 1	MEDIA TYPE 2	#SCRATCH VOLS 2	MEDIA TYPE 3	#SCRATCH VOLS 3	
23	13 09/22/yyyy	32	3590J	0	3590K	0	3592JA	80	3592JJ	0	
0	13 09/22/yyyy	32	3590J	0	3590K	0	3592JA	80	3592JJ	0	
1	13 09/22/yyyy	32	3590J	0	3590K	0	3592JA	80	3592JJ	0	
2	13 09/22/yyyy	32	3590J	0	3590K	0	3592JA	79	3592JJ	0	
3	02 09/23/yyyy	32	3590J	0	3590K	0	3592JA	77	3592JJ	0	
4	02 09/23/yyyy	32	3590J	0	3590K	0	3592JA	78	3592JJ	0	
5	02 09/23/yyyy	32	3590J	0	3590K	0	3592JA	80	3592JJ	0	
6	02 09/23/yyyy	32	3590J	0	3590K	0	3592JA	78	3592JJ	0	
7	02 09/23/yyyy	32	3590J	0	3590K	0	3592JA	78	3592JJ	0	
8	02 09/23/yyyy	32	3590J	0	3590K	0	3592JA	78	3592JJ	0	
9	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	78	3592JJ	0	
10	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	78	3592JJ	0	
11	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	78	3592JJ	0	
12	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	79	3592JJ	0	
13	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	78	3592JJ	0	
14	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	77	3592JJ	0	
15	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	77	3592JJ	0	
16	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	77	3592JJ	0	
17	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	76	3592JJ	0	
18	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	76	3592JJ	0	
19	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	76	3592JJ	0	
20	08 09/23/yyyy	32	3590J	0	3590K	0	3592JA	76	3592JJ	0	
21	20 09/23/yyyy	32	3590J	0	3590K	0	3592JA	76	3592JJ	0	
22	20 09/23/yyyy	32	3590J	0	3590K	0	3592JA	76	3592JJ	0	

END OF REPORT

ERXT0315/EZXT0315: Tape Library Volume Pool - Hourly Active Data

This report shows the number of full private stacked volumes in the volume pool that contain data, by percentage of active data remaining on the volumes. It can be used to identify the number of tapes that will be freed within a pool if the reclaim threshold is changed.

Note: This report is available only if Advanced Policy Management is enabled and SMF 94 subtype 2 records are collected.

22/11/07		TAPE LIBRARY VOLUME POOL - HOURLY ACTIVE DATA																		PAGE 1	
REPORT ID: ERXT0315		SYSTEM ID									FDCT										
		LIBRARY									0B2729										
		POOL									1										
		RECL POOL									1										
		RECL THRS									35										
		REC DATE									09/23/yyyy										
HOUR INDEX	DATA <=5	DATA <=10	DATA <=15	DATA <=20	DATA <=25	DATA <=30	DATA <=35	DATA <=40	DATA <=45	DATA <=50	DATA <=55	DATA <=60	DATA <=65	DATA <=70	DATA <=75	DATA <=80	DATA <=85	DATA <=90	DATA <=95	DATA <=100	
23	0	0	0	0	0	0	5	264	168	114	82	58	50	37	38	19	22	22	19	33	
0	0	0	0	0	0	0	5	264	168	114	82	58	50	37	38	19	22	22	19	33	
1	0	0	0	0	0	0	5	264	168	114	82	58	50	37	38	19	22	22	19	33	
2	0	0	0	0	0	0	5	264	168	114	82	58	50	37	38	19	22	22	19	34	
3	0	0	0	0	1	2	3	267	166	112	84	59	50	37	38	17	26	23	15	34	
4	2	0	0	0	0	0	3	267	166	112	84	59	50	37	38	17	26	23	15	34	
5	0	0	0	0	0	0	3	267	166	112	84	59	50	37	38	17	26	23	15	34	
6	0	0	0	0	0	0	3	267	166	112	84	59	50	37	38	17	26	23	15	36	
7	0	0	0	0	0	0	3	267	166	112	84	59	50	37	38	17	26	23	15	36	
8	0	0	0	0	0	0	3	267	166	112	84	59	50	37	38	17	26	23	15	36	
9	0	0	0	0	0	0	6	266	167	115	79	61	51	37	37	18	26	21	15	34	
10	0	0	0	1	1	0	4	266	167	115	79	61	51	37	37	18	26	21	15	34	
11	0	0	1	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	35	
12	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	35	
13	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	36	
14	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	37	
15	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	37	
16	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	37	
17	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	38	
18	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	38	
19	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	38	
20	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	38	
21	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	38	
22	0	0	1	0	1	0	4	266	167	114	80	60	51	38	35	19	26	23	14	36	

END OF REPORT

ERXT0316/EZXT0316: Virtual Tape Server Stats Detail

This report gives a detailed analysis of VTS activity by hour, by library.

30/09/yy		VIRTUAL TAPE SERVER STATS DETAIL										PAGE 1	
REPORT ID: ERXT0316		SYSTEM ID		EBOC									
		LIBRARY		000000071424									
		INTVL DATE		02/11/yy									
LIB SEQ NUMBER	RECDATE	HOUR INDEX	TOTAL MTS	AV TM TO MT	TOTAL DEMETS	AV TM TO DEMT	4K BLK WR VIRT VOLS	4K BLK RD VIRT VOLS	TOTAL EJECTS	TOTAL AUDITS	INSERT STORES		
000000071424	02/11/yy	0	13	62	14	18	32,788,223	2,034,176	0	0	0		
000000071424	02/11/yy	4	14	71	15	20	31,096,467	13,518,332	0	0	0		
000000071424	02/11/yy	6	15	64	19	23	29,129,764	20,761,051	0	0	0		
000000071424	02/11/yy	7	17	70	15	20	29,831,822	19,418,390	0	0	0		
000000071424	02/11/yy	8	17	65	17	21	27,226,280	21,842,977	0	0	0		
000000071424	02/11/yy	9	21	61	20	19	28,422,070	17,885,938	0	0	0		
000000071424	02/11/yy	10	8	55	10	23	29,874,215	11,591,451	0	0	0		
000000071424	02/11/yy	11	22	57	18	18	29,034,397	7,582,953	0	0	0		
000000071424	02/11/yy	12	22	58	23	19	14,803,684	21,507,313	0	0	0		
000000071424	02/11/yy	13	41	68	41	23	18,828,909	25,445,473	0	0	0		
000000071424	02/11/yy	14	25	61	23	20	28,855,850	15,452,161	0	0	0		
000000071424	02/11/yy	15	17	75	21	17	28,705,936	11,848,935	0	0	0		
000000071424	02/11/yy	16	9	58	13	19	29,297,698	8,424,384	0	0	0		
000000071424	02/11/yy	17	17	61	17	25	28,491,580	14,690,041	0	0	0		
000000071424	02/11/yy	18	16	62	15	18	28,260,972	12,728,289	0	0	0		
000000071424	02/11/yy	19	15	67	12	27	31,038,598	7,934,914	0	0	0		
000000071424	02/11/yy	20	22	75	27	30	27,125,334	10,976,170	0	0	0		
000000071424	02/11/yy	21	20	70	16	23	30,990,341	4,767,196	0	0	0		
000000071424	02/11/yy	22	12	63	16	17	29,952,958	4,512,333	0	0	0		
000000071424	02/11/yy	23	18	66	11	19	31,162,074	1,368,737	0	0	0		
000000071424	02/11/yy		361		363		564,917,172	254,291,214	0	0	0		
000000071424			361		363		564,917,172	254,291,214	0	0	0		
			1,278		1,289		814,518,723	277,257,535	0	0	0		
GRAND TOTAL			1,278		1,289		814,518,723	277,257,535	0	0	0		

ERXT0317/EZXT0317: Virtual Tape Server Stats Summary

This report gives a summary analysis of VTS activity by day, by library.

The performance of the mount and demount operations is measured by Apdex. Apdex is a numerical measure of user satisfaction with the performance of enterprise applications that reflects the effectiveness of IT investment. (See <http://www.apdex.org> for a detailed Apdex specification.)

The Apdex index divides user response into three categories:

- those that meet expectation (satisfied_count)
- those that are visibly slow, but tolerable (tolerating_count)
- those that frustrate users (frustrated_count)

The Apdex formula is as follows:

$$APDEX = (satisfied_count + (0.5 * tolerating_count) + (0 * frustrated_count)) / total_samples$$

The values of Apdex vary from 0, where no users are satisfied, to 1, where all users are satisfied.

28/11/07		VIRTUAL TAPE SERVER STATS SUMMARY										PAGE 4		
REPORT ID: ERXT0317		SYSTEM ID			FDCT			LIBRARY					000000B2729	
		START DATE			yy/09/23									
LIB SEQ NUMBER	RECDATE	TOTAL MTS	AV TM TO MT	APDEX MT TM	TOTAL DEMETS	AV TM TO DMT	APDEX DT TM	4K BLK WR VIRT VOLS	4K BLK RD VIRT VOLS	TOTAL EJECTS	INSERT STORES	TOTAL AUDITS	HOUR INTVLS	
000000B2729yy/09/23		439	27.33	0.87	445	7.59	0.98	176,347,287	335,012,250	14	10	0	24	
000000B2729yy/09/24		810	30.24	0.69	804	7.36	1.00	143,191,113	197,273,397	14	0	0	24	
000000B2729yy/09/25		797	27.64	0.89	802	6.54	1.00	194,005,057	177,791,945	14	11	0	24	
000000B2729yy/09/26		741	29.25	0.77	735	7.03	1.00	191,984,145	195,904,860	14	21	0	24	
000000B2729yy/09/27		715	29.16	0.76	721	6.97	1.00	209,950,434	196,662,836	14	0	0	24	
000000B2729yy/09/28		674	28.45	0.81	672	6.97	1.00	183,537,103	160,799,829	15	26	0	24	
000000B2729yy/09/29		817	29.58	0.78	815	7.47	0.99	236,791,898	164,398,262	14	25	0	24	
000000B2729yy/09/30		360	29.43	0.87	369	9.26	0.96	108,652,832	137,946,433	20	11	0	24	
000000B2729		5,353	28.95	0.79	5,363	7.26	0.99	1,444,459,869	1,565,789,812	119	104	0	192	

ERXT0318/EZXT0318: Tape Library Volume Pool - Hourly Volume Pool Media Statistics

This report summarizes the VTS volume pool statistics (VTS2 EXTDATA type) and shows the amount of data contained in the pool, the amount of data written to the pool, and other volume related statistics.

Note: This report is available only if Advanced Policy Management is enabled and SMF 94 subtype 2 records are collected.

22/11/07		TAPE LIBRARY VOLUME POOL - HOURLY VOLUME POOL MEDIA STATS												PAGE 1	
REPORT ID: ERXT0318		SYSTEM ID		FDCT											
		LIBRARY		0B2729											
		POOL		1											
		RECL POOL		1											
		REC DATE		09/23/yyyy											
HR	ACTIVE MB OF DATA	MB WRN	STATC	STATC	BROW	BROW	STATC	STATC	BROW	BROW	RES DATA	RES DATA	FULL VOL	FULLVOL	
INDEX	LOG VOLS	IN POOL	TO POOL	SCRTH0	PRVAT0	SCRTH0	PRVAT0	SCRTH1	PRVAT1	SCRTH1	PRVAT1	AVG AGE	MAX AGE	AVG AGE	MAX AGE
23	418862	141771941	51319	0	0	2	942	0	0	0	0	163	670	163	670
0	419021	141875531	113324	0	0	2	942	0	0	0	0	163	670	163	670
1	419171	141981344	91287	0	0	2	942	0	0	0	0	163	670	163	670
2	419362	142042540	74145	0	0	2	943	0	0	0	0	163	670	162	670
3	417334	141582768	104316	0	0	2	945	0	0	0	0	162	670	162	670
4	417439	141671546	64553	0	0	2	944	0	0	0	0	162	670	162	671
5	417513	141699396	32566	0	0	2	942	0	0	0	0	162	670	163	671
6	417565	141758012	61384	0	0	2	944	0	0	0	0	162	670	162	671
7	417614	141798118	43280	0	0	2	944	0	0	0	0	162	671	162	671
8	417680	141843388	36807	0	0	2	944	0	0	0	0	162	671	162	671
9	415634	141310417	45166	0	0	2	944	0	0	0	0	163	671	162	671
10	415685	141356467	37951	0	0	2	944	0	0	0	0	163	671	163	671
11	415759	141392755	41886	0	0	2	944	0	0	0	0	163	671	162	671
12	415850	141440948	49659	0	0	2	943	0	0	0	0	163	671	162	671
13	415999	141483880	45651	0	0	2	944	0	0	0	0	163	671	162	671
14	416154	141566542	98280	0	0	2	945	0	0	0	0	163	671	162	671
15	416351	141662800	76454	0	0	2	945	0	0	0	0	163	671	162	671
16	416408	141701821	59848	0	0	2	945	0	0	0	0	163	671	162	671
17	416544	141824633	97968	0	0	2	946	0	0	0	0	163	671	162	671
18	416602	141864910	49420	0	0	2	946	0	0	0	0	163	671	162	671
19	416751	141914430	40738	0	0	2	946	0	0	0	0	163	671	162	671
20	416782	141929080	13320	0	0	2	946	0	0	0	0	163	671	162	671
21	416795	141935961	2380	0	0	2	946	0	0	0	0	163	671	162	671
22	415995	141691253	20741	0	0	2	946	0	0	0	0	162	671	162	671

END OF REPORT

ERXT0350/EZXT0350: Virtual Tape Server - Hourly Active Data

This report shows the number of volumes containing the indicated percent of active data. It can be used to identify the number of tapes that will be freed if the reclaim threshold is changed.

Note: If the Advanced Policy Management FC4001 is enabled, the active data distribution by volume pools is available. See the ERXT0315/EZXT0315 report.

22/11/07		VIRTUAL TAPE SERVER - HOURLY ACTIVE DATA																		PAGE	17		
REPORT ID: ERXT0350		SYSTEM ID		FDCT																			
		LIBRARY		0000000B2729																			
		RECL THRS		0																			
		REC DATE		09/23/yyyy																			
HOUR INDEX	DATA <=5	DATA <=10	DATA <=15	DATA <=20	DATA <=25	DATA <=30	DATA <=35	DATA <=40	DATA <=45	DATA <=50	DATA <=55	DATA <=60	DATA <=65	DATA <=70	DATA <=75	DATA <=80	DATA <=85	DATA <=90	DATA <=95	DATA <=100			
23	0	0	0	0	0	0	5	264	168	114	82	58	50	37	38	19	22	22	19	33			
0	0	0	0	0	0	0	5	264	168	114	82	58	50	37	38	19	22	22	19	33			
1	0	0	0	0	0	0	5	264	168	114	82	58	50	37	38	19	22	22	19	33			
2	0	0	0	0	0	0	5	264	168	114	82	58	50	37	38	19	22	22	19	34			
3	0	0	0	0	3	0	3	267	166	112	84	59	50	37	38	17	26	23	15	34			
4	1	0	0	0	0	0	3	267	166	112	84	59	50	37	38	17	26	23	15	34			
5	0	0	0	0	0	0	3	267	166	112	84	59	50	37	38	17	26	23	15	34			
6	0	0	0	0	0	0	3	267	166	112	84	59	50	37	38	17	26	23	15	36			
7	0	0	0	0	0	0	3	267	166	112	84	59	50	37	38	17	26	23	15	36			
8	0	0	0	0	0	0	3	267	166	112	84	59	50	37	38	17	26	23	15	36			
9	0	0	0	0	0	0	6	266	167	115	79	61	51	37	37	18	26	21	15	34			
10	0	0	1	0	1	0	4	266	167	115	79	61	51	37	37	18	26	21	15	34			
11	0	1	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	35			
12	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	35			
13	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	36			
14	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	37			
15	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	37			
16	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	37			
17	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	38			
18	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	38			
19	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	38			
20	0	0	0	0	0	0	4	266	167	115	79	61	51	37	37	18	26	21	15	38			
21	0	0	0	0	0	0	6	266	167	114	80	60	51	38	35	19	26	23	14	36			
22	0	0	1	1	0	0	4	266	167	114	80	60	51	38	35	19	26	23	14	36			

ERXT0351/EZXT0351: Virtual Tape Server - Hourly Capacity Data

This report analyzes and summarizes (in MB) the capacity used and the capacity available of the volumes in the VTS, the number of logical volumes managed by VTS, and the number of scratch and private volumes.

Note: Some values depend on Advanced Policy Management being enabled or disabled. The use of APM is indicated by YES in the header after FC4001.

22/11/07		VIRTUAL TAPE SERVER - HOURLY CAPACITY REPORT										PAGE 17	
REPORT ID: ERXT0351		SYSTEM ID		FDCT		LIBRARY		0000000B2729		TYPE		PRIMARY	
		FC4001		YES		REC DATE		09/23/yyyy					
HR	TOT ACT	TOT MB ON	EST CAPAC	VIRT VOLS	AV MB PER	VIRT VOLS	PHYS DRIV	PHYS DRIV	VIRT	SCR STACK	PVT STACK		
INDEX	LVOLS	ACT LVOL	EMPTY 3590S	COPY COMP	ACT LVOL	CACHED	AVAILABLE	INSTALLED	DEVS	VOL CNT	VOL CNT		
23	418,862	141,771,942	23,616,000	100	0	0	12	12	128	82	942		
0	419,021	141,875,531	23,616,000	170	0	0	12	12	128	82	942		
1	419,171	141,981,344	23,616,000	141	0	0	12	12	128	82	942		
2	419,362	142,042,540	23,328,000	193	0	0	12	12	128	81	943		
3	417,334	141,582,769	22,752,000	118	0	0	12	12	128	79	945		
4	417,439	141,671,547	23,040,000	92	0	0	12	12	128	80	944		
5	417,513	141,699,397	23,616,000	77	0	0	12	12	128	82	942		
6	417,565	141,758,012	23,040,000	47	0	0	12	12	128	80	944		
7	417,614	141,798,118	23,040,000	48	0	0	12	12	128	80	944		
8	417,680	141,843,388	23,040,000	66	0	0	12	12	128	80	944		
9	415,634	141,310,417	23,040,000	60	0	0	12	12	128	80	944		
10	415,685	141,356,467	23,040,000	44	0	0	12	12	128	80	944		
11	415,759	141,392,756	23,040,000	85	0	0	12	12	128	80	944		
12	415,850	141,440,948	23,328,000	85	0	0	12	12	128	81	943		
13	415,999	141,483,881	23,040,000	160	0	0	12	12	128	80	944		
14	416,154	141,566,542	22,752,000	180	0	0	12	12	128	79	945		
15	416,351	141,662,800	22,752,000	161	0	0	12	12	128	79	945		
16	416,408	141,701,822	22,752,000	68	0	0	12	12	128	79	945		
17	416,544	141,824,634	22,464,000	119	0	0	12	12	128	78	946		
18	416,602	141,864,911	22,464,000	110	0	0	12	12	128	78	946		
19	416,751	141,914,430	22,464,000	103	0	0	12	12	128	78	946		
20	416,782	141,929,080	22,464,000	28	0	0	12	12	128	78	946		
21	416,795	141,935,961	22,464,000	3	0	0	12	12	128	78	946		
22	415,995	141,691,253	22,464,000	57	0	0	12	12	128	78	946		

ERXT0352/EZXT0352: Virtual Tape Server - TVC Activity Report

This report summarizes by hour the activity of the TVC (Tape Volume Cache) of the VTS. It shows the maximum and average time in seconds used to complete a mount request on a virtual drive in the last hour. The performance is considered to be satisfactory if the maximum virtual mount time is less than or equal to 300 seconds, and the average mount time is less than or equal to 30 seconds. It also shows the maximum and average time in seconds that a virtual tape was mounted in.

