

View/Deliver 14.0
CA RS 2212 Service List

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Service	Description	Type
LU07281	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU07283	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU07385	HIGHER CPU TIME RUNNING SARVERO IN RELEASE 14.0	PTF
LU07851	NEW FEATURE - ONLINE JOB MODE PRIMARY SELECTION BY CLASS	PTF
LU07926	OC4 ABEND IN CLEANUP PROCESS OF CONTROL BLOCK	PTF
LU07960	UNABLE TO REDISTRIBUTE DYNAMIC RPT WITH SAME DEF NAME	PTF
LU07967	NEW FEATURE - DELIVER AUDITING	PTF
LU08082	INTERMITTENT ISSUES IN WEBSPHERE LIBERTY	** PRP **
LU08176	UNABLE TO ACCESS PAGES BEYOND 8,388,607 WITH DRAS AND ONLINE	PTF
The CA RS 2212 service count for this release is 9		

View/Deliver
CA RS 2212 Service List for CBRME00

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FMID	Service	Description	Type
CBRME00	LU07283	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU07385	HIGHER CPU TIME RUNNING SARVERO IN RELEASE 14.0	PTF
	LU07851	NEW FEATURE - ONLINE JOB MODE PRIMARY SELECTION BY CLASS	PTF
	LU07960	UNABLE TO REDISTRIBUTE DYNAMIC RPT WITH SAME DEF NAME	PTF
	LU08176	UNABLE TO ACCESS PAGES BEYOND 8,388,607 WITH DRAS AND ONLINE	PTF
The CA RS 2212 service count for this FMID is 5			

View/Deliver
CA RS 2212 Service List for CBRNE00

FMID	Service	Description	Type
CBRNE00	LU07281	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU07967	NEW FEATURE - DELIVER AUDITING	PTF
The CA RS 2212 service count for this FMID is 2			

View/Deliver
CA RS 2212 Service List for CBY3E00

FMID	Service	Description	Type
CBY3E00	LU07926	OC4 ABEND IN CLEANUP PROCESS OF CONTROL BLOCK	PTF
The CA RS 2212 service count for this FMID is 1			

View/Deliver
CA RS 2212 Service List for CCAFE00

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FMID	Service	Description	Type
CCAFE00	LU08082	INTERMITTENT ISSUES IN WEBSPHERE LIBERTY	** PRP **
The CA RS 2212 service count for this FMID is 1			

Service	Details
LU07281	LU07281 M.C.S. ENTRIES = ++PTF (LU07281) REWORK(2022306) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Deliver Version 14.0 Related Problem: DLVR 18249 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00288-BRM140 DESC(SECURITY OR INTEGRITY PROBLEM). ++VER (Z038) FMID (CBRNE00) PRE (LU03553 S013136) SUP (BC13297 LT07084 LT07281 LU07084)

Service	Details
LU07283	LU07283 M.C.S. ENTRIES = ++PTF (LU07283) REWORK(2022305) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: View Version 14.0 Related Problem: VIEW 18269 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00289-BRM140 DESC(SECURITY OR INTEGRITY PROBLEM). ++VER (Z038) FMID (CBRME00) PRE (LU01858 LU03552 LU04239 S010882 S012369) SUP (GC00179 LT07283)

View/Deliver 14.0
CA RS 2212 - PTF LU07385 Details

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Service	Details
LU07385	LU07385 M.C.S. ENTRIES = ++PTF (LU07385) REWORK(2022306) HIGHER CPU TIME RUNNING SARVERO IN RELEASE 14.0 PROBLEM DESCRIPTION: The CPU time to run the View ERO Table Verification Program (SARVERO) in release 14.0 increased significantly from release 12.2. SYMPTOMS: The View ERO Table Verification Program in release 14.0 runs a little bit slower in release 14.0 and the amount of CPU time has approximately doubled. IMPACT: SARVERO runs slower and cost more to run the program. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: View Version 14.0 Related Problem: VIEW 18336 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00291-BRM140 DESC(HIGHER CPU TIME RUNNING SARVERO IN RELEASE 14.0). ++VER (Z038) FMID (CBRME00) PRE (LU03552) SUP (LT07385)

Service	Details		
LU07851	LU07851 M.C.S. ENTRIES = ++PTF (LU07851) REWORK(2022332) NEW FEATURE - ONLINE JOB MODE PRIMARY SELECTION BY CLASS ENHANCEMENT DESCRIPTION: New enhancement to View to allow primary selection by sysout class from the online facility in job mode. A specific sysout class may be specified to restrict selection to jobs collected with that sysout class. Class may be entered as blank, asterisk (*), or question mark (?) to select all sysout classes. The sysout class of a job is the sysout class of the JESMSG LG, JESJCL, and JESYSMSG data sets. If the JES data sets are not collected, then the sysout class of the first collected data set of the job will be used. PRODUCT(S) AFFECTED: View Version 14.0 Related Problem: VIEW 18700 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00297-BRM140 DESC(NEW FEATURE - ONLINE JOB MODE PRIMARY SELECTION BY CLASS). ++VER (Z038) FMID (CBRME00) PRE (LU01553 LU03552 LU04239 R096730 S004545 S007763 S007827 S008295 S009174 S009495 S012394 S014846 S015476) SUP (LT07851 S012307 ST12307) ++HOLD (LU07851) SYSTEM FMID(CBRME00) REASON (ACTION) DATE (22332) COMMENT (<table border="1"> <tr> <td>View</td><td>Version 14.0</td></tr> </table> SEQUENCE After Apply PURPOSE PURPOSE This APAR includes panel member changes for each of the supported online languages. Load the appropriate language panels to your View databases with the SARDBASE OLOAD utility function. The online panels that are included are: English: SARPT1JA SARPT1JI SARPT1JJ SARP1J SAR52 Canadian-French: SACPT1JA SACPT1JI SACPT1JJ	View	Version 14.0
View	Version 14.0		

Service	Details	
		SACP1J
		SAC52
		Danish:
		SADPT1JA
		SADPT1JI
		SADPT1JJ
		SADP1J
		SAD52
		German:
		SAGPT1JA
		SAGPT1JI
		SAGPT1JJ
		SAGP1J
		SAG52
	+-----+	
	USERS	Product Administrator.
	AFFECTED	
	+-----+	
	KNOWLEDGE	Product Administrator.
	REQUIRED	
	+-----+	
	ACCESS	View database authority to load panels.
	REQUIRED	
	+-----+	

	* STEPS TO PERFORM *	

	1. IMPORTANT NOTE: Be aware that this APAR will replace the indicated panels and your panel customizations may be lost.	
	ACTION: Backup your previous customized panels, and make the necessary customization to the affected panels after installing the APAR, but before doing OLOAD.	
	2. Apply APAR.	
	3. Run SARDBASE OLOAD to load all panels or load the individual panels indicated above.	
	4. Optionally refresh LLA if load library is in the link list.	
	5. Restart View online activity.	
	).	

Service	Details
LU07926	LU07926 M.C.S. ENTRIES = ++PTF (LU07926) REWORK(2022311) OC4 ABEND IN CLEANUP PROCESS OF CONTROL BLOCK PROBLEM DESCRIPTION: During the cleanup process of a low level control block, an SOC4 can occur under rare circumstances. SYMPTOMS: SOC4 abend followed by U0300 abend IMPACT: The task is shut down and must be restarted. CIRCUMVENTION: NONE PRODUCT(S) AFFECTED: Distributed Repository Access System (DRAS) Version 14.0 Related Problem: DRAS 18771 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00028-AHF140 DESC(OC4 ABEND IN CLEANUP PROCESS OF CONTROL BLOCK). ++VER (Z038) FMID (CBY3E00) PRE (LU04557) SUP (LT00221 LT07926 LU00221 S000536 S007029 S013548 ST00536 ST07029 ST13483 ST13548)

Service	Details
LU07960	LU07960 M.C.S. ENTRIES = ++PTF (LU07960) REWORK(2022319) UNABLE TO REDISTRIBUTE DYNAMIC RPT WITH SAME DEF NAME PROBLEM DESCRIPTION: SARBCH INDEX control statement with DYNAMIC=D parameter does not redistribute dynamic report if dynamic report name is the same as the Deliver report definition name. SYMPTOMS: Run of SARBCH with /INDEX ID=name DYNAMIC=D for dynamic report does not give message SARCPI16 indicating report has been redistributed. Instead run may end with SARCPI02 or SARCPI09 message. IMPACT: Unable to redistribute dynamic report after making changes to the report definition. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: View Version 14.0 Related Problem: VIEW 18815 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00299-BRM140 DESC(UNABLE TO REDISTRIBUTE DYNAMIC RPT WITH SAME DEF NAME). ++VER (Z038) FMID (CBRME00) PRE (LU00151 LU03552 LU06897 R095789) SUP (LT07960)