The 6th column shows the percentage of mounts that were not satisfied by the Tape Volume Cache. If the number of cache misses is less than 20%, the performance is considered to be satisfactory.

The data flow is represented by the last columns.

Note: Some values may be printed as zero when Advanced Policy Management is installed and enabled. The use of APM is indicated by YES in the header after FC4001.

22/11/07		VIRTUAL TAPE SERVER - TVC ACTIVITY REPORT										PAGE 1									
REPORT ID: ERXT0352		SYSTEM ID		FDCT		LIBRARY		0000000B2729		FC4001		YES		TVC SIZE		1,728		REC DATE		09/23/yyyy	
HOURMX	COMPAV	COMP	MX TM	AV TM	%MNTS NOT	4K BLK WR	4K BLK RD	4K BLK WR	4K BLK RD	DATA WR	DATA WR										
INDEX	MT	REQ	MT	REQVDRIV	MTDVDRIV	MTD	TVC	SAT	VIRT	VOLS	VIRT	VOLS	PHYS	DRIV	PHYS	DRIV	PRI	POOL	SEC	POOL	
23	295	18	4,635	249	14.47	5,459,842	18,058,184	0	0	51,319	0										
0	331	20	15,644	306	13.84	13,927,586	6,879,146	0	0	113,324	0										
1	155	7	6,408	322	7.24	9,688,787	7,893,689	0	0	91,287	0										
2	169	4	12,031	267	3.71	10,761,992	9,003,559	0	0	74,145	0										
3	463	14	9,477	529	7.71	12,676,664	6,198,450	0	0	104,316	0										
4	195	3	5,657	285	2.78	4,808,334	11,889,038	0	0	64,553	0										
5	115	1	7,382	213	2.38	5,973,964	27,076,532	0	0	32,566	0										
6	118	3	20,400	237	3.01	10,157,289	24,853,089	0	0	61,384	0										
7	189	8	8,287	333	9.09	5,607,695	21,264,938	0	0	43,280	0										
8	494	22	11,960	406	14.36	5,301,000	21,585,353	0	0	36,807	0										
9	367	10	7,929	519	8.23	4,560,001	23,536,317	0	0	45,166	0										
10	299	3	11,418	649	2.95	4,567,178	18,810,251	0	0	37,951	0										
11	156	5	6,386	287	10.03	8,460,695	15,472,390	0	0	41,886	0										
12	234	5	31,833	645	4.26	5,439,533	19,978,322	0	0	49,659	0										
13	178	5	8,438	249	5.17	6,112,774	18,209,967	0	0	45,651	0										
14	139	3	12,554	221	2.46	10,989,960	11,183,876	0	0	98,280	0										
15	115	2	6,825	207	2.17	7,977,589	12,108,391	0	0	76,454	0										
16	132	4	9,876	422	3.33	12,250,054	14,233,739	0	0	59,848	0										
17	144	4	7,442	317	3.27	11,885,843	8,612,051	0	0	97,968	0										
18	82	1	13,274	334	0.44	6,838,891	6,332,692	0	0	49,420	0										
19	108	2	3,992	163	1.37	5,600,960	10,455,160	0	0	40,738	0										
20	88	2	11,592	437	2.04	1,678,788	10,331,834	0	0	13,320	0										
21	122	9	7,342	473	10.34	443,176	5,253,254	0	0	2,380	0										
22	122	11	15,539	718	11.36	5,178,692	5,792,028	0	0	20,741	0										
END OF REPORT																					

ERXT0353/EZXT0353: Virtual Tape Server - TVC Activity Summary Report

This report summarizes the activity of the TVC (Tape Volume Cache) on a daily basis. For detailed information, see the ERXT0352/EZXT0352 report.

28/11/07	VIRTUAL TAPE SERVER - TVC ACTIVITY SUMMARY REPORT								PAGE 1	
REPORT ID: ERXT0353			SYSTEM ID		FDCT					
			LIBRARY		0000000B2729					
			FC4001		YES					
			TVC SIZE		1,728					
RECDATE	AV COMP MT REQ	AV TM VD MTD	%MNTS NOT TVC SAT	4K BLK WR VIRT VOLS	4K BLK RD VIRT VOLS	4K BLK WR PHYS DRIV	4K BLK RD PHYS DRIV	DATA WR PRI POOL	DATA WR SEC POOL	
yy/09/23	7.13	332.08	6.09	176,347,287	335,012,250	0	0	1,320	0	
yy/09/24	11.61	283.93	8.89	143,191,113	197,273,397	0	0	1,144	0	
yy/09/25	8.17	193.59	6.54	194,005,057	177,791,945	0	0	1,575	0	
yy/09/26	7.42	175.25	5.65	191,984,145	195,904,860	0	0	1,586	0	
yy/09/27	7.65	171.12	5.03	209,950,434	196,662,836	0	0	1,623	0	
yy/09/28	6.17	163.49	5.23	183,537,103	160,799,829	0	0	1,494	0	
yy/09/29	8.28	195.95	6.68	236,791,898	164,398,262	0	0	1,907	0	
yy/09/30	6.15	185.85	6.16	108,652,832	137,946,433	0	0	894	0	
	7.85	203.18	6.19	1,444,459,869	1,565,789,812	0	0	11,548	0	

Chapter 30: WebSphere Reports

This section contains the following topics:

- [ERXT0300/EZXT0300: WebSphere Configuration Data](#) (see page 287)
- [ERXT0301/EZXT0301: WebSphere Performance Data](#) (see page 288)
- [ERXT0303/EZXT0303: WebSphere Server Activity](#) (see page 289)
- [ERXT0304/EZXT0304: WebSphere Server Activity Summary](#) (see page 290)
- [ERXT0305/EZXT0305: WebSphere J2EE Container Interval](#) (see page 291)
- [ERXT0306/EZXT0306: WebSphere J2EE Container Interval Summary](#) (see page 292)
- [ERXT0307/EZXT0307: WebSphere Server Interval](#) (see page 293)
- [ERXT0308/EZXT0308: WebSphere Server Interval Summary](#) (see page 294)
- [ERXT0309/EZXT0309: WebSphere Container Interval](#) (see page 295)
- [ERXT0310/EZXT0310: WebSphere J2EE Container Activity](#) (see page 296)
- [ERXT0311/EZXT0311: WebSphere J2EE Container Activity Summary](#) (see page 297)
- [ERXT0500/EZXT0500: WebContainer Servlet Response Time Detail](#) (see page 298)
- [ERXT0501/EZXT0501: WebContainer Servlet Interval Report](#) (see page 299)

ERXT0300/EZXT0300: WebSphere Configuration Data

This report shows WebSphere configuration data by server entity.

09/09/yy												WEBSPPHERE CONFIGURATION DATA (ERXT0300)				PAGE 1						
REPORT ID: WEBSPPHERE CONFIGURATION DATA												SYSTEM ID: 1S04 DATE: 01/11/18										
ENTITY NAME(FIRST 64 BYTES): PR0D1S04.urcompanyname.com												ENTITY ADDR(FIRST 4 BYTES): 9FBB380A										
SERVER ROOT (FIRST 48 BYTES)	REC TIME	SRVR TYPE	ENTITY PORT	SERVER VERSION	DNS LOOK- FLAG	MAXIMUM BUFFSIZE	MINIMUM # THREADS	MAXIMUM # THREADS	IDLE THRD TIMEOUT	ACL SETTINGS	META FILE FLAG	DIRECTORY ACCSS FLG	INPUT TIMEOUT	OUTPUT TIMEOUT	SCRIPT TIMEOUT	GMT FLAG	HTML FLAG	SECURITY TYPE	SSL PORT	NORMAL MODE FLAG	CACHE FLAG	
/usr/lpp/internet/server_root	02:30:18	1	80	V5R3M0	0	102400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM K CACHE	MAX FILE TO CACHE	CACHE LIMIT 1	CACHE LIMIT 2	CACHE TME MARGIN	CACHE LOK TIMEOUT	KEEP EXPIR FLG	CACHE CONN FLAG	GARBAGE COLL FLAG	GARBAGE COLL INTV	GBGE MEM USE	COLL PROXY	SOMETHING	0	0	0	0	0	0	0	0	0	0
09/09/yy												WEBSPPHERE CONFIGURATION DATA (ERXT0300)				PAGE 2						
REPORT ID: WEBSPPHERE CONFIGURATION DATA												SYSTEM ID: 1S05 DATE: 01/11/14										
ENTITY NAME(FIRST 64 BYTES): PR0D1S05.abcdefghijklm.com												ENTITY ADDR(FIRST 4 BYTES): 9FBB380B										
SERVER ROOT (FIRST 48 BYTES)	REC TIME	SRVR TYPE	ENTITY PORT	SERVER VERSION	DNS LOOK- FLAG	MAXIMUM BUFFSIZE	MINIMUM # THREADS	MAXIMUM # THREADS	IDLE THRD TIMEOUT	ACL SETTINGS	META FILE FLAG	DIRECTORY ACCSS FLG	INPUT TIMEOUT	OUTPUT TIMEOUT	SCRIPT TIMEOUT	GMT FLAG	HTML FLAG	SECURITY TYPE	SSL PORT	NORMAL MODE FLAG	CACHE FLAG	
/usr/lpp/internet/server_root	14:05:35	1	8181	V5R3M0	0	102400	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAXIMUM K CACHE	MAX FILE TO CACHE	CACHE LIMIT 1	CACHE LIMIT 2	CACHE TME MARGIN	CACHE LOK TIMEOUT	KEEP EXPIR FLG	CACHE CONN FLAG	GARBAGE COLL FLAG	GARBAGE COLL INTV	GBGE MEM USE	COLL PROXY	SOMETHING	0	0	0	0	0	0	0	0	0	0

ERXT0301/EZXT0301: WebSphere Performance Data

This report shows WebSphere performance data by server entity.

09/09/yy		WEBSPPHERE PERFORMANCE DATA (ERXT0301)					PAGE 1			
REPORT ID: WEBSPPHERE PERFORMANCE DATA		SYSTEM ID: 1S04 DATE: 01/11/14					ENTITY ADDR(FIRST 4 BYTES): 9FBB380A			
ENTITY NAME(FIRST 64 BYTES): PROD1S04.urcompanyname.com		SERVER VERSION: V5R3M0					SERVER TYPE: 1			
ENTITY PORT: 80										
SMF TIME STAMP	REQUESTS RECEIVED	RESPONSES SENT	BYTES RECEIVED	BYTES SENT	TIMEOUTS	CACHE HITS	SECS SINCE SMF WRITE	CONN SINCE LST SMF WRT		
00:01:08	6726	7209	3535526	42700796	604	0	900	0		
00:16:08	0	0	0	0	0	0	900	0		
00:31:08	0	0	0	0	0	0	900	0		
00:46:08	0	0	0	0	0	0	900	0		
01:01:08	0	0	0	0	0	0	900	0		
01:16:08	0	0	0	0	0	0	900	0		
01:31:08	0	0	0	0	0	0	900	0		
01:46:08	0	0	0	0	0	0	900	0		
02:01:08	0	0	0	0	0	0	900	0		
02:16:08	0	0	0	0	0	0	900	0		
02:31:08	0	0	0	0	0	0	900	0		
02:46:08	0	0	0	0	0	0	900	0		
03:01:08	0	0	0	0	0	0	900	0		
03:16:08	0	0	0	0	0	0	900	0		
03:31:08	0	0	0	0	0	0	900	0		
03:46:08	0	0	0	0	0	0	900	0		
04:01:08	0	0	0	0	0	0	900	0		
04:16:08	0	0	0	0	0	0	900	0		
04:31:08	0	0	0	0	0	0	900	0		
04:46:08	0	0	0	0	0	0	900	0		
05:01:08	14	28	15901	266933	6	0	900	21		
05:16:08	0	0	0	0	0	0	900	0		
05:31:08	0	7	2702	2660	0	0	900	7		
05:46:08	0	0	0	0	0	0	900	0		
06:01:08	0	0	0	0	0	0	900	0		
06:16:08	0	0	0	0	0	0	900	0		
06:31:08	0	0	0	0	0	0	900	0		
06:46:08	203	203	106315	869675	41	0	900	65		
07:01:08	21	21	9773	103488	11	0	900	11		
07:16:08	50	50	29753	307893	15	0	900	40		
07:31:08	262	263	134615	228535	0	0	900	264		
07:46:08	82	83	41688	687884	19	0	900	30		
08:01:08	30	30	15119	383603	14	0	900	16		
08:16:08	423	428	219412	14407018	51	0	900	195		
08:31:08	298	302	154206	398375	1	0	900	302		
08:46:08	115	139	70475	972531	4	0	900	116		
09:01:08	120	138	67990	1479700	2	0	900	101		
09:16:08	49	53	20931	529695	17	0	900	28		
09:31:08	126	134	67271	2586211	2	0	900	133		
09:46:08	174	186	106513	2333649	26	0	900	140		
10:01:08	108	116	59742	551108	6	0	900	99		
10:16:08	65	65	31733	264696	0	0	900	39		
10:31:08	1249	1256	681041	1923366	59	0	900	320		
10:46:08	141	146	90487	220102	9	0	900	106		
11:01:08	0	0	0	0	0	0	900	0		
11:16:08	107	129	52983	1028675	9	0	900	91		
11:31:08	91	96	48073	1503842	17	0	900	49		
11:46:08	215	251	127183	7838793	17	0	900	208		
12:01:08	226	232	141063	2589573	16	0	900	159		

ERXT0303/EZXT0303: WebSphere Server Activity

This report shows WebSphere server activity by server and communications session address.

09/09/yy		WEBSPPHERE SERVER ACTIVITY REPORT (ERXT0303)										PAGE 1	
REPORT ID: WEBSPPHERE ACTIVITY					SYSTEM ID: 1X01					SUBSYSTEM ID: WAS			
HOST NAME: 1X_					SERVER INSTANCE: BBOASR1A					SESSION HANDLE: 2868BEC00000000A			
SERVER NAME: BBOASR1_					COMMUNICATIONS SESSION ADDRESS: jobname=BBOIIVP asid=0042					START DATE: 02/01/10 STOP DATE: 02/01/10			
START TIME	STOP TIME	NO. REGIONS	SERVER USER CREDENTIALS	ACTIVITY TYPE	WLM ENCLAVE TOKEN (HEX)	INPUT METHODS	GLOBAL TRANS	LOCAL TRANS	SERVER TYPE	SESSION OPTIM.	BYTES RECEIVED	BYTES TRANSFERRED	
18:40:11	18:40:20	1	CBADMIN	1	0000002000000CD0	1	0	0	0	1	345	897	
18:40:20	18:40:21	1	CBADMIN	1	0000002000000CD1	1	1	0	0	1	344	937	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CD3	1	1	0	0	1	344	937	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CDE	1	1	0	0	1	324	896	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CDB	1	1	0	0	1	312	900	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CDC	1	1	0	0	1	304	896	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CDD	1	1	0	0	1	308	900	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CDA	1	1	0	0	1	308	900	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CD7	1	1	0	0	1	308	900	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CD8	1	1	0	0	1	324	896	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CD9	1	1	0	0	1	308	900	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CD6	1	1	0	0	1	324	896	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CD4	1	1	0	0	1	344	1700	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CD5	1	1	0	0	1	308	900	
18:40:21	18:40:21	1	CBADMIN	1	0000002000000CD2	1	1	0	0	1	344	1700	
18:40:21	18:40:22	1	CBADMIN	1	0000002000000CDF	1	1	0	0	1	312	900	
18:40:22	18:40:22	1	CBADMIN	1	0000002000000CE0	1	1	0	0	1	308	900	
18:40:22	18:40:22	1	CBADMIN	1	0000002000000CE1	1	1	0	0	1	304	896	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CE4	1	0	1	0	1	352	937	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CF4	1	0	1	0	1	316	896	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CF3	1	0	1	0	1	320	900	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CF0	1	0	1	0	1	320	900	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CF1	1	0	1	0	1	340	896	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CF2	1	0	1	0	1	324	900	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CEF	1	0	1	0	1	316	896	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CEC	1	0	1	0	1	320	900	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CED	1	0	1	0	1	320	900	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CEE	1	0	1	0	1	324	900	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CEB	1	0	1	0	1	340	896	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CE9	1	0	1	0	1	340	896	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CEA	1	0	1	0	1	320	900	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CE8	1	0	1	0	1	320	900	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CE7	1	0	1	0	1	352	1724	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CE5	1	0	1	0	1	352	1724	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CE6	1	0	1	0	1	352	937	
18:40:23	18:40:23	1	CBADMIN	1	0000002000000CE3	1	0	0	0	1	353	897	
18:40:23	18:40:25	1	CBADMIN	2	0000002000000CF6	1	0	0	0	1	488	3672	
18:40:25	18:40:25	1	CBADMIN	1	0000002000000CF8	1	0	1	0	1	496	1024	
18:40:25	18:40:25	1	CBADMIN	1	0000002000000CFF	1	1	0	0	1	312	900	
18:40:25	18:40:25	1	CBADMIN	1	0000002000000D00	1	1	0	0	1	304	896	
18:40:25	18:40:25	1	CBADMIN	1	0000002000000CFE	1	1	0	0	1	308	900	
18:40:25	18:40:25	1	CBADMIN	1	0000002000000CFB	1	1	0	0	1	320	1700	
18:40:25	18:40:25	1	CBADMIN	1	0000002000000CFC	1	1	0	0	1	312	900	
18:40:25	18:40:25	1	CBADMIN	1	0000002000000CFD	1	1	0	0	1	324	1700	
18:40:25	18:40:25	1	CBADMIN	1	0000002000000CFA	1	0	0	0	1	335	897	
18:40:26	18:40:48	1	CBADMIN	2	0000002000000D02	1	0	0	0	1	452	3668	
18:40:49	18:40:50	1	CBADMIN	2	0000002000000D05	2	0	0	0	1	1835	6680	

ERXT0304/EZXT0304: WebSphere Server Activity Summary

This report shows WebSphere server activity Summary by server and communications session address.