Service	Details
LU07967	LU07967 M.C.S. ENTRIES = ++PTF (LU07967) REWORK(2022315) NEW FEATURE - DELIVER AUDITING ENHANCEMENT DESCRIPTION: This enhancement adds auditing feature to Deliver. When auditing is active, Deliver creates SMF audit records whenever there is a change to distribution, bundle, report, or job definitions made through online panels or by batch utilities, and whenever a user logs in to or logs off from the Deliver online interface. The auditing feature is disabled by default. To enable it, edit your RMOPARMS member and specify a new start-up parameter SMFYPEA=nnn, where nnn is a value in the range 128-1151 that specifies the desired SMF type for the SMF audit records. Specifying SMFYPEA=0 (which is the default value) turns off the feature. When executing the RMOSTC program to make SMFYPEA=nnn change in your RMOPARMS effective, you can now optionally run RMOSTC while specifying PARM='INIT' for it. This will instruct RMOSTC program to only update the database parameters (including SMFYPEA) in the database, and then to terminate, allowing you to easily activate (or deactivate) the auditing for the database for which you do not intent to keep RMOSTC task running, but for which you want to be informed about any changes or online accesses occuring to it (for a test database for example). To do this, add PARM='INIT' to the EXEC statement for the RMOSTC program in your JCL, and then execute it: <pre data-bbox="391 1060 1317 1085">//RMOSTC EXEC PGM=RMOSTC,PARM='INIT'</pre> The new RMOAUDIT report utility formats the SMF audit records and uses them to generate auditing reports. Those can be of two types: Definition Change Activity - Provides information on changes to the Deliver distribution, job, report, and bundle definitions. User Activity - This report documents user logon and logoff activity. The information provided in reports for each event includes date and time, User ID, operation type, database name, system name, access type, and the job name and number. For User Activity, duration of the online session is also provided. For Definition Change Activity, definition ID and type is provided along with the information on which part of the definition changed (with entry counts when applicable), or, in case the definition was renamed, the original definition ID. The type of processing (online or batch) and the name of the program executed is also provided. Note that once the auditing is activated, it will take some time until the SMF audit records accumulate and meaningful auditing reports can be generated from them. Also, there won't be any audit information available for the activity that occurred prior to activating the auditing feature. Job Control Statement for RMOAUDIT utility: ----- Specify the following JCL to execute RMOAUDIT: <pre data-bbox="391 1995 1317 2013">. JOB</pre>

Service	Details
	Initiates the job. . EXEC Specifies the name of the program (PGM=RMOAUDIT). To generate the reports in CSV format, supply PARM='CSV', or PARM='CSV=x' to the RMOAUDIT program. The x value can specify a single character to be used as the delimiter. . SMFIN DD Mandatory, specifies the input file that contains your SMF data. . PRINTER DD Mandatory, specifies the print file to log error messages, record counts, and other information resulting from the job execution. . DEFI DD Must be supplied when Definition Change Activity report is requested. Identifies the file to which the report is written. . USER DD Must be supplied when the User Activity report is requested. Identifies the file to which the report is written. . USERSMF DD Must be supplied when the SMF audit records output is requested. Identifies the file to which the processed SMF records are written. . SORTWK01 DD UNIT=SYSDA,SPACE=(CYL,(10,5),RLSE) SORTWK02 DD UNIT=SYSDA,SPACE=(CYL,(10,5),RLSE) SORTWK03 DD UNIT=SYSDA,SPACE=(CYL,(10,5),RLSE) Mandatory, specifies work datasets needed for SORT processing. Depending on the volume of input data space allocations may need to be adjusted. . SYSIN DD Mandatory, specifies the input parameters to the report program: SMFTYPE=nnnn - Mandatory, specifies the type of SMF audit records to process. Allows specifying value in the range 128-1151. This parameter must be preceded by a slash (/). RPT=USER DEFI FILE - Mandatory, specifies the type of report or file that you want to generate. DATE=mm/dd/yyyy, or DATE=mm/dd/yyyy-mm/dd/yyyy, or TODAY(-n) - Optionally specifies the date range to filter the SMF records. mm specifies the month (01-12), dd specifies the day (01-31), yyyy specifies the year, -n specifies the start of the range as the number of days prior to TODAY. TIME=hh:mm, or TIME=hh:mm-hh:mm - Optionally specifies the time range to filter the records. hh specifies the hour in the range 00-23, mm specifies the minute in the range 00-59. SYSID=xxxx - Optionally specifies the system to filter the SMF records. DEFTYPE=ALL D R J B JR - Optionally specifies the definition types to be included in the Definition Change Activity report: ALL specifies all definitions (default) D specifies only distribution records.

Service	Details
	R specifies only report records. J specifies only job records. B specifies only bundle records. JR specifies only job records along with the reports defined for those jobs. DEFID=xx - Optionally specifies the definition ID of up to 32 characters to filter the SMF records. Allows specifying an asterisk as a wildcard at the end of the value. USERID=xxxxxxx - Optionally specifies the user ID (of up to 8 characters) to filter the SMF records. Allows specifying an asterisk as a wildcard at the end of the value. DBNAME=xxxxxxxxxxxxxxxxxxxxxxxx - Optionally specifies the database name of up to 17 characters to filter the SMF records. Allows specifying an asterisk as a wildcard at the end of the value. Example #1: Producing a Definition Change Activity report from type 129 SMF records generated between 5/6/2022-6/6/2022 for Deliver databases starting with DLVR.PRD*, while including only report records: <pre>/SMFTYPE=129,DATE=05/06/2022-06/06/2022,RPT=DEFI, DBNAME=DLVR.PRD*,DEFTYPE=R</pre> Example #2: Producing a User Activity report from type 129 SMF records generated on 7/5/2022 showing a logon/logoff activity for user SPOCK01: <pre>/SMFTYPE=129,DATE=07/05/2022,RPT=USER,USERID=SPOCK01</pre> This is the sample JCL to run RMOAUDIT program: <pre>//XXXXXXXX JOB ... //AUDIT EXEC PGM=RMOAUDIT //STEPLIB DD DISP=SHR,DSN=DLVR.CVDELOAD //SYSPRINT DD SYSOUT=* //SYSIN DD * /SMFTYPE=129,DATE=05/06/2022-06/06/2022,RPT=DEFI, DBNAME=DLVR.PRD*,DEFTYPE=R /SMFTYPE=129,DATE=07/05/2022,RPT=USER,USERID=SPOCK01 /* //SMFIN DD DISP=SHR,DSN=XXXXXX.XXXXXX.SMFDUMP1 //*USERSMF DD DSN=xxxxxx.xxxxxx.AUDIT.USERSMF1, //* DISP=(,CATLG,DELETE), //* SPACE=(CYL,(3,2),RLSE),UNIT=SYSDA, //* VOL=SER=vvvvvv //DEFI DD SYSOUT=* //USER DD SYSOUT=* //SYSOUT DD SYSOUT=* //PRINTER DD SYSOUT=* //SORTWK01 DD UNIT=SYSDA,SPACE=(CYL,(10,5),RLSE) //SORTWK02 DD UNIT=SYSDA,SPACE=(CYL,(10,5),RLSE) //SORTWK03 DD UNIT=SYSDA,SPACE=(CYL,(10,5),RLSE) //SYSUDUMP DD SYSOUT=* </pre> The sample JCL is also provided as a new RMOAUDIT member in your CAI.CVDEJCL data set.

Service	Details
	PRODUCT(S) AFFECTED: Deliver Version 14.0 Related Problem: DLVR 18122 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00300-BRM140 DESC (NEW FEATURE - DELIVER AUDITING) . ++VER (Z038) FMID (CBRNE00) PRE (LU01737 LU03553 LU03832 LU03891 LU06660 LU07281 S008353 S009496 S013136 S015198 S015584) SUP (LT07084 LT07147 LT07967 LU07084 S008565 ST08565)