09/09/yy		WEBSHERE SERVER ACTIVITY SUMMARY REPORT (ERXT0304)				PAGE 1
REPORT ID: WEBSHERE ACTIVITY SUMMARY BY COMMUNICATIONS SESSION HANDLE		SYSTEM ID: 1X01		SUBSYSTEM ID: WAS		
HOST NAME: 1X_		SERVER INSTANCE: BBOASR1A		SESSION HANDLE: 2868BEC00000000A		
SERVER NAME: BBOASR1_		COMMUNICATIONS SESSION ADDRESS: jobname=BBOIVP asid=0042				
COMM SESSION HANDLE (HEX)	INPUT METHODS	GLOBAL TRANS	LOCAL TRANS	BYTES RECEIVED	BYTES TRANSFERRED	
2868BEC00000000A	50	23	18	19174	64220	
2868BEC00000000B	50	23	18	19326	64268	
2868BEC00000000C	183	23	31	180826	373500	
2868BEC00000000D	183	23	31	181318	373780	
2868BEC00000000E	13	0	0	14228	33297	
2868BEC00000000F	183	23	31	180826	322260	
2868BEC000000010	183	23	31	181318	322540	
2868BEC000000011	183	23	31	180826	322260	
2868BEC000000012	183	23	31	181318	322540	
2868BEC000000013	183	23	31	180826	322260	
2868BEC000000014	183	23	31	181318	322540	
	1577	230	284	1501304	2843465	
09/09/yy		WEBSHERE SERVER ACTIVITY SUMMARY REPORT (ERXT0304)				PAGE 2
REPORT ID: WEBSHERE ACTIVITY SUMMARY BY COMMUNICATIONS SESSION HANDLE		SYSTEM ID: 1X01		SUBSYSTEM ID: WAS		
HOST NAME: 1X_		SERVER INSTANCE: BBOASR2A		SESSION HANDLE: 2868892000000001		
SERVER NAME: BBOASR2_		COMMUNICATIONS SESSION ADDRESS: jobname=IMWEBSR9 asid=00CC				
COMM SESSION HANDLE (HEX)	INPUT METHODS	GLOBAL TRANS	LOCAL TRANS	BYTES RECEIVED	BYTES TRANSFERRED	
2868892000000001	2688	0	2664	1419768	5945050	
2868892000000004	9509	0	9500	5033422	21115438	
2868892000000005	130	4	126	82228	315055	
2868892000000006	432	2	430	240884	966318	
2868892000000007	653	0	653	355172	1461811	
28688A5800000001	16	0	16	8448	35812	
28688A5800000005	463	4	451	272660	1037851	
28688C8000000002	601	5	596	341124	1368086	
28688C8000000006	437	8	431	271332	1137121	
	14929	23	14867	8025038	33382542	

ERXT0305/EZXT0305: WebSphere J2EE Container Interval

This report shows WebSphere J2EE container interval data by container and bean name.

09/09/yy		WEBSHERE J2EE CONTAINER INTERVAL REPORT (ERXT0305)												PAGE 1									
REPORT ID: WEBSHERE CONTAINER INTERVAL						SYSTEM ID: 1X01						SUBSYSTEM ID: WAS											
HOST NAME: 1X_						SERVER INSTANCE: CBMAPSA1																	
SERVER NAME: CBMAPS_																							
CONTAINER NAME(FIRST 96 BYTES): Default																							
BEAN NAME(FIRST 96 BYTES): App2::app2_ejb_WebApp.jar::RemoteWebAppBean																							
START DATE: 02/01/24						STOP DATE: 02/01/24																	
METHOD NAME(FIRST 96 BYTES): create()																							
START TIME: 01:14:00						STOP TIME: 01:29:00						BEAN TYPE: 2						REENTRANCE POLICY: 0					
TIMES	AVG	MAX	METH #	TIMES	EJBLOAD	EJBLOAD #	TIMES	EJBSTOR	EJBSTOR #	TIMES	EJBACTV	EJBACTV #	TIMES	EJBPASS	EJBPASS								
METHOD	RESP	RESP	TRAN	EJBLOAD	AVG XEC	MAX XEC	EJBSTOR	AVG XEC	MAX XEC	EJBACTV	AVG XEC	MAX XEC	EJBPASS	AVG XEC	MAX XEC								
INVKD	TIME	TIME	POL.	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME								
1	21	21	1	0	0	0	0	0	0	0	0	0	0	0	0								
METHOD NAME(FIRST 96 BYTES): dispatchByURI1(java.lang.String,com.ibm.servlet.engine.ejs.RemoteSRPConn,com.ibm.servlet.engine.																							
START TIME: 01:14:00						STOP TIME: 01:29:00						BEAN TYPE: 2						REENTRANCE POLICY: 0					
TIMES	AVG	MAX	METH #	TIMES	EJBLOAD	EJBLOAD #	TIMES	EJBSTOR	EJBSTOR #	TIMES	EJBACTV	EJBACTV #	TIMES	EJBPASS	EJBPASS								
METHOD	RESP	RESP	TRAN	EJBLOAD	AVG XEC	MAX XEC	EJBSTOR	AVG XEC	MAX XEC	EJBACTV	AVG XEC	MAX XEC	EJBPASS	AVG XEC	MAX XEC								
INVKD	TIME	TIME	POL.	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME								
2	15645	27298	1	0	0	0	0	0	0	0	0	0	0	0	0								
METHOD NAME(FIRST 96 BYTES): create()																							
START TIME: 01:29:00						STOP TIME: 01:44:00						BEAN TYPE: 2						REENTRANCE POLICY: 0					
TIMES	AVG	MAX	METH #	TIMES	EJBLOAD	EJBLOAD #	TIMES	EJBSTOR	EJBSTOR #	TIMES	EJBACTV	EJBACTV #	TIMES	EJBPASS	EJBPASS								
METHOD	RESP	RESP	TRAN	EJBLOAD	AVG XEC	MAX XEC	EJBSTOR	AVG XEC	MAX XEC	EJBACTV	AVG XEC	MAX XEC	EJBPASS	AVG XEC	MAX XEC								
INVKD	TIME	TIME	POL.	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME								
1	13	13	1	0	0	0	0	0	0	0	0	0	0	0	0								
METHOD NAME(FIRST 96 BYTES): dispatchByURI1(java.lang.String,com.ibm.servlet.engine.ejs.RemoteSRPConn,com.ibm.servlet.engine.																							
START TIME: 01:29:00						STOP TIME: 01:44:00						BEAN TYPE: 2						REENTRANCE POLICY: 0					
TIMES	AVG	MAX	METH #	TIMES	EJBLOAD	EJBLOAD #	TIMES	EJBSTOR	EJBSTOR #	TIMES	EJBACTV	EJBACTV #	TIMES	EJBPASS	EJBPASS								
METHOD	RESP	RESP	TRAN	EJBLOAD	AVG XEC	MAX XEC	EJBSTOR	AVG XEC	MAX XEC	EJBACTV	AVG XEC	MAX XEC	EJBPASS	AVG XEC	MAX XEC								
INVKD	TIME	TIME	POL.	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME								
6	9339	22996	1	0	0	0	0	0	0	0	0	0	0	0	0								

ERXT0306/EZXT0306: WebSphere J2EE Container Interval Summary

This report shows WebSphere J2EE container interval summary data by container and bean name.

09/09/yy		WEBSHERE J2EE CONTAINER INTERVAL SUMMARY REPORT(ERXT0306)				PAGE 1
REPORT ID: WEBSHERE CONTAINER INTERVAL SUMMARY BY BEAN NAME		SYSTEM ID: 1X01		SUBSYSTEM ID: WAS		
HOST NAME: 1X_		SERVER INSTANCE: CBMAPSA1				
SERVER NAME: CBMAPS_						
CONTAINER NAME: Default						
BEAN NAME(FIRST 96 BYTES): App2::app2_ejb_WebApp.jar::RemoteWebAppBean						
# TIMES	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES	
METHOD	EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED	
INVOKED	INVOKED	INVOKED	INVOKED	INVOKED	INVOKED	
18	0	0	0	0	0	
BEAN NAME(FIRST 96 BYTES): App2::HelloEJBean.jar::HelloBean						
# TIMES	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES	
METHOD	EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED	
INVOKED	INVOKED	INVOKED	INVOKED	INVOKED	INVOKED	
18	0	0	0	0	0	
BEAN NAME(FIRST 96 BYTES): RemoteWebContainer::RemoteWebContainer.jar::RemoteWebContainerBean						
# TIMES	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES	
METHOD	EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED	
INVOKED	INVOKED	INVOKED	INVOKED	INVOKED	INVOKED	
1635	0	0	0	0	0	

ERXT0307/EZXT0307: WebSphere Server Interval

This report shows WebSphere server interval data by server name and instance.

09/09/yy		WEBSPPHERE SERVER INTERVAL REPORT (ERXT0307)										PAGE 1	
REPORT ID: WEBSPPHERE SERVER INTERVAL				SYSTEM ID: 1X01				SUBSYSTEM ID: WAS					
HOST NAME: 1X_				SERVER INSTANCE: CBMAPSA1									
SERVER NAME: CBMAPS_													
START DATE: 02/01/10		STOP DATE: 02/01/10											
START TIME	STOP TIME	GL TRN INIT	LC TRN INIT	ACT CM SESSNS	ACT LC SESSNS	ACT RM SESSNS	BYTE FROM ALL CLIEN	BYTES TO ALL CLIEN	BYTE FROM LCL CLIEN	BYTES TO LCL CLIEN	BYTE FROM REM CLIEN	BYTES TO REM CLIEN	SRVR TYPE
05:59:00	06:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
06:14:00	06:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
06:29:00	06:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
06:44:00	06:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
06:59:00	07:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
07:14:00	07:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
07:29:00	07:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
07:44:00	07:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
07:59:00	08:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
08:14:00	08:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
08:29:00	08:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
08:44:00	08:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
08:59:00	09:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
09:14:00	09:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
09:29:00	09:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
09:44:00	09:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
09:59:00	10:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
10:14:00	10:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
10:29:00	10:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
10:44:00	10:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
10:59:00	11:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
11:14:00	11:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
11:29:00	11:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
11:44:00	11:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
11:59:00	12:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
12:14:00	12:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
12:29:00	12:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
12:44:00	12:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
12:59:00	13:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
13:14:00	13:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
13:29:00	13:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
13:44:00	13:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
13:59:00	14:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
14:14:00	14:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
14:29:00	14:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
14:44:00	14:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
14:59:00	15:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
15:14:00	15:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
15:29:00	15:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
15:44:00	15:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
15:59:00	16:14:00	0	0	0	0	0	0	0	0	0	0	0	0 1
16:14:00	16:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
16:29:00	16:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
16:44:00	16:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1
16:59:00	17:14:01	0	0	0	0	0	0	0	0	0	0	0	0 1
17:14:01	17:29:00	0	0	0	0	0	0	0	0	0	0	0	0 1
17:29:00	17:44:00	0	0	0	0	0	0	0	0	0	0	0	0 1
17:44:00	17:59:00	0	0	0	0	0	0	0	0	0	0	0	0 1

ERXT0308/EZXT0308: WebSphere Server Interval Summary

This report shows WebSphere server interval summary data by server name and instance.

09/09/yy	WEBSPHERE SERVER INTERVAL SUMMARY REPORT (ERXT0308)					PAGE 1
REPORT ID: WEBSPHERE INTERVAL SUMMARY BY SERVER INSTANCE NAME				SYSTEM ID: 1X01	SUBSYSTEM ID: WAS	
HOST NAME: IX_				SERVER INSTANCE: CBMAPSA1		
SERVER NAME: CBMAPS_						

	BYTES FROM ALL CLIEN	BYTES TO ALL CLIEN	BYTES FROM LCL CLIEN	BYTES TO LCL CLIEN	BYTES FROM REM CLIEN	BYTES TO REM CLIEN

	942868	3329345	942868	3329345	0	0
09/09/yy	WEBSPHERE SERVER INTERVAL SUMMARY REPORT (ERXT0308)					PAGE 2
REPORT ID: WEBSPHERE INTERVAL SUMMARY BY SERVER INSTANCE NAME				SYSTEM ID: 9Z05	SUBSYSTEM ID: WAS	
HOST NAME: 9Z_				SERVER INSTANCE: BBOASR1A		
SERVER NAME: BBOASR1_						

	BYTES FROM ALL CLIEN	BYTES TO ALL CLIEN	BYTES FROM LCL CLIEN	BYTES TO LCL CLIEN	BYTES FROM REM CLIEN	BYTES TO REM CLIEN

	0	0	0	0	0	0
09/09/yy	WEBSPHERE SERVER INTERVAL SUMMARY REPORT (ERXT0308)					PAGE 3
REPORT ID: WEBSPHERE INTERVAL SUMMARY BY SERVER INSTANCE NAME				SYSTEM ID: 9Z05	SUBSYSTEM ID: WAS	
HOST NAME: 9Z_				SERVER INSTANCE: BBOASR2A		
SERVER NAME: BBOASR2_						

	BYTES FROM ALL CLIEN	BYTES TO ALL CLIEN	BYTES FROM LCL CLIEN	BYTES TO LCL CLIEN	BYTES FROM REM CLIEN	BYTES TO REM CLIEN

	4558270	28878345	4558270	28878345	0	0
09/09/yy	WEBSPHERE SERVER INTERVAL SUMMARY REPORT (ERXT0308)					PAGE 4
REPORT ID: WEBSPHERE INTERVAL SUMMARY BY SERVER INSTANCE NAME				SYSTEM ID: 9Z05	SUBSYSTEM ID: WAS	
HOST NAME: 9Z_				SERVER INSTANCE: BBOASR2A		
SERVER NAME: BBOASR2_						

ERXT0309/EZXT0309: WebSphere Container Interval

This report shows WebSphere container interval data by container and class name.

09/09/yy		WEBSPPHERE CONTAINER INTERVAL REPORT (ERXT0309)		PAGE 1	
REPORT ID: WEBSPPHERE CONTAINER INTERVAL		SYSTEM ID: 1X01		SUBSYSTEM ID: WAS	
HOST NAME: 1X_		SERVER INSTANCE: CBMAPSA1			
SERVER NAME: CBMAPS_					
CONTAINER NAME: CONTAINER NAME					
CLASS NAME(FIRST 96 BYTES): CLASS NAME					
START DATE: 02/01/24		STOP DATE: 02/01/24			
METHOD NAME(FIRST 96 BYTES): method name 1					
START	STOP	# TIMES		# NONFRME	
TIME	TIME	METH INVKD		WORK EXCEP	
00:46:47	00:59:00	5		64	
METHOD NAME(FIRST 96 BYTES): method name 3					
START	STOP	# TIMES		# NONFRME	
TIME	TIME	METH INVKD		WORK EXCEP	
00:46:47	00:59:00	5		3	
METHOD NAME(FIRST 96 BYTES): method name 2					
START	STOP	# TIMES		# NONFRME	
TIME	TIME	METH INVKD		WORK EXCEP	
00:46:47	00:59:00	2		426	
METHOD NAME(FIRST 96 BYTES): method name 1					
START	STOP	# TIMES		# NONFRME	
TIME	TIME	METH INVKD		WORK EXCEP	
00:59:00	01:14:00	14		26	
METHOD NAME(FIRST 96 BYTES): method name 2					
START	STOP	# TIMES		# NONFRME	
TIME	TIME	METH INVKD		WORK EXCEP	
00:59:00	01:14:00	7		25	
METHOD NAME(FIRST 96 BYTES): method name 3					
START	STOP	# TIMES		# NONFRME	
TIME	TIME	METH INVKD		WORK EXCEP	
00:59:00	01:14:00	5		3	
METHOD NAME(FIRST 96 BYTES): method name 1					
START	STOP	# TIMES		# NONFRME	
TIME	TIME	METH INVKD		WORK EXCEP	
01:44:00	01:59:00	14		24	
METHOD NAME(FIRST 96 BYTES): method name 2					
START	STOP	# TIMES		# NONFRME	
TIME	TIME	METH INVKD		WORK EXCEP	
01:44:00	01:59:00	7		28	
METHOD NAME(FIRST 96 BYTES): method name 3					
START	STOP	# TIMES		# NONFRME	
TIME	TIME	METH INVKD		WORK EXCEP	
01:44:00	01:59:00	5		3	
METHOD NAME(FIRST 96 BYTES): method name 1					
START	STOP	# TIMES		# NONFRME	
TIME	TIME	METH INVKD		WORK EXCEP	
01:59:00	02:14:00	4		27	

ERXT0310/EZXT0310: WebSphere J2EE Container Activity

This report shows WebSphere J2EE container activity data by container and bean name.

06/03/yy		WEBSPPHERE J2EE CONTAINER ACTIVITY REPORT (ERXT0310)												PAGE 1			
REPORT ID: WEBSPPHERE CONTAINER ACTIVITY						SYSTEM ID: CA31						SUBSYSTEM ID: WAS					
HOST NAME: USAAA31						SERVER INSTANCE: BB0S031											
SERVER NAME: BB0C031																	
CONTAINER NAME(FIRST 96 BYTES): Default																	
BEAN NAME(FIRST 96 BYTES): PlantsByWebSphere::PlantsByWebSphereEJB.jar::BackOrder																	
METHOD NAME(FIRST 96 BYTES): getQuantity:																	
BEAN TYPE: 5						REENTRANCE POLICY: 0											
TIMES	AVG	MAX	METH #	TIMES	EJBLOAD	EJBLOAD #	TIMES	EJBSTOR	EJBSTOR #	TIMES	EJBACTV	EJBACTV #	TIMES	EJBPASS	EJBPASS		
METHOD	RESP	RESP	TRAN	EJBLOAD	AVG XEC	MAX XEC	EJBSTOR	AVG XEC	MAX XEC	EJBACTV	AVG XEC	MAX XEC	EJBPASS	AVG XEC	MAX XEC		
INVKD	TIME	TIME	POL.	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME		
2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0		
METHOD NAME(FIRST 96 BYTES): findByInventoryID:java.lang.String																	
BEAN TYPE: 5						REENTRANCE POLICY: 0											
TIMES	AVG	MAX	METH #	TIMES	EJBLOAD	EJBLOAD #	TIMES	EJBSTOR	EJBSTOR #	TIMES	EJBACTV	EJBACTV #	TIMES	EJBPASS	EJBPASS		
METHOD	RESP	RESP	TRAN	EJBLOAD	AVG XEC	MAX XEC	EJBSTOR	AVG XEC	MAX XEC	EJBACTV	AVG XEC	MAX XEC	EJBPASS	AVG XEC	MAX XEC		
INVKD	TIME	TIME	POL.	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME		
3	130	316	2	2	0	0	1	0	0	2	0	0	0	0	0		
METHOD NAME(FIRST 96 BYTES): setQuantity:int																	
BEAN TYPE: 5						REENTRANCE POLICY: 0											
TIMES	AVG	MAX	METH #	TIMES	EJBLOAD	EJBLOAD #	TIMES	EJBSTOR	EJBSTOR #	TIMES	EJBACTV	EJBACTV #	TIMES	EJBPASS	EJBPASS		
METHOD	RESP	RESP	TRAN	EJBLOAD	AVG XEC	MAX XEC	EJBSTOR	AVG XEC	MAX XEC	EJBACTV	AVG XEC	MAX XEC	EJBPASS	AVG XEC	MAX XEC		
INVKD	TIME	TIME	POL.	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME		
2	0	0	2	0	0	0	2	32	63	0	0	0	0	0	0		
METHOD NAME(FIRST 96 BYTES): create:java.lang.String,int																	
BEAN TYPE: 5						REENTRANCE POLICY: 0											
TIMES	AVG	MAX	METH #	TIMES	EJBLOAD	EJBLOAD #	TIMES	EJBSTOR	EJBSTOR #	TIMES	EJBACTV	EJBACTV #	TIMES	EJBPASS	EJBPASS		
METHOD	RESP	RESP	TRAN	EJBLOAD	AVG XEC	MAX XEC	EJBSTOR	AVG XEC	MAX XEC	EJBACTV	AVG XEC	MAX XEC	EJBPASS	AVG XEC	MAX XEC		
INVKD	TIME	TIME	POL.	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME		
1	63	63	2	0	0	0	0	0	0	0	0	0	0	0	0		
METHOD NAME(FIRST 96 BYTES): getStatus:																	
BEAN TYPE: 5						REENTRANCE POLICY: 0											
TIMES	AVG	MAX	METH #	TIMES	EJBLOAD	EJBLOAD #	TIMES	EJBSTOR	EJBSTOR #	TIMES	EJBACTV	EJBACTV #	TIMES	EJBPASS	EJBPASS		
METHOD	RESP	RESP	TRAN	EJBLOAD	AVG XEC	MAX XEC	EJBSTOR	AVG XEC	MAX XEC	EJBACTV	AVG XEC	MAX XEC	EJBPASS	AVG XEC	MAX XEC		
INVKD	TIME	TIME	POL.	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME	INVOKED	TIME	TIME		
2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0		

ERXT0311/EZXT0311: WebSphere J2EE Container Activity Summary

This report shows WebSphere J2EE container activity summary data by container and bean name.