Service	Details
LU08082	LU08082 M.C.S. ENTRIES = ++PTF (LU08082) REWORK(2022313) The following items are included in this solution: 1. INTERMITTENT ISSUES IN WEBSPPHERE LIBERTY 2. SECURITY OR INTEGRITY PROBLEM 3. SECURITY OR INTEGRITY PROBLEM ===== INTERMITTENT ISSUES IN WEBSPPHERE LIBERTY PROBLEM DESCRIPTION: When the product is deployed in WebSphere Liberty server, response headers for product REST API requests may be missing or invalid. For example the expected header Content-Encoding:chunked may be missing or have a different value, leading to the inability of the client (for example browser or zowe cli) to interpret the API responses correctly. This problem is timing-sensitive and manifests intermittently depending on product and server configuration and current workload. SYMPTOMS: The product UI is intermittently not working or UI operations result in unexpected errors. Client applications that interact with the product REST API intermittently stop working or produce unexpected errors. IMPACT: Users must refresh the application or re-submit a request when these unexpected errors are encountered. Users of client applications that leverage the REST API must re-submit requests that encounter these unexpected errors. CIRCUMVENTION: Retry the operation in product UI or refresh browser page. Retry the read operation in the client application that interacts with the product REST API, or confirm the actual result of previous write operations using corresponding read operations. PRODUCT(S) AFFECTED: Output Management Web Viewer Version 14.0 Related Problem: DVWEB 18842 ===== SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Output Management Web Viewer Version 14.0 Related Problem:

Service	Details
	DVWEB 18843 ===== SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Output Management Web Viewer Version 14.0 Related Problem: DVWEB 18844 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00301-BRM140 DESC (INTERMITTENT ISSUES IN WEBSPHERE LIBERTY). ++VER (Z038) FMID (CCAFE00) PRE (LU02773 LU03556 LU05268 LU06222 LU06974 R095796 R097299 R098743 S000833 S004736 S005125 S005604 S007570 S008227 S008748 S009485 S010154 S010219 S010240 S010327 S011025 S011199 S011441 S011763 S012768 S013261 S013705 S013818 S014380 S014733 S015006) SUP (AL03858 AL04278 AL05268 AS00833 AS07570 BC04581 BS07570 LT01431 LT01714 LT02101 LT02576 LT03126 LT03672 LT03858 LT03937 LT04278 LT04933 LT05447 LT05877 LT05942 LT06279 LT06710 LT06740 LT07064 LT07427 LT07837 LT07945 LT08082 LU01431 LU01714 LU02576 LU03126 LU03672 LU03858 LU03937 LU04278 LU04933 LU05447 LU05877 LU05942 LU06279 LU06710 LU06740 LU07064 LU07427 LU07837 R099491 S010164 S012642 S015240 S015458 S015559 S015703 S015976 ST09598 ST10164 ST12642 ST15240 ST15458 ST15559 ST15703 ST15976 TR99491) ++HOLD (LU08082) SYSTEM FMID (CCAFE00) REASON (ACTION) DATE (22313) COMMENT (+-----+ Output Management Web Viewer Version 14.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Redeploy Web Viewer WAR/EAR File. +-----+ USERS All users. AFFECTED +-----+

Service	Details
	<pre> KNOWLEDGE Product administration. REQUIRED +-----+-----+ ACCESS Product libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF includes updates to the web-viewer.war and web-viewer.ear files in the Web Viewer installation directory. The updated web-viewer.war/web-viewer.ear must be deployed to your application server. For more information, see the section for your application server in the Web Viewer documentation: - Deploy the Product to a CCS Apache Tomcat Server - Deploy the Product to a WebSphere Application Server - Deploy the Product to a WebSphere Liberty Server). ++HOLD (LU08082) SYSTEM FMID(CCAFE00) REASON (DOC) DATE (22313) COMMENT (+-----+-----+ Output Management Web Viewer Version 14.0 +-----+-----+ ***** * PUBLICATION * ***** This PTF supersedes (SUP) feature PTFs LU03672 and S015458. See the Release Notes in the Web Viewer documentation for more information on new features.). LINK('../web-viewer-utils.jar') PARM(PATHMODE(0,7,5,5),SHAREAS). LINK('../web-viewer.ear') PARM(PATHMODE(0,7,5,5),SHAREAS). LINK('../web-viewer.war') PARM(PATHMODE(0,7,5,5),SHAREAS). </pre>