06/03/yy		WEBSHERE J2EE CONTAINER ACTIVITY SUMMARY REPORT(ERXT0311)				PAGE 1
REPORT ID: WEBSHERE CONTAINER ACTIVITY SUMMARY BY BEAN NAME		SYSTEM ID: CA31		SUBSYSTEM ID: WAS		
HOST NAME: USAAAA31		SERVER INSTANCE: BB05031				
SERVER NAME: BB0C031						
CONTAINER NAME: Default						
BEAN NAME(FIRST 96 BYTES):	PlantsByWebSphere::PlantsByWebSphereEJB.jar::BackOrder	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES
METHOD		EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED
INVOKED		INVOKED	INVOKED	INVOKED	INVOKED	INVOKED
		10	2	3	2	0
BEAN NAME(FIRST 96 BYTES):	PlantsByWebSphere::PlantsByWebSphereEJB.jar::BackOrderStock	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES
METHOD		EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED
INVOKED		INVOKED	INVOKED	INVOKED	INVOKED	INVOKED
		6	0	0	0	0
BEAN NAME(FIRST 96 BYTES):	PlantsByWebSphere::PlantsByWebSphereEJB.jar::Catalog	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES
METHOD		EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED
INVOKED		INVOKED	INVOKED	INVOKED	INVOKED	INVOKED
		107	1	0	1	0
BEAN NAME(FIRST 96 BYTES):	PlantsByWebSphere::PlantsByWebSphereEJB.jar::Customer	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES
METHOD		EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED
INVOKED		INVOKED	INVOKED	INVOKED	INVOKED	INVOKED
		14	1	0	3	0
BEAN NAME(FIRST 96 BYTES):	PlantsByWebSphere::PlantsByWebSphereEJB.jar::IdGenerator	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES
METHOD		EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED
INVOKED		INVOKED	INVOKED	INVOKED	INVOKED	INVOKED
		4	1	0	1	0
BEAN NAME(FIRST 96 BYTES):	PlantsByWebSphere::PlantsByWebSphereEJB.jar::Inventory	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES
METHOD		EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED
INVOKED		INVOKED	INVOKED	INVOKED	INVOKED	INVOKED
		1348	1	0	1	0
BEAN NAME(FIRST 96 BYTES):	PlantsByWebSphere::PlantsByWebSphereEJB.jar::Login	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES
METHOD		EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED
INVOKED		INVOKED	INVOKED	INVOKED	INVOKED	INVOKED
		4	0	0	0	0
BEAN NAME(FIRST 96 BYTES):	PlantsByWebSphere::PlantsByWebSphereEJB.jar::Mailer	# TIMES	# TIMES	# TIMES	# TIMES	# TIMES
METHOD		EJBLOAD	EJBSTOR	EJBACTV	EJBPASS	INVOKED
INVOKED		INVOKED	INVOKED	INVOKED	INVOKED	INVOKED
		1	0	0	0	0

ERXT0500/EZXT0500: WebContainer Servlet Response Time Detail

This report shows servlet activity and error counts broken out by WebContainer application.

20/08/yy		WEBCONTAINER SERVLET RESPONSE TIME DETAIL			PAGE 1	
REPORT ID: ERXT0500		SYSTEM ID: XAE1				
SOURCE : SMF 120-7		HOST NAME: PLEXC1				
		CONTAINER: BBOSTOR				
		INSTANCE : BBOSTORA				
WebTier_2						
SERVLET NAME (1ST 32 CHARS)	ACTIVITY START DATE	ACTIVITY START TIME	ACTIVITY END TIME	SERVLET RESPTIME	SERVLET ERR CT	
SimpleFileServlet	03/05/12	15:42:30	15:42:54	0.038	0	
/banner.jsp	03/05/12	18:11:37	18:14:51	1.480	0	
webTierEntryPoint	03/05/12	18:11:37	18:14:51	58.576	0	
/petfooter.jsp	03/05/12	18:11:37	18:14:51	0.019	0	
/footer.jsp	03/05/12	18:11:37	18:14:51	0.055	0	
/index.jsp	03/05/12	18:11:37	18:14:51	0.017	0	
JSP 1.1 Processor	03/05/12	18:11:37	18:14:51	7.655	0	
/template.jsp	03/05/12	18:11:37	18:14:51	5.422	0	
/template.jsp	03/05/12	18:11:38	18:16:56	120.124	0	
/topindex.jsp	03/05/12	18:11:38	18:16:56	0.025	0	
JSP 1.1 Processor	03/05/12	18:11:38	18:16:56	122.267	0	
/footer.jsp	03/05/12	18:11:38	18:16:56	0.127	0	
/productdetails.jsp	03/05/12	18:11:38	18:16:56	109.550	0	
/banner.jsp	03/05/12	18:11:38	18:16:56	0.686	0	
webTierEntryPoint	03/05/12	18:11:38	18:16:56	129.329	0	
/template.jsp	03/05/12	18:12:31	18:14:52	0.033	0	
/banner.jsp	03/05/12	18:12:31	18:14:56	0.003	0	
/index.jsp	03/05/12	18:12:31	18:14:56	0.080	0	
JSP 1.1 Processor	03/05/12	18:12:31	18:14:56	0.228	0	
/footer.jsp	03/05/12	18:12:31	18:14:56	0.026	0	
/petfooter.jsp	03/05/12	18:12:31	18:14:56	0.000	0	
webTierEntryPoint	03/05/12	18:12:31	18:14:54	1.237	0	
/footer.jsp	03/05/12	18:12:31	18:14:54	0.001	0	
/template.jsp	03/05/12	18:12:31	18:14:56	0.227	0	
webTierEntryPoint	03/05/12	18:12:31	18:14:56	2.210	0	
/index.jsp	03/05/12	18:12:31	18:14:54	0.001	0	
/petfooter.jsp	03/05/12	18:12:31	18:14:54	0.001	0	
JSP 1.1 Processor	03/05/12	18:12:31	18:14:54	0.051	0	
/banner.jsp	03/05/12	18:12:31	18:14:54	0.026	0	
JSP 1.1 Processor	03/05/12	18:12:31	18:14:52	0.033	0	
/index.jsp	03/05/12	18:12:31	18:14:52	0.005	0	
/template.jsp	03/05/12	18:12:31	18:14:54	0.051	0	
/footer.jsp	03/05/12	18:12:31	18:14:52	0.000	0	
/banner.jsp	03/05/12	18:12:31	18:14:52	0.001	0	
/petfooter.jsp	03/05/12	18:12:31	18:14:52	0.002	0	
webTierEntryPoint	03/05/12	18:12:31	18:14:52	1.225	0	
/petfooter.jsp	03/05/12	18:12:32	18:14:57	0.008	0	
/template.jsp	03/05/12	18:12:32	18:14:57	0.048	0	
/banner.jsp	03/05/12	18:12:32	18:14:57	0.013	0	
/petfooter.jsp	03/05/12	18:12:32	18:14:57	0.000	0	
webTierEntryPoint	03/05/12	18:12:32	18:14:57	0.643	0	
/footer.jsp	03/05/12	18:12:32	18:14:57	0.000	0	
/index.jsp	03/05/12	18:12:32	18:14:57	0.003	0	
JSP 1.1 Processor	03/05/12	18:12:32	18:14:57	0.033	0	
/template.jsp	03/05/12	18:12:32	18:14:57	0.033	0	
webTierEntryPoint	03/05/12	18:12:32	18:14:57	0.579	0	

ERXT0501/EZXT0501: WebContainer Servlet Interval Report

This report shows servlet activity within a given interval for all applications running within a WebContainer.

20/08/yy		WEBCONTAINER SERVLET INTERVAL REPORT				PAGE 13
REPORT ID: ERXT0501	SYSTEM ID :	XAE1				
SOURCE : SMF 120-8	HOST NAME :	PLEXC1				
	CONTAINER :	BBOSTOR				
	INSTANCE :	BBOSTORA				
	INTERVAL START DATE:	03/06/yy				
	INTERVAL START TIME:	04:29:00				
	INTERVAL END TIME :	04:59:00				
WebTier_2						
SERVLET NAME (1ST 32 CHARS)	SERVLET TOT REQS	SERVLET AVG RESP	SERVLET MIN RESP	SERVLET MAX RESP	SERVLET ERR CT	
/enteruserdata.jsp	1	0.029	0.029	0.029	0	
DirectoryBrowsingServlet	0	0.000	0.000	0.000	0	
/shiporder.jsp	1	0.280	0.280	0.280	0	
/product.jsp	1	1.927	1.927	1.927	0	
/template.jsp	12	5.865	0.010	18.090	0	
/confirmshippingdata.jsp	1	0.006	0.006	0.006	0	
FormLogoutServlet	0	0.000	0.000	0.000	0	
SimpleFileServlet	74	0.013	0.001	0.049	0	
JSP 1.1 Processor	12	5.918	0.010	18.095	0	
/footer.jsp	3	0.003	0.001	0.005	0	
/index.jsp	2	0.010	0.001	0.019	0	
/cart.jsp	1	3.832	3.832	3.832	0	
/productcategory.jsp	1	3.502	3.502	3.502	0	
/signoff.jsp	1	0.002	0.002	0.002	0	
populateServlet	1	5.076	5.076	5.076	0	
/checkout.jsp	1	0.237	0.237	0.237	0	
/productdetails.jsp	1	0.162	0.162	0.162	0	
/petfooter.jsp	2	0.005	0.001	0.009	0	
/topindex.jsp	5	0.003	0.001	0.005	0	
/banner.jsp	12	0.017	0.001	0.155	0	
webTierEntryPoint	12	12.717	0.020	46.689	0	
/signin.jsp	1	0.002	0.002	0.002	0	
FormLoginServlet	0	0.000	0.000	0.000	0	

Chapter 31: Workload Reports

This section contains the following topics:

- [ERXT0011/EZXT0011: Weekday Workload Profile](#) (see page 301)
- [ERXT0016/EZXT0016: Weekday Workload Profile by Hour](#) (see page 301)
- [ERXT0048/EZXT0048: Workload Trend Analysis](#) (see page 304)
- [ERXT0049/EZXT0049: Application Trend Analysis](#) (see page 305)
- [ERXT0236/EZXT0236: Workload Class Stats](#) (see page 306)

ERXT0011/EZXT0011: Weekday Workload Profile

This report presents a summary of the workload by day of week. The data elements for each day are averaged for the period of time. Management finds this report useful for redistributing workload to take advantage of light days.

04/03/yy												WEEKDAY WORKLOAD PROFILE		PAGE	1
DAY-OF-WEEK	NBR DAYS	NBR JOBS	NBR SESS	ACTIVE TIME-AVG	SRB TIME-AVG	TCB TIME-AVG	CPU TIME-AVG	DISK I/O AVG	TAPE I/O AVG	AVG LINES PRINTED	SERVICE UNIT AVG	SERV RATE			
1 MONDAY	5	430	88	173.18	0.57	5.51	6.08	4496707	1091220	1405084	706554861	226			
2 TUESDAY	6	399	52	78.74	0.39	6.18	6.57	3659037	336497	2445208	1510727203	888			
3 WEDNESDAY	4	3	1	8.26	0.00	0.02	0.02	30846	922	455	6898220	57			
4 THURSDAY	1	2805	797	373.89	0.29	6.49	6.78	7930121	980262	1538725	322901628	239			
5 FRIDAY	1	2648	527	94.84	0.19	3.35	3.54	7154968	751121	1340375	1088194680	3187			
6 SATURDAY	1	3	0	228.35	0.01	0.07	0.09	0	0	0	15647475	19			
7 SUNDAY	4	5	0	67.10	0.14	1.20	1.35	18070	0	0	75027134	77			
GRAND TOTAL		10040	2087	2336.94	6.30	79.54	85.84	*****	9210159	24577598	14351582725	426			

ERXT0016/EZXT0016: Weekday Workload Profile by Hour

This report provides the scheduler with a profile of typical resource utilization by listing average job statistics for each hour per day of the week. It is helpful for scheduling work and balancing resource usage.

3/07/yy												WEEKDAY WORKLOAD PROFILE BY HOUR		PAGE	2
DAY-OF-WEEK	HOUR	SAMP	NBR	NBR	ACTIVE	SRB	TCB	CPU	DISK	TAPE	AVG LINES	SERVICE	SERV		
	DAYS	JOBS	SESS	TIME-AVG	TIME-AVG	TIME-AVG	TIME-AVG	I/O AVG	I/O AVG	PRINTED	UNIT AVG	RATE			

ERXT0016/EZXT0016: Weekday Workload Profile by Hour

3 WEDNESDAY		12	4	33:02:47	00:00:25	00:05:09	00:05:35	123384	3689	1823	27592880	231
01	1	1	0	13:26:29	00:00:45	00:19:23	00:20:08	0	0	0	333308302	6888
02	1	0	1	00:09:05	00:00:04	00:01:21	00:01:25	5738	0	0	4735147	8688
03	1	0	1	00:10:04	00:00:00	00:00:11	00:00:12	3482	0	0	1123066	1857
04	1	1	0	09:50:52	00:00:16	02:38:00	02:38:17	177863	0	0	1146586374	32341
05	1	0	1	00:03:18	00:00:01	00:00:33	00:00:35	4	0	0	1741298	8765
06	1	0	2	00:38:43	00:00:05	00:01:20	00:01:25	36520	0	0	9806527	4221
07	1	0	8	01:36:43	00:00:14	00:02:56	00:03:10	95382	0	0	15042889	2592
08	1	1	31	09:29:07	00:00:41	00:09:08	00:09:50	176138	0	0	44124899	1292
09	1	1	64	11:25:21	00:00:54	00:13:05	00:13:59	229066	0	0	64419792	1566
10	1	2	70	12:36:34	00:00:50	00:13:49	00:14:40	300951	17500	25619	63162860	1391
11	1	13	84	11:48:15	00:00:56	00:12:22	00:13:18	466609	10806	33745	51863232	1220
12	1	447	77	12:51:32	00:00:52	00:13:20	00:14:13	392197	7844	224617	61874556	1336
13	1	470	106	17:47:07	00:01:40	00:20:31	00:22:11	874394	104361	105313	88752879	1386
14	1	666	94	29:14:03	00:01:37	00:23:47	00:25:24	776011	87987	171358	117789881	1119
15	1	306	74	15:40:58	00:00:55	00:10:52	00:11:47	378600	34354	79380	51763882	916
16	1	133	20	02:10:49	00:00:15	00:03:02	00:03:18	131222	12777	78030	11941258	1521
17	1	336	69	09:51:24	00:01:06	00:13:23	00:14:29	301407	71697	44623	52488946	1479
18	1	39	0	00:14:18	00:00:01	00:00:28	00:00:30	20945	0	18164	1920468	2237
19	1	158	49	139:14:35	00:01:35	00:26:19	00:27:54	583276	27779	368475	200829742	400
20	1	99	15	24:31:21	00:01:10	00:13:38	00:14:49	645800	217921	236589	95360755	1080
21	1	45	12	31:13:34	00:01:52	00:12:55	00:14:47	1514595	177311	88966	90114146	801
22	1	41	14	08:20:01	00:00:49	00:07:24	00:08:14	477186	129428	2525	49529217	1650
23	1	46	5	11:29:01	00:00:59	00:11:28	00:12:27	342735	80497	61321	57794260	1397
4 THURSDAY		2805	797	373:53:22	00:17:46	06:29:26	06:47:13	7930121	980262	1538725	322901628	239

00	1	94	10	03:25:36	00:00:35	00:04:47	00:05:23	166436	15025	9368	18909071	1532
01	1	61	7	16:05:40	00:01:28	00:09:00	00:10:29	887880	208897	30963	70204670	1211
02	1	75	25	05:33:52	00:01:02	00:09:36	00:10:38	1504488	124730	29255	57317838	2861
03	1	79	49	07:12:36	00:00:59	00:39:19	00:40:18	407401	95026	17493	220967421	8512
04	1	90	40	08:52:31	00:00:38	00:05:21	00:05:59	841068	7909	28443	21916541	685
05	1	114	23	02:30:59	00:00:28	00:04:28	00:04:57	260658	1519	31502	20354427	2246
06	1	104	18	02:09:51	00:00:23	00:04:17	00:04:41	637998	16536	32233	19579757	2512
07	1	118	44	05:20:05	00:00:58	00:58:41	00:59:40	210538	922	40165	387564838	20180
08	1	235	104	06:23:42	00:00:44	00:12:58	00:13:43	332473	23208	79037	43796437	1902
09	1	397	102	11:37:09	00:01:26	00:16:46	00:18:12	562254	46420	281093	74738648	1786
10	1	696	68	14:53:12	00:01:24	00:20:33	00:21:57	586067	135860	494385	77924961	1454
11	1	585	37	10:45:19	00:01:11	00:15:29	00:16:41	757707	75069	266438	74920071	1934
5 FRIDAY		2648	527	94:50:38	00:11:22	03:21:21	03:32:44	7154968	751121	1340375	1088194680	3187

ERXT0048/EZXT0048: Workload Trend Analysis

This report displays a profile of resource utilization by month and quarter.

Management can use this report to see month-to-month workload changes. Also, the impact of major hardware, software, or procedural changes can be evaluated over a long period of time.

2/28/yy		WORKLOAD TREND ANALYSIS											PAGE	1
ACCOUNTING QUARTER	PERIOD / MONTH	NBR JOBS	NBR SESS	ELAPSE TIME HMS	CPU TIME HMS	SERV UNIT	DISK I/O	TAPE I/O	LINES PRINTED	SERV RATE	CPU PAGE	CPU INDEX	PRCNT EXECS	
	APRIL	138	4	140:52:54	00:39:40	140511321	840639	116549	179276					
	MAY	214	59	103:55:39	00:58:22	214311792	448814	98674	15441					
	JUNE	223	60	134:48:31	00:59:23	245422681	537825	47637	14432					
2ND QUARTER	OF yy	575	123	379:37:06	02:38:25	600245794	1827278	262860	209149	1368	10	11	11.573	
	JULY	1281	335	675:20:11	10:54:10	1007171863	13312209	2812994	593022					
	AUGUST	692	201	382:01:02	2:01:17	578012510	8992571	923576	302189					
	SEPTEMBER	501	188	283:19:23	1:40:03	488126726	6743672	509872	179276					
3RD QUARTER	OF yy	2474	724	1340:40:36	14:35:30	2073311099	29048452	4246442	1074487	12891	31	6	53.026	
	OCTOBER	425	154	223:10:12	00:34:14	455987254	439651	76231	89926					
	NOVEMBER	578	203	198:14:22	01:22:06	652974312	3983828	322098	109771					
	DECEMBER	389	120	139:26:16	25:10:21	7988804786	9342522	17128	673320					
4TH QUARTER	OF yy	1392	477	560:50:50	27:06:41	9097766352	13766001	415457	873017	21298	22	3	30.984	
	JANUARY	221	35	285:40:41	01:33:01	790471641	2150897	385888	941410					
	FEBRUARY	8	2	01:32:03	00:00:14	264371	5288	1011	10776					
1ST QUARTER	OF yy	229	37	287:12:44	01:33:15	790736012	2156185	386899	952186	1667	9	6	4.417	
		4670	1361	2568:21:16	45:53:51	12562059257	46797916	5311658	3108839	1976	11	7	100.000	

ERXT0049/EZXT0049: Application Trend Analysis

This report provides a profile of resource usage, by month, for each user. Management can use this report to determine each user's workload and if his or her workload is changing over time.

02/28/yy		APPLICATION TREND ANALYSIS										PAGE	4
COST CENTER / ACNT'ING PERIOD	NBR JOBS	NBR SESS	ELAPSED TIME	SRB TIME	TCB TIME	CPU TIME	SERVICE UNITS	DISK I/O	TAPE I/O	LINES PRINTED	PRCNT EXECS		
CUSTOMER SERVICE		972	264	1681.74952	1.68132	15.07683	16.75815	1605862495	4445820	1371771	6428978	10.192	
MAY OF yy	13	5	5.97137	0.01558	0.08209	0.09767	1461820	31761	28867	0	0.148		
DEMAND DEPOSITS													
MARCH OF yy	114	0	3.16265	0.02685	0.24253	0.26938	9685659	257963	32263	27433	0.940		
DEMAND DEPOSITS													
MAY OF yy	3	0	0.00673	0.00000	0.00003	0.00003	4907	0	0	0	0.024		
DEMAND DEPOSITS													
JULY OF yy	74	2	1.90598	0.00790	0.09853	0.10643	14129025	304623	74582	0	0.626		
DEMAND DEPOSITS													
JANUARY OF yy	154	29	62.99339	0.00340	0.06424	0.06764	15572403	90215	3495	52553	1.509		
DEMAND DEPOSITS													
	358	36	74.04012	0.05373	0.48742	0.54115	40853814	684562	139207	79986	3.248		
DEMAND DEPOSITS													
MAY OF yy	0	1	0.10826	0.00015	0.00225	0.00240	24563	283	0	0	0.008		
PROOF & TRANSIT													
JULY OF yy	2	0	0.01835	0.00000	0.00013	0.00013	8286	72	0	0	0.016		
PROOF & TRANSIT													
MARCH OF yy	22	0	0.30548	0.00074	0.00282	0.00356	145896	2185	452	13700	0.181		
PROOF & TRANSIT													
JANUARY OF yy	249	60	125.26767	0.00883	0.49915	0.50798	290025047	264619	18961	32545	2.548		
PROOF & TRANSIT													
	273	61	125.69976	0.00972	0.50435	0.51407	290203792	267159	19413	46245	2.754		
PROOF & TRANSIT													
MAY OF yy	11	8	2.38258	0.00211	0.02181	0.02392	273065	4989	0	0	0.156		
UNKNOWN APPLCT'N													
MARCH OF yy	64	0	0.59163	0.00392	0.05657	0.06049	1952517	30467	0	61677	0.527		
UNKNOWN APPLCT'N													
MAY OF yy	1	1	2.32086	0.00001	0.00034	0.00035	50757	27	0	40950	0.016		
UNKNOWN APPLCT'N													
JULY OF yy	2	0	1.51799	0.00659	0.05897	0.06556	3409553	114506	0	0	0.016		
UNKNOWN APPLCT'N													
JANUARY OF yy	160	79	120.79385	0.00766	0.14984	0.15750	39430463	258883	26717	37620	1.970		
UNKNOWN APPLCT'N													
	238	88	127.60691	0.02029	0.28753	0.30782	45116355	408872	26717	140247	2.688		
	
	
	
GRAND TOTAL	10040	2087	7212.31094	6.25645	79.48630	85.74275	14351582725	59718517	9210159	24577598	100.000		

ERXT0236/EZXT0236: Workload Class Stats

This report shows workload by date and time.

16/01/yy		WORKLOAD CLASS STATS								PAGE	1
SYS ID	SERVICE CLASS	SERV PERIOD	RECDATE	RECTIME	# ACTIVE SAMPLES	# IDLE SAMPLES	PAGEINS	VALID SAMPLES	ELAPSED TIME	TRANSACTIONS ENDED	
HP91	BATHIGH	1	yy/01/13	15:54:52	0	0	0	0	0.000000	0	
HP91	BATHIGH	1	yy/01/13	16:54:52	0	0	0	0	0.000000	0	
HP91	BATHIGH	1	yy/01/13	17:54:52	0	0	0	0	0.000000	0	
HP91	BATHIGH	1	yy/01/13	18:54:52	0	0	0	0	0.000000	0	
HP91	BATHIGH	1	yy/01/13	19:54:52	0	0	0	0	0.000000	0	
HP91	BATHIGH	1	yy/01/13	20:54:52	0	0	0	0	0.000000	0	
HP91	BATHIGH	1	yy/01/13	21:54:52	0	0	0	0	0.000000	0	
HP91	BATHIGH	1	yy/01/13	22:54:52	0	0	0	0	0.000000	0	
HP91	BATHIGH	1	yy/01/13	23:54:52	0	0	0	0	0.000000	0	
HP91	BATHIGH										
HP91	BATLOW	1	yy/01/13	15:54:52	0	0	0	0	0.000000	0	
HP91	BATLOW	1	yy/01/13	16:54:52	0	0	0	0	0.000000	0	
HP91	BATLOW	1	yy/01/13	17:54:52	0	0	0	0	0.000000	0	
HP91	BATLOW	1	yy/01/13	18:54:52	0	0	0	0	0.000000	0	
HP91	BATLOW	1	yy/01/13	19:54:52	0	0	0	0	0.000000	0	
HP91	BATLOW	1	yy/01/13	20:54:52	0	0	0	0	0.000000	0	
HP91	BATLOW	1	yy/01/13	21:54:52	0	0	0	0	0.000000	0	
HP91	BATLOW	1	yy/01/13	22:54:52	0	0	0	0	0.000000	0	
HP91	BATLOW	1	yy/01/13	23:54:52	0	0	0	0	0.000000	0	
HP91	BATLOW										
HP91	BATMED	1	yy/01/13	15:54:52	0	0	0	0	0.000000	0	
HP91	BATMED	1	yy/01/13	16:54:52	0	0	0	0	0.000000	0	
HP91	BATMED	1	yy/01/13	17:54:52	0	0	0	0	0.000000	0	
HP91	BATMED	1	yy/01/13	18:54:52	0	0	0	0	0.000000	0	
HP91	BATMED	1	yy/01/13	19:54:52	0	0	0	0	0.000000	0	
HP91	BATMED	1	yy/01/13	20:54:52	0	0	0	0	0.000000	0	
HP91	BATMED	1	yy/01/13	21:54:52	0	0	0	0	0.000000	0	
HP91	BATMED	1	yy/01/13	22:54:52	0	0	0	0	0.000000	0	
HP91	BATMED	1	yy/01/13	23:54:52	0	0	0	0	0.000000	0	
HP91	BATMED										
HP91	SYSOTHER	1	yy/01/13	15:54:52	0	0	0	0	0.000000	0	
HP91	SYSOTHER	1	yy/01/13	16:54:52	0	0	0	0	0.000000	0	
HP91	SYSOTHER	1	yy/01/13	17:54:52	0	0	0	0	0.000000	0	
HP91	SYSOTHER	1	yy/01/13	18:54:52	0	0	0	0	0.000000	0	
HP91	SYSOTHER	1	yy/01/13	19:54:52	0	0	0	0	0.000000	0	
HP91	SYSOTHER	1	yy/01/13	20:54:52	0	0	0	0	0.000000	0	
HP91	SYSOTHER	1	yy/01/13	21:54:52	0	0	0	0	0.000000	0	
HP91	SYSOTHER	1	yy/01/13	22:54:52	0	0	0	0	0.000000	0	
HP91	SYSOTHER	1	yy/01/13	23:54:52	0	0	0	0	0.000000	0	
HP91	SYSOTHER										
HP91	SYSSTC	1	yy/01/13	15:54:52	64784	53955	173	118739	0.028718	1	
HP91	SYSSTC	1	yy/01/13	16:54:52	64746	53955	12	118701	0.000000	0	

Chapter 32: Workload Manager Reports

This section contains the following topics:

[ERXT0345/EZXT0345: Blocked Workload Analysis Report](#) (see page 308)

[ERXT0360/EZXT0360: WLM Goal Mode Report - Transactions](#) (see page 309)

[ERXT0361/EZXT0361: WLM Goal Mode Report - Transaction Times](#) (see page 311)

[ERXT0362/EZXT0362: WLM Goal Mode Report - DASD I/O](#) (see page 313)

[ERXT0363/EZXT0363: WLM Goal Mode Report - Service Units Consumed](#) (see page 315)

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[ERXT0365/EZXT0365: WLM Goal Mode Report - Storage and Page-in Rates](#) (see page 319)

[ERXT0366/EZXT0366: WLM Goal Mode Report - Performance Analysis by Workload](#) (see page 321)

[ERXT0367/EZXT0367: WLM Goal Mode Report - Execution Delays](#) (see page 323)

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[ERXT0369/EZXT0369: WLM Goal Mode Report - Performance Analysis by SID](#) (see page 326)

ERXT0345/EZXT0345: Blocked Workload Analysis Report

This RMF report lists the intervals when some workload was considered blocked by WLM. Since z/OS 1.9, WLM can temporarily increase the dispatching priority of such workloads. The data in this report comes from EXTDATA type R70A.

The fields in the report are as follows:

DEFINED UNITS/S

Amount of service units, per second, which are allocated to WLM for promotion of blocked workloads. This number is derived from the BLWLTRPCT parameter for WLM.

USED PERCENT

Percentage of allocated service units actually used by promoted workloads.

AVG ADDR SPACES BLOCKED

Average number of address spaces found blocked during the interval.

MAX ADDR SPACES BLOCKED

Peak number of address spaces found blocked during the interval.

CPU PCT FOR PROMOT

Value of the BLWLTRPCT parameter in percent.

STARVATION THRESHOLD

Value of the BLWLINTHD parameter in seconds.

1 1/07/yy	BLOCKED WORKLOAD ANALYSIS REPORT								PAGE 1
REPORT ID: EZXT0345				SYSPLEX: AEPLEX0A					
SOURCE : SMF 70-1				SYSTEM: AE91					
FROM DATE: yy/08/15				FROM TIME: 08:49:00					
TO DATE: yy/08/31				TO TIME: 14:00:00					
-									
SYSTEM	INTERVAL	INTERVAL	DEFINED	USED	AVG ADDR	MAX ADDR	CPU PCT	STARVATION	
NAME	DATE	TIME	UNITS/S	PERCENT	SPACES BLOCKED	SPACES BLOCKED	FOR PROMOT	THRESHOLD	
0AE91	yy/08/31	12:30:00	5.57	.04	.00		1	.50	60
1 1/07/yy	BLOCKED WORKLOAD ANALYSIS REPORT								PAGE 2
REPORT ID: EZXT0345				SYSPLEX: COOKPLEX					
SOURCE : SMF 70-1				SYSTEM: COOK					
FROM DATE: yy/08/15				FROM TIME: 08:49:00					
TO DATE: yy/08/31				TO TIME: 14:00:00					
-									
SYSTEM	INTERVAL	INTERVAL	DEFINED	USED	AVG ADDR	MAX ADDR	CPU PCT	STARVATION	
NAME	DATE	TIME	UNITS/S	PERCENT	SPACES BLOCKED	SPACES BLOCKED	FOR PROMOT	THRESHOLD	
0COOK	yy/08/15	08:49:00	26.00	12.52	12.74	502	.50	60	
	yy/08/15	08:59:00	26.00	4.94	.10	16	.50	60	

ERXT0360/EZXT0360: WLM Goal Mode Report - Transactions

This report provides information collected by RMF (EXTDATA type R72W) about transactions, as viewed by the Workload Manager. The data is totaled over all available intervals, and broken down by service class period, service class, and workload. Only service classes are reported.

The fields in the report are as follows:

ACTIVE AVG

Average number of transactions active at once.

RESID AVG

Average number of transactions resident in storage at once.

TRANS ENDED

Total number of transactions that ended during the time period covered.

ENDED/SEC

Average number of transactions that ended per second.

TOTAL SWAPS

Total swap count.

TOTAL EXECS

Total count of transactions that completed their execution phases.

AVG INDEP/FORGN/MSYS ENCLAVES

Average number of active independent, foreign, or multi-system enclaves at once.

1 1/07/yy		WLM GOAL MODE REPORT - TRANSACTIONS										PAGE 1
REPORT ID: EZXT0360			SYSPLEX: PLEXC1									
SOURCE : SMF 72-3			POLICY: PLEXT1									
FROM DATE: yy/12/12			FROM TIME: 23:59:00									
TO DATE: yy/12/13			TO TIME: 23:44:00									
WORKLOAD NAME	CLASS NAME	SERVICE PERIOD	ACTIVE AVG	RESID AVG	TRANS ENDED	ENDED /SEC	TOTAL SWAPS	TOTAL EXECS	AVG INDEP ENCLAVES	AVG FORGN ENCLAVES	AVG MSYS ENCLAVES	
0BATCHPRD	BATCHPRD	1	.00	.00	77	.00	8		.00	.00	.00	
BATCHPRD	BATCHPRD		.00	.00	77	.00	8		.00	.00	.00	
0BATCHPRD			.00	.00	77	.00	8		.00	.00	.00	
0BATCHTST	BATCHTST	1	12.74	12.74	28	.00	22		.00	.00	.00	
BATCHTST	BATCHTST		12.74	12.74	28	.00	22		.00	.00	.00	
0BATCHTST	BATSTWLM	1	6.30	6.29	18,247	.21	16,338		.00	.00	.00	
BATCHTST	BATSTWLM	2	11.64	10.80	160,568	1.85	6,615		.00	.00	.00	
BATCHTST	BATSTWLM	3	25.49	22.13	3,936	.04	6,722		.00	.00	.00	
BATCHTST	BATSTWLM		43.44	39.24	182,751	2.11	29,675		.00	.00	.00	
0BATCHTST			56.18	51.98	182,779	2.11	29,697		.00	.00	.00	
0DATABASE	DATABASE	1	60.62	60.61	457	.00	1,908		.00	.00	.00	
DATABASE	DATABASE		60.62	60.61	457	.00	1,908		.00	.00	.00	
0DATABASE	DATABSQ	1	.00	.00	1	.00			.00	.00	.00	
DATABASE	DATABSQ		.00	.00	1	.00			.00	.00	.00	
0DATABASE	DATBSHOT	1	3.97	3.97	49	.00	790		.00	.00	.00	
DATABASE	DATBSHOT		3.97	3.97	49	.00	790		.00	.00	.00	
0DATABASE			64.59	64.59	507	.00	2,698		.00	.00	.00	
0DDFDB2	DDFDB2	1	.27	.27	45,819	.53			.27	.00	.00	
DDFDB2	DDFDB2	2	.13	.13	61	.00			.13	.00	.00	
DDFDB2	DDFDB2	3	.00	.00	1	.00			.00	.00	.00	
DDFDB2	DDFDB2		.40	.40	45,881	.53			.40	.00	.00	
0DDFDB2			.40	.40	45,881	.53			.40	.00	.00	
0DISCRET	DISCRET	1	7.29	7.04	107	.00	2,422		.00	.00	.00	
DISCRET	DISCRET		7.29	7.04	107	.00	2,422		.00	.00	.00	
0DISCRET			7.29	7.04	107	.00	2,422		.00	.00	.00	
0ONLINE	ONLPROD	1	.00	.00	2	.00			.00	.00	.00	
ONLINE	ONLPROD		.00	.00	2	.00			.00	.00	.00	
0ONLINE	ONLTEST	1	38.83	38.82	100	.00	2,761		.00	.00	.00	
ONLINE	ONLTEST		38.83	38.82	100	.00	2,761		.00	.00	.00	
0ONLINE			38.83	38.82	102	.00	2,761		.00	.00	.00	

ERXT0361/EZXT0361: WLM Goal Mode Report - Transaction Times

This report provides information collected by RMF (EXTDATA type R72W) about transaction times, as viewed by WLM. The data is totaled over all available intervals, and broken down by service class period, service class, and workload. Only service classes are reported.

The fields in the report are as follows:

ELAPSED TIME

Average elapsed time of transaction (response time). It includes execution, queued, R/S affinity and ineligible times.

EXECUTION TIME

Average execution time of transaction.

QUEUED TIME

Average time that transaction was delayed due to being on queue (for batch jobs it is time spent on the job queue).

R/S AFFIN TIME

For batch jobs, time for which the job was delayed due to an unavailable resource.

INELIGIBLE TIME

For batch jobs, time for which the job was delayed due to scheduling delays, such as being put on the held queue.

CONVERSION TIME

For batch jobs, time for which the job was delayed due to JCL conversion.

1 1/07/yy		WLM GOAL MODE REPORT - TRANSACTION TIMES							PAGE 1	
REPORT ID: EZXT0361			SYSLEX: PLEXC1							
SOURCE : SMF 72-3			POLICY: PLEXT1							
FROM DATE: yy/12/12			FROM TIME: 23:59:00							
TO DATE: yy/12/13			TO TIME: 23:44:00							
WORKLOAD NAME	CLASS NAME	SERVICE PERIOD	ELAPSED TIME	EXECUTION TIME	QUEUED TIME	R/S AFFIN TIME	INELIGIBLE TIME	CONVERSION TIME		
0BATCHPRD	BATCHPRD	1	1:16.78	1.79	1:04.36	0.17	10.44	0.86		
BATCHPRD	BATCHPRD		1:16.78	1.79	1:04.36	0.17	10.44	0.86		
0BATCHPRD	BATCHPRD		1:16.78	1.79	1:04.36	0.17	10.44	0.86		
0BATCHTST	BATCHTST	1	8:11:29.90	8:11:25.13	4.77	0.00	0.00	0.11		
BATCHTST	BATCHTST		8:11:29.90	8:11:25.13	4.77	0.00	0.00	0.11		
0BATCHTST	BATSTWLM	1	47:59.61	2:49.20	1:15.93	0.24	43:54.23	0.28		
BATCHTST	BATSTWLM	2	5:39.71	6.22	4.99	0.04	5:28.46	0.03		
BATCHTST	BATSTWLM	3	5:06.82	2:22.50	1.56	0.01	2:42.73	0.01		
BATCHTST	BATSTWLM		9:52.61	25.43	12.00	0.06	9:15.11	0.06		
0BATCHTST			9:57.03	29.94	11.99	0.06	9:15.03	0.06		
0DATABASE	DATABASE	1	54:52.75	54:47.27	4.97	0.37	0.13	0.76		
DATABASE	DATABASE		54:52.75	54:47.27	4.97	0.37	0.13	0.76		
0DATABASE	DATABSQ	1	9.93	5.43	1.35	3.14	0.00	2.09		
DATABASE	DATABSQ		9.93	5.43	1.35	3.14	0.00	2.09		
0DATABASE	DATBSHOT	1	39:12.60	39:08.68	1.26	2.65	0.00	1.38		
DATABASE	DATBSHOT		39:12.60	39:08.68	1.26	2.65	0.00	1.38		
0DATABASE			53:15.41	53:10.09	4.60	0.59	0.11	0.83		
0DDFDB2	DDFDB2	1	2.29	0.45	1.83	0.00	0.00	0.00		
DDFDB2	DDFDB2	2	3:54.41	3:53.82	0.58	0.00	0.00	0.00		
DDFDB2	DDFDB2	3	1:26.11	1:17.28	8.83	0.00	0.00	0.00		
DDFDB2	DDFDB2		2.60	0.77	1.83	0.00	0.00	0.00		
0DDFDB2			2.60	0.77	1.83	0.00	0.00	0.00		
0DISCRET	DISCRET	1	1:03:07.20	45:50.92	12:41.52	0.00	4:34.73	0.59		
DISCRET	DISCRET		1:03:07.20	45:50.92	12:41.52	0.00	4:34.73	0.59		
0DISCRET			1:03:07.20	45:50.92	12:41.52	0.00	4:34.73	0.59		
0ONLINE	ONLPROD	1	8.59	1.78	6.80	0.00	0.00	0.00		
ONLINE	ONLPROD		8.59	1.78	6.80	0.00	0.00	0.00		
0ONLINE	ONLTEST	1	6:52:53.59	6:24:55.35	27:46.16	11.25	0.82	1.48		
ONLINE	ONLTEST		6:52:53.59	6:24:55.35	27:46.16	11.25	0.82	1.48		
0ONLINE			6:44:48.00	6:17:22.53	27:13.62	11.02	0.81	1.45		

ERXT0362/EZXT0362: WLM Goal Mode Report - DASD I/O

This report provides information collected by RMF (EXTDATA type R72W) about DASD I/O activity as viewed by WLM. The data is totaled over all available intervals, and broken down by service class period, service class, and workload. Only service classes are reported.