Service	Details																											
LU08176	LU08176 M.C.S. ENTRIES = ++PTF (LU08176) REWORK(2022334) UNABLE TO ACCESS PAGES BEYOND 8,388,607 WITH DRAS AND ONLINE PROBLEM DESCRIPTION: Web Viewer interface with DRAS displays blank page when pages beyond 8,388,607 of report are accessed. When the same information is accessed from the mainframe online, I/O error may be displayed. SYMPTOMS: No data is displayed when accessing indexed data or navigating to pages beyond 8,388,607 with Web Viewer. DRAS log may contain SARDBI10 message indicating Unexpected end of data. Mainframe online receives I/O error when accessing those pages and HELP command to display long message indicates SARDBI10 error message. IMPACT: Unable to access page data in large report. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: View Version 14.0 Related Problem: VIEW 18870 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00304-BRM140 DESC(UNABLE TO ACCESS PAGES BEYOND 8,388,607 WITH DRAS AND ONLINE). ++VER (Z038) FMID (CBRME00) PRE (LU03552 R097820 S000445) SUP (AC00179 LT08176 S000172 ST00172) <table><tr><td>MCS</td><td>LU07281</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU07283</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU07385</td><td>STARTS ON PAGE 0003</td></tr><tr><td>MCS</td><td>LU07851</td><td>STARTS ON PAGE 0004</td></tr><tr><td>MCS</td><td>LU07926</td><td>STARTS ON PAGE 0007</td></tr><tr><td>MCS</td><td>LU07960</td><td>STARTS ON PAGE 0008</td></tr><tr><td>MCS</td><td>LU07967</td><td>STARTS ON PAGE 0009</td></tr><tr><td>MCS</td><td>LU08082</td><td>STARTS ON PAGE 0014</td></tr><tr><td>MCS</td><td>LU08176</td><td>STARTS ON PAGE 0018</td></tr></table>	MCS	LU07281	STARTS ON PAGE 0002	MCS	LU07283	STARTS ON PAGE 0002	MCS	LU07385	STARTS ON PAGE 0003	MCS	LU07851	STARTS ON PAGE 0004	MCS	LU07926	STARTS ON PAGE 0007	MCS	LU07960	STARTS ON PAGE 0008	MCS	LU07967	STARTS ON PAGE 0009	MCS	LU08082	STARTS ON PAGE 0014	MCS	LU08176	STARTS ON PAGE 0018
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View/Deliver 14.0
CA RS 2212 Product/Component Listing

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Product Family	Product	Release
Traditional Management	CA OUTPUT MANAGEMENT WEB VIEWER	14.00.00
	CA-DELIVER	14.00.00
	CA-EBC OM COMMON DBASE DRIVER	14.00.00
	CA-OM DATA REPOSITORY AGENT SERVICES	14.00.00
	CA-VIEW	14.00.00
The CA RS 2212 Product/Component Count for this release is 5		

CA RS Level	Service	FMID
CAR2212	LU08176	CBRME00
	LU08082	CCAFE00
	LU07967	CBRNE00
	LU07960	CBRME00
	LU07926	CBY3E00
	LU07851	CBRME00
	LU07385	CBRME00
	LU07283	CBRME00
	LU07281	CBRNE00
CAR2211	LU07837	CCAFE00
	LU07491	CCAFE00
	LU07405	CBRME00
CAR2210	LU07427	CCAFE00
	LU07393	CBRNE00
	LU07362	CBRNE00
CAR2209	LU07084	CBRNE00
	LU07074	CBRNE00
	LU07071	CBRNE00
	LU07064	CCAFE00
	LU07021	CBRME00
	LU06974	CCAFE00
	LU06930	CBRNE00
	LU06897	CBRME00
	LU06783	CBRME00
	LU06773	CBRME00
	LU06748	CBRME00
CAR2208	LU06740	CCAFE00
	LU06710	CCAFE00
	LU06660	CBRNE00
	LU06472	CBRME00
CAR2207	LU06330	CBRME00
	LU06279	CCAFE00
	LU06222	CCAFE00
	LU06221	CBRME00
	LU06128	CBRME00
	LU06032	CBROE00
CAR2206	LU06014	CCAFE00
	LU05942	CCAFE00
	LU05936	CCAFE00
	LU05935	CBY3E02
	LU05877	CCAFE00
	LU05864	CCAFE00
CAR2205	LU05447	CCAFE00
	LU05424	CBRME00
	LU05268	CCAFE00
	LU04905	CCAFE00
	LU04904	CBY3E02