The fields in the report are as follows:

I/O RATE

Average number of start subchannel (SSCH) instructions to DASD per second, for transactions in this class.

RESPONSE AVG TIME

Average DASD total response time for transactions in this class. It is a sum of the times below.

CONNECT/DISCONN AVG TIME

Average DASD connect and disconnect time.

PENDING AVG TIME

Average DASD wait time, excluding IOS queue time.

IOS QUE AVG TIME

Average time spent in IOS queue for DASD.

1 1/07/yy		WLM GOAL MODE REPORT - DASD I/O							PAGE 1	
REPORT ID: EZXT0362		SYSLEX: PLEXC1								
SOURCE : SMF 72-3		POLICY: PLEXT1								
FROM DATE: yy/12/12		FROM TIME: 23:59:00								
TO DATE: yy/12/13		TO TIME: 23:44:00								
WORKLOAD NAME	CLASS NAME	SERVICE PERIOD	I/O RATE	RESPONSE AVG TIME	CONNECT AVG TIME	DISCONN AVG TIME	PENDING AVG TIME	IOS	QUE	
0BATCHPRD	BATCHPRD	1	.11	.0016	.0009	.0003	.0004		.0000	
BATCHPRD	BATCHPRD		.11	.0016	.0009	.0003	.0004		.0000	
0BATCHPRD	BATCHPRD		.11	.0016	.0009	.0003	.0004		.0000	
0BATCHST	BATCHST	1	93.08	.0017	.0008	.0002	.0004		.0003	
BATCHST	BATCHST		93.08	.0017	.0008	.0002	.0004		.0003	
0BATCHST	BATSTWLM	1	327.75	.0010	.0008	.0000	.0002		.0000	
BATCHST	BATSTWLM	2	299.54	.0011	.0009	.0000	.0002		.0000	
BATCHST	BATSTWLM	3	456.28	.0011	.0007	.0001	.0003		.0000	
BATCHST	BATSTWLM		1,083.58	.0010	.0008	.0000	.0002		.0000	
0BATCHST	BATSTWLM		1,176.67	.0013	.0008	.0001	.0003		.0001	
0DATABASE	DATABASE	1	51.66	.0006	.0004	.0000	.0002		.0000	
DATABASE	DATABASE		51.66	.0006	.0004	.0000	.0002		.0000	
0DATABASE	DATABSQA	1	.00	.0010	.0007	.0000	.0003		.0000	
DATABASE	DATABSQA		.00	.0010	.0007	.0000	.0003		.0000	
0DATABASE	DATBSHOT	1	5.68	.0014	.0007	.0002	.0003		.0002	
DATABASE	DATBSHOT		5.68	.0014	.0007	.0002	.0003		.0002	
0DATABASE	DATBSHOT		57.35	.0008	.0005	.0001	.0002		.0000	
0DDFDB2	DDFDB2	1	5.45	.0006	.0003	.0000	.0003		.0000	
DDFDB2	DDFDB2	2	3.41	.0006	.0002	.0001	.0003		.0000	
DDFDB2	DDFDB2	3	.04	.0011	.0009	.0000	.0002		.0000	
DDFDB2	DDFDB2		8.90	.0007	.0003	.0001	.0003		.0000	
0DDFDB2	DDFDB2		8.90	.0007	.0003	.0001	.0003		.0000	
0DISCRET	DISCRET	1	2.95	.0034	.0004	.0002	.0003		.0025	
DISCRET	DISCRET		2.95	.0034	.0004	.0002	.0003		.0025	
0DISCRET	DISCRET		2.95	.0034	.0004	.0002	.0003		.0025	
0ONLINE	ONLPROD	1	.00	.0012	.0010	.0000	.0002		.0000	
ONLINE	ONLPROD		.00	.0012	.0010	.0000	.0002		.0000	
0ONLINE	ONLTEST	1	22.44	.0013	.0006	.0004	.0002		.0001	
ONLINE	ONLTEST		22.44	.0013	.0006	.0004	.0002		.0001	
0ONLINE	ONLTEST		22.44	.0013	.0006	.0004	.0002		.0001	

ERXT0363/EZXT0363: WLM Goal Mode Report - Service Units Consumed

Note: This report, which is broken down by service class and service class period, and supports specialty processors, replaces report EZXT0157, Service Unit Usage Rates.

This report provides information collected by RMF (EXTDATA type R72W) about service consumed as viewed by WLM. The data is totaled over all available intervals, and broken down by service class period, service class, and workload. Only service classes are reported.

The fields in the report are as follows:

CPU MSU

Total CPU service (in millions service units) consumed by work in this class. This excludes the zIIP and zAAP processors, and also excludes non-preemptible SRB service.

ZAAP/zIIP MSU

Total zAAP and zIIP service (in millions of service units) consumed by work in this class.

I/O MSU

Total input/output service (in millions of service units) consumed by work in this class.

STRG MSU

Total main storage service (in millions of service units) consumed by work in this class.

SRB MSU

Total non-preemptible SRB CPU service (in millions of service units) consumed by work in this class.

TOTAL MSU

Sum of all above service consumed.

AVG SU/S

Average amount of total service per second consumed, in service units.

SERVICE ABSRPTN

Absorption rate, that is, the average amount of total service consumed per second by in-storage resident transactions.

TRANSCT SERVICE

Average amount of total service consumed per second by all active transactions.

1 1/07/yy		WLM GOAL MODE REPORT - SERVICE UNITS CONSUMED										PAGE 1	
REPORT ID: EZXT0363		SYSPLEX: PLEXC1											
SOURCE : SMF 72-3		POLICY: PLEXT1											
FROM DATE: yy/12/12		FROM TIME: 23:59:00											
TO DATE: yy/12/13		TO TIME: 23:44:00											
WORKLOAD NAME	CLASS NAME	SERVICE PERIOD	CPU MSU	ZAAP MSU	ZIIP MSU	I/O MSU	STRG MSU	SRB MSU	TOTAL MSU	AVG SU/S	SERVICE ABRPRTN	TRANSC SERVICE	
0BATCHPRD	BATCHPRD	1	.136	.000	.000	.008	.026	.003	.174	2	1,423	1,423	
BATCHPRD	BATCHPRD		.136	.000	.000	.008	.026	.003	.174	2	1,423	1,423	
0BATCHPRD	BATCHPRD		.136	.000	.000	.008	.026	.003	.174	2	1,423	1,423	
0BATCHTST	BATCHTST	1	218.916	.001	.000	4.141	3,869.390	6.464	4,098.914	47,441	3,723	3,723	
BATCHTST	BATCHTST		218.916	.001	.000	4.141	3,869.390	6.464	4,098.914	47,441	3,723	3,723	
0BATSTWLM	BATSTWLM	1	296.211	.000	.000	18.324	175.269	8.244	498.050	5,764	915	914	
BATSTWLM	BATSTWLM	2	237.180	.000	.030	20.982	195.838	10.044	464.075	5,371	496	461	
BATSTWLM	BATSTWLM	3	539.417	.070	.436	52.007	1,508.734	16.362	2,117.028	24,502	1,107	961	
BATSTWLM	BATSTWLM		1,072.808	.070	.467	91.314	1,879.843	34.650	3,079.154	35,638	908	820	
0BATCHTST	BATCHTST		1,291.725	.072	.467	95.456	5,749.233	41.114	7,178.069	83,080	1,598	1,478	
0DATABASE	DATABASE	1	16.824	.000	.048	2.293	14.770	3.950	37.887	438	7	7	
DATABASE	DATABASE		16.824	.000	.048	2.293	14.770	3.950	37.887	438	7	7	
0DATABASE	DATABSQA	1	.000	.000	.000	.000	.000	.000	.001		233	233	
DATABASE	DATABSQA		.000	.000	.000	.000	.000	.000	.001		233	233	
0DATABASE	DATBSHOT	1	9.178	.000	2.437	.302	141.731	1.494	155.144	1,795	451	451	
DATABASE	DATBSHOT		9.178	.000	2.437	.302	141.731	1.494	155.144	1,795	451	451	
0DATABASE	DATABASE		26.003	.000	2.486	2.596	156.501	5.444	193.032	2,234	34	34	
0DDFDB2	DDFDB2	1	2.028	.000	1.417	.000	.000	.000	3.445	39	147	147	
DDFDB2	DDFDB2	2	1.138	.000	1.393	.000	.000	.000	2.531	29	212	212	
DDFDB2	DDFDB2	3	.056	.000	.068	.000	.000	.000	.125	1	2,145	2,145	
DDFDB2	DDFDB2		3.223	.000	2.878	.000	.000	.000	6.102	70	172	172	
0DDFDB2	DDFDB2		3.223	.000	2.878	.000	.000	.000	6.102	70	172	172	
0DISCRET	DISCRET	1	3.969	.000	.000	.138	1.224	.224	5.556	64	9	8	
DISCRET	DISCRET		3.969	.000	.000	.138	1.224	.224	5.556	64	9	8	
0DISCRET	DISCRET		3.969	.000	.000	.138	1.224	.224	5.556	64	9	8	
0ONLINE	ONLPROD	1	.001	.000	.000	.000	.000	.000	.002		3,295	3,295	
ONLINE	ONLPROD		.001	.000	.000	.000	.000	.000	.002		3,295	3,295	
0ONLINE	ONLTEST	1	267.386	.000	.000	.882	159.902	4.990	433.161	5,013	129	129	
ONLINE	ONLTEST		267.386	.000	.000	.882	159.902	4.990	433.161	5,013	129	129	
0ONLINE	ONLTEST		267.387	.000	.000	.882	159.902	4.990	433.163	5,013	129	129	

ERXT0364/EZXT0364: WLM Goal Mode Report - Service Times

This report provides information collected by RMF (EXTDATA type R72W) about service times, as viewed by WLM. The data is totaled over all available intervals, and broken down by service class period, service class, and workload. Only service classes are reported.

The fields in the report are as follows:

CPU TIME

Total CPU time (in seconds) consumed by work in this class. This excludes the zIIP and zAAP processors, and also excludes non-preemptible SRB service.

SRB TIME

Total non-preemptible SRB service time (in seconds) consumed by work in this class.

RCT TIME

Total region control task time (in seconds) consumed by work in this class.

I/O INT TIME

Total I/O interrupt time (in seconds) consumed by work in this class.

HST TIME

Total hyperspace service time (in seconds) consumed by work in this class.

ZAAP/ZIIP TIME

Total time (in seconds) spent by work on zAAP and zIIP specialty processors (unnormalized).

PROM TIME

Total time (in seconds) spent by work with promoted dispatching priority.

CPU %TIME

Percentage of CPU time (excluding zAAP and zIIP processors) used by work in this class. It may be higher than 100%, because the work may get executed on multiple processors.

CP AAP/IIP %TIME

Percentage of CPU time used for zAAP and zIIP eligible work. These values are included in CPU %TIME.

ZAAP/ZIIP %TIME

Percentage of zAAP and zIIP processor time used by work in this class. This includes only work that ran on special processors, not on CP.

1 1/07/yy		WLM GOAL MODE REPORT - SERVICE TIMES										PAGE 1				
REPORT ID: EZXT0364		SYSPLEX: PLEXC1														
SOURCE : SMF 72-3		POLICY: PLEXT1														
FROM DATE: yy/12/12		FROM TIME: 23:59:00														
TO DATE: yy/12/13		TO TIME: 23:44:00														
WORKLOAD NAME	CLASS NAME	SERVICE PERIOD	CPU TIME	SRB TIME	RCT TIME	I/O INT TIME	HST TIME	ZAAP TIME	ZIIP TIME	PROM TIME	CPU %TIME	CP AAP %TIME	CP IIP %TIME	ZAAP %TIME	ZIIP %TIME	
0BATCHPRD	BATCHPRD	1	4.99	0.12	0.01	0.00	0.00	0.00	0.00	0.00	.00	.00	.00	.00	.00	
BATCHPRD	BATCHPRD		4.99	0.12	0.01	0.00	0.00	0.00	0.00	0.00	.00	.00	.00	.00	.00	
0BATCHPRD	BATCHPRD		4.99	0.12	0.01	0.00	0.00	0.00	0.00	0.00	.00	.00	.00	.00	.00	
0BATCHTST	BATCHTST	1	7962.92	235.10	0.00	40.81	0.00	0.04	0.00	0.00	9.53	.00	.00	.00	.00	
BATCHTST	BATCHTST		7962.92	235.10	0.00	40.81	0.00	0.04	0.00	0.00	9.53	.00	.00	.00	.00	
0BATCHTST	BATSTWLM	1	10876.95	302.89	12.18	170.56	0.68	0.00	0.02	0.00	13.15	.00	.00	.00	.00	
BATCHTST	BATSTWLM	2	8727.64	368.70	2.23	169.34	2.46	0.00	1.12	0.00	10.72	.00	.00	.00	.00	
BATCHTST	BATSTWLM	3	19933.72	601.70	2.16	207.04	11.89	2.56	16.24	0.00	24.02	.00	.00	.00	.01	
BATCHTST	BATSTWLM		39538.32	1273.30	16.57	546.94	15.03	2.57	17.40	0.00	47.90	.00	.00	.00	.02	
0BATCHTST	BATSTWLM		47501.25	1508.40	16.57	587.75	15.03	2.61	17.40	0.00	57.44	.00	.00	.00	.02	
0DATABASE	DATABASE	1	623.30	145.72	0.40	25.12	0.00	0.00	1.82	0.00	.91	.00	.00	.00	.00	
DATABASE	DATABASE		623.30	145.72	0.40	25.12	0.00	0.00	1.82	0.00	.91	.00	.00	.00	.00	
0DATABASE	DATABSQ	1	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.00	.00	.00	.00	.00	
DATABASE	DATABSQ		0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.00	.00	.00	.00	.00	
0DATABASE	DATBSHOT	1	340.28	55.37	0.03	2.98	1.47	0.00	89.04	0.00	.46	.00	.00	.00	.10	
DATABASE	DATBSHOT		340.28	55.37	0.03	2.98	1.47	0.00	89.04	0.00	.46	.00	.00	.00	.10	
0DATABASE	DATBSHOT		963.63	201.09	0.43	28.10	1.47	0.00	90.86	0.00	1.38	.00	.00	.00	.10	
0DDFDB2	DDFDB2	1	75.13	0.00	0.00	0.00	0.00	0.00	52.23	0.00	.08	.00	.00	.00	.06	
DDFDB2	DDFDB2	2	41.36	0.00	0.00	0.00	0.00	0.00	50.64	0.00	.04	.00	.00	.00	.05	
DDFDB2	DDFDB2	3	2.10	0.00	0.00	0.00	0.00	0.00	2.54	0.00	.00	.00	.00	.00	.00	
DDFDB2	DDFDB2		118.61	0.00	0.00	0.00	0.00	0.00	105.43	0.00	.13	.00	.00	.00	.12	
0DDFDB2	DDFDB2		118.61	0.00	0.00	0.00	0.00	0.00	105.43	0.00	.13	.00	.00	.00	.12	
0DISCRET	DISCRET	1	146.66	8.30	1.02	0.86	0.00	0.00	0.00	0.00	.18	.00	.00	.00	.00	
DISCRET	DISCRET		146.66	8.30	1.02	0.86	0.00	0.00	0.00	0.00	.18	.00	.00	.00	.00	
0DISCRET	DISCRET		146.66	8.30	1.02	0.86	0.00	0.00	0.00	0.00	.18	.00	.00	.00	.00	
0ONLINE	ONLPROD	1	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.00	.00	.00	.00	.00	
ONLINE	ONLPROD		0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.00	.00	.00	.00	.00	
0ONLINE	ONLTEST	1	9951.71	183.47	1.82	11.42	0.00	0.00	0.00	0.00	11.74	.00	.00	.00	.00	
ONLINE	ONLTEST		9951.71	183.47	1.82	11.42	0.00	0.00	0.00	0.00	11.74	.00	.00	.00	.00	
0ONLINE	ONLTEST		9951.76	183.47	1.82	11.42	0.00	0.00	0.00	0.00	11.74	.00	.00	.00	.00	

ERXT0365/EZXT0365: WLM Goal Mode Report - Storage and Page-in Rates

This report provides information collected by RMF (EXTDATA type R72W) about paging and storage as viewed by WLM. The data is totaled over all available intervals, and broken down by service class period, service class, and workload. Only service classes are reported.

The fields in the report are as follows:

AVG TRANS STORAGE

Average number of central and expanded storage pages used by each transaction.

TOTAL STORAGE

Average number of central and expanded storage pages used by work in this class.

SHARED STORAGE

Average number of shared pages used by work in this class.

SINGLE PGIN RT

Average page-in rate (number of pages loaded into central storage per second).

BLOCK PGIN RT

Average page-in rate of blocked pages.

SHARED PGIN RT

Average page-in rate of shared pages.

HIPSPC PGIN RT

Average page-in rate of hiperspace pages.

1 1/07/yy			WLM GOAL MODE REPORT - STORAGE AND PAGE-IN RATES							PAGE 1	
REPORT ID: EZXT0365			SYSPLEX: PLEXC1								
SOURCE : SMF 72-3			POLICY: PLEXT1								
FROM DATE: yy/12/12			FROM TIME: 23:59:00								
TO DATE: yy/12/13			TO TIME: 23:44:00								
WORKLOAD NAME	CLASS NAME	SERVICE PERIOD	AVG TRANS STORAGE	TOTAL STORAGE	SHARED STORAGE	SINGLE PGIN RT	BLOCK PGIN RT	SHARED PGIN RT	HIPSPC PGIN RT		
0BATCHPRD	BATCHPRD	1	596.03			.01	.00	.00	.00		
BATCHPRD	BATCHPRD		596.03			.01	.00	.00	.00		
0BATCHPRD	BATCHPRD		596.03			.01	.00	.00	.00		
0BATCHTST	BATCHTST	1	22,090.22	281,437	83	.00	.00	.00	.00		
BATCHTST	BATCHTST		22,090.22	281,437	83	.00	.00	.00	.00		
0BATCHTST	BATSTWLM	1	2,176.30	13,707	31	.00	.00	.00	.00		
BATCHTST	BATSTWLM	2	1,282.46	13,860	44	.00	.00	.00	.00		
BATCHTST	BATSTWLM	3	2,536.80	56,150	81	.00	.00	.00	.03		
BATCHTST	BATSTWLM		2,133.45	83,718	157	.00	.00	.00	.02		
0BATCHTST	BATSTWLM		7,024.78	365,156	240	.00	.00	.00	.01		
0DATABASE	DATABASE	1	1,779.31	107,861	214	.00	.00	.00	.00		
DATABASE	DATABASE		1,779.31	107,861	214	.00	.00	.00	.00		
0DATABASE	DATABSQA	1	386.00			.00	.00	.00	.00		
DATABASE	DATABSQA		386.00			.00	.00	.00	.00		
0DATABASE	DATBSHOT	1	4,013.91	15,954	14	.00	.00	.00	.00		
DATABASE	DATBSHOT		4,013.91	15,954	14	.00	.00	.00	.00		
0DATABASE	DATBSHOT		1,916.81	123,816	229	.00	.00	.00	.00		
0DDFDB2	DDFDB2	1	.00			.00	.00	.00	.00		
DDFDB2	DDFDB2	2	.00			.00	.00	.00	.00		
DDFDB2	DDFDB2	3	.00			.00	.00	.00	.00		
DDFDB2	DDFDB2		.00			.00	.00	.00	.00		
0DDFDB2	DDFDB2		.00			.00	.00	.00	.00		
0DISCRET	DISCRET	1	1,704.82	12,011	29	.00	.00	.00	.00		
DISCRET	DISCRET		1,704.82	12,011	29	.00	.00	.00	.00		
0DISCRET	DISCRET		1,704.82	12,011	29	.00	.00	.00	.00		
0ONLINE	ONLPROD	1	321.63			.00	.00	.00	.00		
ONLINE	ONLPROD		321.63			.00	.00	.00	.00		
0ONLINE	ONLTEST	1	2,855.19	110,842	225	.00	.01	.00	.00		
ONLINE	ONLTEST		2,855.19	110,842	225	.00	.01	.00	.00		
0ONLINE	ONLTEST		2,855.19	110,842	225	.00	.01	.00	.00		

ERXT0366/EZXT0366: WLM Goal Mode Report - Performance Analysis by Workload

This report provides information collected by RMF (EXTDATA type R72W) about performance goals and actual performance as viewed by WLM. The data is totaled over all available intervals, and broken down by service class period, service class, and workload. Only service classes are reported.

This report can be used as an overview of service classes that don't meet their goals and need to be tuned.

The fields in the report are as follows:

IMPORTANCE

Workload importance.

GOAL TYPE

Type of goal: RESPPCNT (response time percentile), RESPAVG (average response time), EXECVEL (execution velocity), DISCRET (discretionary) or SYSTEM. MIXED on the total line means that the goals are different, so some summary values may not make sense.

COMPLTD TRANS

Total number of transactions completed over the period covered.

PERF INDEX

Number indicating if the goal is met and how well. If less than or equal to 1, the goal is being met (the less the better). If greater than 1, the goal is not being met.

Note: For response time percentile goal, the performance index is computed differently than WLM computes it, but the above still holds.

AVG RESP TIME

Average transaction response time.

GOAL RESP TIME

Goal transaction response time. For average response time goal, this is the target average transaction response time. For response time percentile goal, this is the time that the defined percentage of transactions must attain in order to satisfy the goal. This number is not defined for other goal types.

RESP PCT

Response time percentile. This is the percentage of transactions that have response time lower than the goal response time.

Note: The goal response time is defined differently depending on the goal type.

GOAL PCT

Goal response time percentile. It is the goal value for response time percentile, and is only defined for response time percentile goal.

EXEC VEL

Actual execution velocity. It is the percentage of time that was spent doing useful work to total time.

GOAL VEL

Goal execution velocity, only defined if the workload has execution velocity goal.

USING/DELAY SAMPS

Percentages of samples during which this work was found executing and found delayed.

AVG ADDR SPACES

Average number of address spaces active at one time for this work.

1 1/07/yy		WLM GOAL MODE REPORT - PERFORMANCE ANALYSIS BY WORKLOAD										PAGE 1			
REPORT ID: EZXT0366		SYSPLEX: PLEXC1													
SOURCE : SMF 72-3		POLICY: PLEXT1													
FROM DATE: yy/12/12		FROM TIME: 23:59:00													
TO DATE: yy/12/13		TO TIME: 23:44:00													
WORKLOAD NAME	CLASS NAME	SERVICE PERIOD	GOAL IMPORTANCE	COMPLTD TYPE	PERF TRANS	AVG RESP INDEX	GOAL RESP TIME	RESP PCT	GOAL PCT	EXEC VEL	GOAL VEL	USING SAMPS	DELAY SAMPS	AVG ADDR SPACES	
0BATCHPRD	BATCHPRD	1	LOW	EXECVEL	77	150.0	1:16.78			0.1	15.0	0.1	97.6	0.3	
BATCHPRD	BATCHPRD		LOW	EXECVEL	77	150.0	1:16.78			0.1	15.0	0.1	97.6	0.3	
0BATCHPRD			LOW	EXECVEL	77	150.0	1:16.78			0.1	15.0	0.1	97.6	0.3	
0BATCHTST	BATCHTST	1	VLOW	EXECVEL	28	50.0	8:11:29.90			0.2	10.0	0.2	87.4	7.9	
BATCHTST	BATCHTST		VLOW	EXECVEL	28	50.0	8:11:29.90			0.2	10.0	0.2	87.4	7.9	
0BATCHTST	BATSTWLM	1	MED	EXECVEL	18247	9.6	47:59.61			3.1	30.0	0.0	1.4	0.4	
BATCHTST	BATSTWLM	2	LOW	EXECVEL	160568	5.4	5:39.71			3.7	20.0	2.1	55.1	41.2	
BATCHTST	BATSTWLM	3	VLOW	EXECVEL	3936	20.0	5:06.82			0.5	10.0	0.4	91.8	10.8	
BATCHTST	BATSTWLM		MED	EXECVEL	182751	20.0	9:52.61			1.0	20.0	0.1	13.5	7.1	
0BATCHTST			LOW	EXECVEL	182779	25.0	9:57.03			0.7	17.5	0.1	18.2	10.9	
0DATABASE	DATABASE	1	MED	EXECVEL	457	2.2	54:52.75			9.0	20.0	0.0	0.9	47.7	
DATABASE	DATABASE		MED	EXECVEL	457	2.2	54:52.75			9.0	20.0	0.0	0.9	47.7	
0DATABASE	DATABSQ	1	MED	EXECVEL	1	999.0	9.93				25.0	0.0	24.1	0.2	
DATABASE	DATABSQ		MED	EXECVEL	1	999.0	9.93				25.0	0.0	24.1	0.2	
0DATABASE	DATBSHOT	1	HIGH	EXECVEL	49	0.7	39:12.60			39.9	30.0	0.2	0.3	47.7	
DATABASE	DATBSHOT		HIGH	EXECVEL	49	0.7	39:12.60			39.9	30.0	0.2	0.3	47.7	
0DATABASE			HIGH	EXECVEL	507	2.4	53:15.41			10.3	25.0	0.1	0.8	95.8	
0DDFDB2	DDFDB2	1	MED	RESPPCNT	45819	0.8	2.29	5.00	99.4	80.0	31.8	2.0	4.4	28.1	
DDFDB2	DDFDB2	2	LOW	EXECVEL	61	1.2	3:54.41			24.8	30.0	1.9	6.0	5.3	
DDFDB2	DDFDB2	3	NONE	DISCRET	1	1.0	1:26.11			39.7		12.3	18.6	0.2	
DDFDB2	DDFDB2		MED	MIXED	45881	0.0	2.60			99.3	29.2	2.0	4.9	33.7	
0DDFDB2			MED	MIXED	45881	0.0	2.60			99.3	29.2	2.0	4.9	33.7	
0DISCRET	DISCRET	1	NONE	DISCRET	107	1.0	1:03:07.20					0.0	56.8	30.9	
DISCRET	DISCRET		NONE	DISCRET	107	1.0	1:03:07.20					0.0	56.8	30.9	
0DISCRET			NONE	DISCRET	107	1.0	1:03:07.20					0.0	56.8	30.9	
0ONLINE	ONLPROD	1	MED	EXECVEL	2	999.0	8.59				25.0	0.0	62.8	0.2	
ONLINE	ONLPROD		MED	EXECVEL	2	999.0	8.59				25.0	0.0	62.8	0.2	
0ONLINE	ONLTEST	1	MED	EXECVEL	100	1.0	6:52:53.59			14.7	15.0	0.3	1.9	46.4	
ONLINE	ONLTEST		MED	EXECVEL	100	1.0	6:52:53.59			14.7	15.0	0.3	1.9	46.4	
0ONLINE			MED	EXECVEL	102	1.0	6:44:48.00			14.7	15.1	0.3	1.9	46.9	

ERXT0367/EZXT0367: WLM Goal Mode Report - Execution Delays

This report provides information collected by RMF (EXTDATA type R72W) about execution delays as viewed by WLM. The data is totaled over all available intervals, and broken down by service class period, service class, and workload. Only service classes are reported.

This report can be used to understand causes of delays in service classes that are missing their goals.

The fields in the report are as follows:

EXEC VEL

Execution velocity.

CPU/ZAAP/ZIIP USING

Percentage of samples during which the work was using CPs or ZAAPs or zIIPs.

I/O USING

Percentage of samples during which the work was doing I/O.

CRYPT USING

Percentage of samples during which the work was using cryptographic processors.

UKNWN SAMPS

Percentage of unknown samples.

IDLE SAMPS

Percentage of samples during which the work was idle.

QUISC SAMPS

Percentage of samples during which the work was quiesced by RESET command.

TOTAL DELAY

Percentage of all delay samples.

CPU DELAY

Percentage of samples during which the work was waiting for CPU to be dispatched or waiting for lock.

CPCAP DELAY

Percentage of samples during which the work was delayed due to CPU capping.

SWAP DELAY

Percentage of samples during which the work was delayed due to swap-in.

PAGE DELAY

Percentage of samples during which the work was delayed due to paging.

I/O DELAY

Percentage of samples during which the work was delayed due to DASD I/O.

SRVQU DELAY

Percentage of samples during which the work was waiting in the server queue.

CRYPT DELAY

Percentage of samples during which the work was waiting for cryptographic processors.

1 1/07/yy		WLM GOAL MODE REPORT - EXECUTION DELAYS														PAGE 1			
REPORT ID: EZXT0367		SYSLEX: PLEXC1																	
SOURCE : SMF 72-3		POLICY: PLEXT1																	
FROM DATE: yy/12/12		FROM TIME: 23:59:00																	
TO DATE: yy/12/13		TO TIME: 23:44:00																	
WORKLOAD NAME	CLASS NAME	SERVICE PERIOD	EXEC VEL	CPU USING	ZAAP USING	ZIIP USING	I/O USING	CRYPT USING	UKNWN SAMPS	IDLE SAMPS	QUISC SAMPS	TOTAL DELAY	CPU DELAY	CPCAP DELAY	SWAP DELAY	PAGE DELAY	I/O DELAY	SRVQU DELAY	CRYPT DELAY
0BATCHPRD	BATCHPRD	1	0.1						1.9			97.6	0.9						96.7
BATCHPRD	BATCHPRD		0.1						1.9			97.6	0.9						96.7
0BATCHPRD			0.1						1.9			97.6	0.9						96.7
0BATCHTST	BATCHTST	1	0.2	0.1			0.1			11.9		87.4	87.3					0.1	
BATCHTST	BATCHTST		0.2	0.1			0.1			11.9		87.4	87.3					0.1	
0BATCHTST	BATSTWLM	1	3.1						97.8	0.5		1.4							1.4
BATCHTST	BATSTWLM	2	3.7	0.5			1.6		6.4	33.9		55.0	50.0		4.4			0.6	
BATCHTST	BATSTWLM	3	0.5	0.1			0.3		1.4	5.8		91.7	89.3		2.3			0.1	
BATCHTST	BATSTWLM		1.0						84.3	1.7		13.4	11.9		0.3				1.2
0BATCHTST			0.7						79.0	2.4		18.1	16.7		0.3				1.1
0DATABASE	DATABASE	1	9.0						22.4	76.3		0.8	0.8						
DATABASE	DATABASE		9.0						22.4	76.3		0.8	0.8						
0DATABASE	DATABSQ	1							13.7	62.0		24.0	6.8						17.2
DATABASE	DATABSQ								13.7	62.0		24.0	6.8						17.2
0DATABASE	DATBSHOT	1	39.9				0.1		2.4	96.5		0.2	0.2						
DATABASE	DATBSHOT		39.9				0.1		2.4	96.5		0.2	0.2						
0DATABASE			10.3						20.9	77.8		0.8	0.8						
0DDFDB2	DDFDB2	1	31.8	0.2		0.1	1.7		91.1			4.2	3.6				0.1	0.5	
DDFDB2	DDFDB2	2	24.8	0.3		0.4	1.2		90.2			6.0	5.3				0.3	0.4	
DDFDB2	DDFDB2	3	39.7	3.5		3.9	4.7		63.0			18.5	17.4					1.1	
DDFDB2	DDFDB2		29.2	0.2		0.2	1.5		90.8			4.8	4.2				0.1	0.5	
0DDFDB2			29.2	0.2		0.2	1.5		90.8			4.8	4.2				0.1	0.5	
0DISCRET	DISCRET	1							2.7	40.2		56.7	54.7		2.0				
DISCRET	DISCRET								2.7	40.2		56.7	54.7		2.0				
0DISCRET									2.7	40.2		56.7	54.7		2.0				
0ONLINE	ONLPROD	1							37.1			62.8	5.7						57.1
ONLINE	ONLPROD								37.1			62.8	5.7						57.1
0ONLINE	ONLTEST	1	14.7	0.2					21.3	75.7		1.8	1.8						
ONLINE	ONLTEST		14.7	0.2					21.3	75.7		1.8	1.8						
0ONLINE			14.7	0.2					21.3	75.7		1.8	1.8						

ERXT0368/EZXT0368: WLM Goal Mode Report - Response Time Distribution

Note: This report, which is broken down by service class and service class period, replaces report EZXT0156, Response Time Goal Percentage.

This report provides information collected by RMF (EXTDATA type R72W) about response time distribution as viewed by WLM. The data is totaled over all available intervals, and broken down by service class period, service class, and workload. Only service classes are reported. Only service class periods with average response time goal or percentile response time goal are reported.

The report shows the response time goal and percentages of transactions completed in the given percentage of the goal.

1 1/07/yy		WLM GOAL MODE REPORT - RESPONSE TIME DISTRIBUTION															PAGE 1		
REPORT ID: EZXT0368		SYSPLEX: PLEXC1																	
SOURCE : SMF 72-3		POLICY: PLEXT1																	
FROM DATE: yy/12/12		FROM TIME: 23:59:00																	
TO DATE: yy/12/13		TO TIME: 23:44:00																	
WORKLOAD	CLASS	SERVICE PERIOD	RESPONSE TIME	GOAL	<50%	50-	60-	70-	80-	90-	100-	110-	120-	130-	140-	150-	200-		
NAME	NAME																		
0DDFDB2	DDFDB2	1	5.00	99.38	.02	.01	.03	.00	.02	.01	.01	.00	.00	.00	.00	.22	.13	.10	
DDFDB2	DDFDB2		5.00	99.38	.02	.01	.03	.00	.02	.01	.01	.00	.00	.00	.00	.22	.13	.10	
0DDFDB2			5.00	99.38	.02	.01	.03	.00	.02	.01	.01	.00	.00	.00	.00	.22	.13	.10	
0TSO	TSO	1	.25	87.31	1.23	1.03	.86	.70	.67	.58	.52	.42	.36	.31	1.07	1.75	3.12		
TSO	TSO		.25	87.31	1.23	1.03	.86	.70	.67	.58	.52	.42	.36	.31	1.07	1.75	3.12		
0TSO			.25	87.31	1.23	1.03	.86	.70	.67	.58	.52	.42	.36	.31	1.07	1.75	3.12		
0WEB	PCB_DFT	1	5.00	94.53	.42	.42	.42	.00	.00	.00	1.26	.00	.00	.00	.00	.84	.00	2.10	
WEB	PCB_DFT		5.00	94.53	.42	.42	.42	.00	.00	.00	1.26	.00	.00	.00	.00	.84	.00	2.10	
0WEB			5.00	94.53	.42	.42	.42	.00	.00	.00	1.26	.00	.00	.00	.00	.84	.00	2.10	

ERXT0369/EZXT0369: WLM Goal Mode Report - Performance Analysis by SID

This report provides information collected by RMF (EXTDATA type R72W) about performance goals and actual performance as viewed by WLM.

It has the same fields as report ERXT0366/EZXT0366, but it is broken down differently so it can be used as an example of how to change the other WLM reports. The data is totaled over all available intervals, broken down by each system in the sysplex and report class. Only report classes are reported.