CA RS Level	Service	FMID
	LU04865	CBRNE00
	LU04239	CBRME00
	LU03427	CBROE00
CAR2204	LU03891	CBRNE00
CAR2203	LU04933	CCAFE00
	LU04557	CBY3E00
	LU04278	CCAFE00
	LU04215	CBRME00
	LU03832	CBRNE00
	LU03828	CBROE00
CAR2201	LU03937	CCAFE00
	LU03858	CCAFE00
	LU03825	CBROE00
	LU03672	CCAFE00
	LU03671	CBROE00
	LU02507	CBRNE00
CAR2112	LU03556	CCAFE00
	LU03555	CBY3E02
	LU03554	CBROE00
	LU03553	CBRNE00
	LU03552	CBRME00
	LU03126	CCAFE00
CAR2111	LU03248	CBRME00
	LU03015	CBRME00
	LU03014	CBRNE00
	LU02962	CBRNE00
	LU02653	CBRME00
CAR2110	LU02773	CCAFE00
	LU02772	CBRME00
	LU02593	CBRME00
	LU02576	CCAFE00
	LU00941	CCAFE00
CAR2109	LU02394	CBROE00
	LU02301	CBRME00
	LU01858	CBRME00
CAR2108	LU02198	CBRME00
	LU02025	CBRME00
	LU01865	CBRME00
	LU01737	CBRNE00
CAR2107	LU01735	CBY3E00
	LU01714	CCAFE00
	LU01681	CBROE00
	LU01553	CBRME00
	LU01431	CCAFE00
	LU01430	CCAFE00
CAR2106	LU01416	CBRNE00
	LU01413	CBRME00

CA RS Level	Service	FMID
	LU01048	CCAFE00
	LU01032	CBRME00
	LU00151	CBRME00
CAR2105	LU00899	CBRME00
	LU00824	CBRME00
CAR2104	LU00401	CBRME00
CAR2103	LU00221	CBY3E00
	LU00211	CBRME00
CAR2102	S016265	CBRNE00
	S016211	CBY3E00
	S015976	CCAFE00
	S015703	CCAFE00
CAR2101	S015886	CCAFE00
	S015842	CBRME00
	S015769	CBRME00
	S015706	CBRME00
	S015584	CBRNE00
CAR2012	S015559	CCAFE00
	S015476	CBRME00
	S015458	CCAFE00
	S015321	CBRME00
CAR2011	S015318	CCAFE00
	S015258	CBROE00
	S015240	CCAFE00
	S015198	CBRNE00
	S015197	CBROE00
	S015196	CCAFE00
	S015195	CBY3E02
	S015194	CBRME00
	S015112	CBROE00
	S015007	CBRME00
	S015006	CCAFE00
	S014943	CBRME00
	S014806	CBRNE00
	S014553	CBY3E02
	S013632	CBRME00
CAR2010	S014846	CBRME00
	S014733	CCAFE00
CAR2009	S014579	CBRME00
	S014543	CBROE00
	S014497	CBRME00
	S014380	CCAFE00
	S014379	CBRME00
CAR2008	S014063	CBRNE00
	S014058	CBRNE00
	S013818	CCAFE00
	S013817	CBRME00

CA RS Level	Service	FMID
	S013174	CBROE00
CAR2007	S013705	CCAFE00
	S013548	CBY3E00
	S013541	CBRME00
	S013301	CBROE00
	S013266	CBRME00
CAR2006	S013261	CCAFE00
	S013136	CBRNE00
	S013131	CBRME00
	S013065	CBRNE00
	S012768	CCAFE00
	S012767	CBRME00
CAR2005	S012642	CCAFE00
	S012572	CBROE00
CAR2004	S012394	CBRME00
	S012369	CBRME00
	S012307	CBRME00
	S011986	CBRME00
	S011800	CBRME00
CAR2003	S012040	CBY3E00
	S011353	CBROE00
CAR2002	S011763	CCAFE00
	S011582	CBRNE00
	S011540	CBRME00
	S011531	CBRNE00
	S011526	CBRNE00
	S011483	CBRME00
	S011441	CCAFE00
	S011242	CBRME00
CAR2001	S011304	CBRNE00
	S011199	CCAFE00
	S011025	CCAFE00
	S010882	CBRME00
CAR1912	S010648	CBRME00
CAR1911	S010445	CBRME00
	S010330	CBRME00
	S010327	CCAFE00
	S010287	CCAFE00
	S010240	CCAFE00
	S010226	CBRNE00
	S010155	CBRME00
	S009503	CBRME00
CAR1910	S010219	CCAFE00
	S010218	CBRME00
	S010164	CCAFE00
	S010154	CCAFE00
	S010153	CBRME00