1 1/07/yy		WLM GOAL MODE REPORT - PERFORMANCE ANALYSIS BY SID												PAGE 1	
REPORT ID: EZXT0369				SYSPLEX: PLEXC1											
SOURCE : SMF 72-3				POLICY: PLEXT1											
FROM DATE: yy/12/12				FROM TIME: 23:59:00											
TO DATE: yy/12/13				TO TIME: 23:44:00											
CLASS	SYSTEM	GOAL	COMPLTD	PERF	AVG RESP	GOAL RESP	RESP	GOAL	EXEC	GOAL	USING	DELAY	AVG	ADDR	
NAME	ID	IMPORTANCE	TYPE	TRANS	INDEX	TIME	TIME	PCT	VEL	VEL	SAMPS	SAMPS	SPACES		
OBATCHPRD	CA11	MED	EXECVEL	5643	12.9	24.69			1.6	20.7	1.3	80.3	24.6		
BATCHPRD	CA31	MED	EXECVEL	594	3.9	28.80			5.8	23.1	1.6	25.9	8.6		
BATCHPRD		MED	EXECVEL	6237	12.5	25.08			1.7	21.3	1.3	75.2	32.4		
OBATCHQA	CA11	MED	EXECVEL	10111	2.7	9:35.95			7.4	20.2	0.1	1.2	0.9		
BATCHQA	CA31	MED	EXECVEL	31011	0.6	50.44			30.1	20.4	0.3	0.7	1.5		
BATCHQA		MED	EXECVEL	41122	1.1	2:59.65			18.2	20.3	0.2	0.9	2.4		
OBATCHTST	CA11	LOW	EXECVEL	34568	200.0	25:27.83			0.1	20.0	0.0	21.9	4.1		
BATCHTST	CA31	MED	EXECVEL	44355	7.5	22.71			2.7	20.3	0.0	2.9	1.1		
BATCHTST		MED	EXECVEL	78923	50.2	11:21.95			0.4	20.1	0.0	13.5	5.6		
ODATABASE	CA11	MED	EXECVEL	54	16.6	3:07:03.97			1.2	20.0	0.0	1.1	23.8		
DATABASE	CA31	MED	EXECVEL	403	1.1	37:10.00			17.0	20.0	0.1	0.8	23.8		
DATABASE		MED	EXECVEL	457	2.2	54:52.75			8.7	20.0	0.0	0.9	47.7		
ODATABSQA	CA31	MED	EXECVEL	1	999.0	9.93				25.0	0.0	35.2	0.1		
DATABSQA		MED	EXECVEL	1	999.0	9.93				25.0	0.0	35.2	0.1		
ODATACOM	CA11	LOW	EXECVEL	104	14.4	59.67			1.3	18.8	1.0	73.7	5.9		
DATACOM	CA31	MED	EXECVEL	88	4.4	13.28			4.5	19.8	0.1	3.1	24.6		
DATACOM		MED	EXECVEL	192	10.8	38.40			1.8	19.5	0.3	16.2	31.3		
ODATCMHOT	CA11	HIGH	EXECVEL	10	0.9	2:10:13.01			30.6	30.0	0.0	0.1	23.9		
DATCMHOT	CA31	HIGH	EXECVEL	39	0.7	15:52.50			40.3	30.0	0.3	0.5	23.8		
DATCMHOT		HIGH	EXECVEL	49	0.7	39:12.60			37.9	30.0	0.2	0.3	47.7		
ODDFDB2	CA11	MED	MIXED	313	0.0	49.01		35.4	42.5		3.8	5.1	8.9		
DDFDB2	CA31	MED	MIXED	45568	0.0	2.28		99.7	3.6		0.1	4.9	25.2		
DDFDB2		MED	MIXED	45881	0.0	2.60		99.3	26.4		1.7	5.0	33.8		
ODISCRET	CA11	NONE	DISCRET	74	1.0	27:10.72					0.0	84.2	9.3		
DISCRET	CA31	NONE	DISCRET	33	1.0	2:23:42.93			0.2		0.0	19.5	22.3		
DISCRET		NONE	DISCRET	107	1.0	1:03:07.20					0.0	55.5	30.2		
OIMSIID	CA11	LOW	EXECVEL	49159	1.0	15:53.70			18.1	19.5	0.1	0.5	0.6		
IMSIID	CA31	MED	EXECVEL	7187	0.6	4.31			32.3	21.4	0.0	0.1	0.0		
IMSIID		MED	EXECVEL	56346	1.0	13:52.60			19.4	20.0	0.1	0.4	0.8		
OQMV5	CA11	MED	MIXED	2613	0.0	11:23.44		35.7	0.3		0.0	7.9	65.3		
QMV5	CA31	MED	MIXED	5587	0.0	2:42.59		62.6	2.0		0.0	3.5	66.9		
QMV5		MED	MIXED	8200	0.0	5:28.56		54.0	0.7		0.0	6.0	132.2		

Chapter 33: Miscellaneous Reports

This section contains the following topics:

[ERXT0108/EZXT0108: RJE Report](#) (see page 328)

[ERXT0224/EZXT0224: ACF/VTAM Statistics](#) (see page 329)

[ERXT0244/EZXT0244: Summary of Sysout Transmissions by Node](#) (see page 330)

ERXT0108/EZXT0108: RJE Report

This report displays SSNA and SBSC record information by EXCP usage. It assists in identifying EXCP usage for SNA and BSC activity.

3/01/yy		RJE REPORT							PAGE 1
REPORT ID: EZXT0108									
START DATE	START TIME	LINE NAME	EXCP COUNT	NAK COUNT	DATA CHECKS	TIME OUTS	OTHER ERRORS	REMOTE NAME	
yy/01/04	12:33:58	LINE26	2558	0	0	0	0	RMT2	
yy/01/04	12:34:27	LINE26	16	0	0	0	0	RMT2	
yy/01/04	13:15:39		467	0	0	0	0	L11P	
yy/01/04	13:47:45		459	0	0	0	0	A35P	
yy/01/04	13:47:46		7	0	1	0	0	A35P	
yy/01/04	13:48:44		7	0	1	0	0	A35P	
yy/01/04	13:49:07		7	0	1	0	0	A35P	
yy/01/04	13:49:30		7	0	1	0	0	A35P	
yy/01/04	13:49:52		7	0	1	0	0	A35P	
yy/01/04	13:50:16		7	0	1	0	0	A35P	
yy/01/04	13:50:38		7	0	1	0	0	A35P	
yy/01/04	13:51:01		7	0	1	0	0	A35P	
yy/01/04	13:51:24		7	0	1	0	0	A35P	
.	
.	
yy/01/04	13:55:15		7	0	1	0	0	A35P	
yy/01/04	13:55:38		7	0	1	0	0	A35P	
yy/01/04	13:56:01		7	0	1	0	0	A35P	
yy/01/04	13:56:24		7	0	1	0	0	A35P	
yy/01/04	13:56:46		7	0	1	0	0	A35P	
yy/01/04	13:57:08		7	0	1	0	0	A35P	
yy/01/04	13:57:31		7	0	1	0	0	A35P	
yy/01/04	13:57:54		7	0	1	0	0	A35P	
yy/01/04	13:58:17		7	0	1	0	0	A35P	
yy/01/04	13:58:40		7	0	1	0	0	A35P	
yy/01/04	13:59:03		7	0	1	0	0	A35P	
yy/01/04	13:59:26		7	0	1	0	0	A35P	
yy/01/04	13:59:50		206	0	0	0	0	A35P	
yy/01/04	14:19:25		656	0	2	0	0	D27P	
yy/01/04	14:19:27		7	0	1	0	0	D27P	
yy/01/04	14:20:28		7	0	1	0	0	D27P	
yy/01/04	14:20:59		7	0	1	0	0	D27P	
yy/01/04	14:21:24		7	0	1	0	0	D27P	
yy/01/04	14:21:47		7	0	1	0	0	D27P	
yy/01/04	14:22:11		7	0	1	0	0	D27P	
yy/01/04	14:22:34		7	0	1	0	0	D27P	
yy/01/04	14:22:58		7	0	1	0	0	D27P	
yy/01/04	14:23:22		7	0	1	0	0	D27P	
yy/01/04	14:23:45		7	0	1	0	0	D27P	
yy/01/04	14:24:09		7	0	1	0	0	D27P	
yy/01/04	14:24:33		7	0	1	0	0	D27P	
yy/01/04	14:24:55		7	0	1	0	0	D27P	
yy/01/04	14:25:21		7	0	1	0	0	D27P	
yy/01/04	14:25:43		7	0	1	0	0	D27P	
yy/01/04	15:11:42	LINE445	4410	0	0	0	0	RMT4	
GRAND - TOTAL			62889		4368		0	RMT4	

ERXT0224/EZXT0224: ACF/VTAM Statistics

This report shows controlled activity by date and time.

04/02/yy		ACF/VTAM STATISTICS										PAGE 1
SYS ID	CONTROLLER NAME	RECDATE	RECTIME	WRITE CHAN	READ CHAN	ATTNS RECEIVED	ATTNS END READ	INBOUND PIUS	OUTBOUND PIUS	READ BUFFERS USED	NCP SLOWDOWNS	
XAD1	A01H02E	yy/04/03	00:42:53	1590	0	1596	356401	1607	1595	343271	0	
XAD1	A01H02E	yy/04/03	01:42:54	1413	0	1433	341862	1442	1413	288794	0	
XAD1	A01H02E	yy/04/03	02:42:54	1405	0	1422	340908	1436	1409	289719	0	
XAD1	A01H02E	yy/04/03	03:42:54	1491	0	1508	346643	1522	1497	312366	0	
XAD1	A01H02E	yy/04/03	04:42:54	1433	0	1457	346643	1464	1435	300491	0	
XAD1	A01H02E	yy/04/03	05:42:54	1420	0	1447	344985	1455	1425	295774	0	
XAD1	A01H02E	yy/04/03	06:42:54	3339	0	3315	403662	3380	3341	2189380	0	
XAD1	A01H02E	yy/04/03	07:42:54	2718	0	2653	400868	2703	2728	916686	0	
XAD1	A01H02E	yy/04/03	08:42:54	3714	0	3401	744743	3589	3760	1947651	0	
XAD1	A01H02E	yy/04/03	09:42:54	3870	0	3509	521727	3612	3893	1325273	0	
XAD1	A01H02E	yy/04/03	10:42:54	8661	0	7070	705022	7320	8788	2983962	0	
XAD1	A01H02E	yy/04/03	11:42:54	13983	0	10995	923389	11417	14456	5272574	0	
XAD1	A01H02E	yy/04/03	12:42:54	7694	0	6367	714938	6633	7819	2761538	0	
XAD1	A01H02E	yy/04/03	13:42:54	7308	0	6233	637144	6496	7408	3108428	0	
XAD1	A01H02E	yy/04/03	14:42:54	6805	0	6221	744640	6527	6865	2729940	0	
XAD1	A01H02E	yy/04/03	15:42:54	11034	0	9224	1005955	9638	11274	3827377	0	
XAD1	A01H02E	yy/04/03	16:42:54	9294	0	7953	728931	8260	9435	3982645	0	
XAD1	A01H02E	yy/04/03	17:42:54	6266	0	5224	604187	5402	6306	2603587	0	
XAD1	A01H04E	yy/04/03	00:42:53	1310	0	1297	43982	1298	1310	164942	0	
XAD1	A01H04E	yy/04/03	01:42:54	1351	0	1338	45278	1341	1351	170208	0	
XAD1	A01H04E	yy/04/03	02:42:54	1352	0	1342	45430	1343	1353	170566	0	
XAD1	A01H04E	yy/04/03	03:42:54	1334	0	1325	44807	1327	1337	168357	0	
XAD1	A01H04E	yy/04/03	04:42:54	1305	0	1296	43833	1297	1308	164603	0	
XAD1	A01H04E	yy/04/03	05:42:54	1349	0	1339	45278	1341	1351	170208	0	
XAD1	A01H04E	yy/04/03	06:42:54	1286	0	1275	43511	1277	1288	162699	0	
XAD1	A01H04E	yy/04/03	07:42:54	1336	0	1321	44804	1327	1337	168357	0	
XAD1	A01H04E	yy/04/03	08:42:54	1348	0	1339	45307	1341	1352	170208	0	
XAD1	A01H04E	yy/04/03	09:42:54	1336	0	1321	44807	1327	1337	168357	0	
XAD1	A01H04E	yy/04/03	10:42:54	1335	0	1321	44858	1325	1336	168333	0	
XAD1	A01H04E	yy/04/03	11:42:54	1321	0	1310	44304	1312	1322	166480	0	
XAD1	A01H04E	yy/04/03	12:42:54	1333	0	1322	44771	1325	1336	168172	0	
XAD1	A01H04E	yy/04/03	13:42:54	1054	0	1045	36018	1049	1056	134174	0	
XAD1	A01H04E	yy/04/03	14:42:54	1294	0	1284	43554	1287	1297	163459	0	
XAD1	A01H04E	yy/04/03	15:42:54	839	0	829	28322	832	839	106708	0	
XAD1	A01H04E	yy/04/03	16:42:54	836	0	830	28053	830	836	106068	0	
XAD1	A01H04E	yy/04/03	17:42:54	852	0	845	28825	847	854	108585	0	
XAD1	A01H08E	yy/04/03	00:42:53	10356	0	7402	9370544	10537	13416	4273094	0	
XAD1	A01H08E	yy/04/03	01:42:54	2805	0	2633	671931	3411	2907	1471816	0	
XAD1	A01H08E	yy/04/03	02:42:54	4508	0	4014	1698777	5103	5098	2052260	0	
XAD1	A01H08E	yy/04/03	03:42:54	4779	0	4059	1701261	5618	5196	2886984	0	
XAD1	A01H08E	yy/04/03	04:42:54	3440	0	3201	706650	4587	3556	2553871	0	
XAD1	A01H08E	yy/04/03	05:42:54	3410	0	3122	488272	4309	3434	2273794	0	
XAD1	A01H08E	yy/04/03	06:42:54	4252	0	3572	954315	4955	4469	2613474	0	
XAD1	A01H08E	yy/04/03	07:42:54	19034	0	13660	18123906	21790	25937	11077483	0	
XAD1	A01H08E	yy/04/03	08:42:54	34784	0	25507	29571127	39133	46030	20938243	0	
XAD1	A01H08E	yy/04/03	09:42:54	38724	0	28150	36292235	44226	52072	23757323	0	
XAD1	A01H08E	yy/04/03	10:42:54	112810	0	71430	135529790	110409	165813	45335737	0	
XAD1	A01H08E	yy/04/03	11:42:54	85012	0	57019	90776000	89217	121707	43001217	0	
XAD1	A01H08E	yy/04/03	12:42:54	41572	0	26849	46368118	36517	58945	10161000	0	
XAD1	A01H08E	yy/04/03	13:42:54	58034	0	40142	54304922	62197	79927	31152925	0	
XAD1	A01H08E	yy/04/03	14:42:54	84256	0	53646	93794851	81460	121697	34253358	0	
XAD1	A01H08E	yy/04/03	15:42:54	80617	0	58609	73403413	101683	111504	63764675	0	
XAD1	A01H08E	yy/04/03	16:42:54	116431	0	90707	84053983	175707	151321	130937573	0	
XAD1	A01H08E	yy/04/03	17:42:54	20313	0	14913	13587478	24104	25132	15264253	0	

ERXT0244/EZXT0244: Summary of Sysout Transmissions by Node

This report shows transmissions from node to node, detailing the records sent.

10/01/yy		SUMMARY OF SYSOUT TRANSMISSIONS BY NODE		PAGE 1
SYS ID	ORIGINAL NODE	NEXT NODE	LOGICAL RECORDS	
XAD1	USCSFRN	USILDAMA	2197081	
XAD1	USCSFRN		2197081	
XAD1	USILDAMD	FRPARSVX	3961	
		UKSLGHMB	91	
		USILDAMA	921921	
		USILDAMT	97874	
		USILDAVB	304588	
		USILDAVC	2008880	
		USPRNCMC	248664	
XAD1	USILDAMD		3585979	
XAD1	USILDAMT	USILDAMA	453175	
		USILDAMT	24451	
		USI104ME	299	
		USPRNCMC	2011	
XAD1	USILDAMT		479936	
XAD1	USILDAM6	USILDAMA	37474	
		USILDAM6	144	
XAD1	USILDAM6		37618	
XAD1	USILDAVB	UKSLGHMB	10	
		USILDAMA	2039060	
		USILDAVB	3376587	
		USILDAVC	152	
XAD1	USILDAVB		5415809	
XAD1	USILDAVC	UKSLGHMB	204	
		USILDAMA	1580482	
		USILDAVB	3528	
		USILDAVC	5960271	
XAD1	USILDAVC		7544485	
XAD1	USI121ME	USILDAMA	468	
XAD1	USI121ME		468	
XAD1	USI161ME	USI161ME	158	

Chapter 34: CA Earl and CA Easytrieve Macros

CA Easytrieve and CA Earl macros are supplied in the CAJREZTR and CAJZEARL libraries to help you create reports specific to your data center. These macros perform utility functions like converting hex numbers, time functions, and IP addresses. The list below contains the macro names and their intended use.

Note: All of the listed macros have been used somewhere in the sample report programs so you can view them in context with a working example.

This section contains the following topics:

[CA Earl Macros](#) (see page 332)

[CA Easytrieve Macros](#) (see page 334)

CA Earl Macros

IPV6CNVR

Provides a conversion of binary stored IPv6 addresses to printable form. For an example, see ERXT0320.

IPV6WORK

Contains some working fields for the IPV6CNVR conversion macro. For an example, see ERXT0320.

DOW

Converts a reader date from EXTDATA record headers into a day-of-week indicator (1=Monday, 7= Sunday). For an example, see SYSWEEK1.

GETDIFF

Computes the difference (elapsed time) between a start Julian date and time and an end Julian date and time. For an example, see ERXT0002.

GETDIFFS

Provides working fields for the GETDIFF macro.

GTOJUL

Converts a Gregorian date to Julian date format. For an example, see SYSWEEK1.

JARRAY

Provides working fields used by the GTOJUL macro.

RECTOJUL

Converts Gregorian dates in EXTDATA record headers into Julian format. For an example, see ERXT0017.

UNSBIN

Converts unsigned four byte binary fields into printable scaled fields as "B" (bytes), "K" (kilo bytes), or "M" (mega bytes). For an example, see ERXT0256.

SETDATE

Converts a Julian date to a Gregorian date. Contains the DATE_CONVERSION routine. For an example, see ERXT0103.

DEFDATE

Provides working fields for the SETDATE macro.

PPSVLDR

Checks and calculates valid program start time. For an example, see ERXT0049.

JRTIME

Converts seconds to hh:mm:ss format. For an example, see ERXT0022. The CA Easytrieve equivalent macro is TIMEHMSZ.

TIME8, TIMEA, TIMEB, TIMEC, TIMED, TIMEHMS, TIMEHDTH, TIMEMS60, TIMENOP, TIMET, TIMETBWZ

Convert time values found in EXTDATA records to various printable output formats. For examples, see ERXT0217 and ERXT0022

CTIMER

Converts RMF cache time used in ESS reports. For an example, see ERXT0339.

ESSLCPYR, ESSSUMR

Supports the ESS Link Statistics Report. For an example, see ERXT0340.

ESSLSCLR

Provides scaling for the ESS Link Statistics Report. For an example, see ERXT0340.

ESSRSCLR

Provides scaling for the ESS Rank Statistics Report. For an example, see ERXT0341.

RMFINTPR

Computes the maximum and minimum date from RMF interval data and the total time covered. Uses GETDIFF and DATE_CONVERSION routines internally. For an example, see ERXT0360.

RMFINTDR

Provides working fields for the RMFINTPR macro.

CA Easytrieve Macros

IPV6CNVZ

Provides a conversion of binary stored IPv6 addresses to printable form. For an example, see EZXT0320.

GETDIFFZ

Computes the difference (elapsed time) between a start Julian date and time and an end Julian date and time. For an example, see EZXT0002.

GTOJULZ

Converts a Gregorian date to Julian date format.

HEXCONV

Converts hex data to printable character format. For an example, see EZXT0023.

RECTOJLZ

Converts Gregorian dates in EXTDATA record headers into Julian format. For an example, see EZXT0017.

UNSBINZ

Converts unsigned four byte binary fields into printable scaled fields as "B" (bytes), "K" (kilo bytes), or "M" (mega bytes). For an example, see EZXT0256.

JULCONVT

Converts a Julian date to a Gregorian format. For an example, see EZXT0103.

PPSVLDR

Checks and calculates valid program start time. For an example, see EZXT0049.

TIMEHMHZ

Converts time in seconds to hh:mm:ss.th (hundreths of a second) format. For an example, see EZXT0337.

TIMEHMSZ

Converts time in seconds to hh:mm:ss format. For an example, see EZXT0201.

TIMEMS6Z

Converts time in seconds to hh:mm:ss.60 (60ths of a second) format. For an example, see EZXTI001.

CTIMEZ

Converts RMF cache time used in ESS reports. For an example, see EZXT0339.

ESSLCPYZ, ESSSUMZ

Supports the ESS Link Statistics Report. For an example, see EZXT0340.

ESSLSCLZ

Provides scaling for the ESS Link Statistics Report. For an example, see EZXT0340.

ESSRSLZ

Provides scaling for the ESS Rank Statistics Report. For an example, see EZXT0341.

RMFINTPZ

Computes the maximum and minimum date from RMF interval data and the total time covered. Uses GETDIFFZ, JULCONVT, and TIMEHMSZ routines internally. For an example, see EZXT0360.

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