CA RS Level	Service	FMID
	S009293	CCAFE00
	S009292	CBRME00
CAR1909	S009678	CCAFE00
	S009518	CBY3E02
	S009517	CBROE00
	S009516	CBRNE00
	S009515	CBRME00
	S009512	CBY3E00
	S009498	CBY3E02
	S009497	CBROE00
	S009496	CBRNE00
	S009495	CBRME00
	S009492	CBY3E00
	S009485	CCAFE00
CAR1908	S009263	CBY3E02
	S009223	CBRME00
	S009174	CBRME00
	S009163	CBRME00
	S009161	CBRME00
CAR1907	S008748	CCAFE00
	S008747	CBRME00
	S008441	CCAFE00
CAR1906	S008565	CBRNE00
	S008520	CCAFE00
	S008519	CBY3E02
	S008518	CBRME00
	S008353	CBRNE00
	S008350	CBRME00
	S008295	CBRME00
	S008227	CCAFE00
	S008226	CBRME00
	S007939	CBRME00
	S006106	CBRME00
CAR1905	S007935	CBRNE00
	S007649	CCAFE00
	S007648	CBY3E02
	S007647	CBRME00
	S007350	CBRME00
	S007338	CBRME00
	S007142	CBROE00
CAR1904	S007827	CBRME00
	S007763	CBRME00
	S007584	CBRME00
	S007570	CCAFE00
	S007569	CBRME00
CAR1903	S007415	CBY3E02
CAR1902	S007090	CBROE00

CA RS Level	Service	FMID
	S007036	CBY3E00
	S007029	CBY3E00
	S007025	CBRME00
CAR1901	S006480	CBRME00
	S006424	CBRNE00
CAR1812	S005405	CBROE00
CAR1811	S000283	CBY3E02
CAR1810	S005604	CCAFE00
CAR1809	S005158	CBRME00
	S005125	CCAFE00
	S004831	CBRNE00
	S004736	CCAFE00
	S004735	CBRME00
CAR1808	S004622	CCAFE00
	S004621	CBRME00
	S004545	CBRME00
	S004387	CBRME00
	S004100	CBRME00
CAR1807	S003819	CBRME00
CAR1806	S003752	CBROE00
	S003665	CBY3E00
	S001796	CBY3E00
CAR1805	S001591	CBY3E00
	S000972	CBRNE00
CAR1804	S001043	CBY3E02
	S000833	CCAFE00
	S000832	CBRME00
	S000567	CBY3E02
	S000445	CBRME00
	S000440	CBRME00
CAR1803	S000663	CBY3E00
	S000536	CBY3E00
	S000524	CBY3E00
	S000381	CBRME00
	R099491	CCAFE00
CAR1802	S000216	CBY3E00
	S000181	CBRME00
	S000172	CBRME00
	S000116	CBY3E00
	R099656	CCAFE00
CAR1801	R098898	CBRNE00
	R097820	CBRME00
CAR1712	R099154	CBRME00
	R099032	CBRME00
	R098965	CBRME00
	R098857	CBROE00
	R098823	CBROE00

CA RS Level	Service	FMID
	R098776	CBRME00
	R098743	CCAFE00
	R098742	CBY3E02
	R098741	CBRME00
	R097958	CBY3E02
CAR1711	R098753	CBRME00
	R097016	CBRNE00
CAR1710	R098010	CBRNE00
	R098009	CBRME00
CAR1709	R097685	CBRME00
	R097459	CBRME00
	R097347	CBRME00
	R097299	CCAFE00
	R097250	CBRME00
	R096138	CBRME00
CAR1708	R097058	CBRME00
	R096744	CBRME00
	R096727	CBRME00
	R096256	CBRME00
CAR1707	R096731	CBROE00
	R096730	CBRME00
	R096563	CBY3E00
	R096445	CBRME00
	R094301	CBRME00
	R093519	CBRME00
CAR1706	R095796	CCAFE00
	R095795	CBRME00
	R095792	CBY3E02
	R095791	CBROE00
	R095790	CBRNE00
	R095789	CBRME00
	R095520	CBY3E00
	R094234	CBRME00
	R094102	CBRME00
	R094021	CBRME00