

Common Services 15.0
CA RS 2108 Service List

Service	Description	Type
LU01733	HUNG CCI SEND AFTER LINE BREAK	PTF
LU01857	CCS APACHE TOMCAT 9.0.48	** PRP **
LU02071	CCS MESSAGE SERVICE CUMULATIVE MAINTENANCE SHIPMENT - 1.9.8	PTF
LU02177	REMOVE DEFAULT FEATURE DATA FROM SMF89 RECORD	PTF
S016137	RC=3234 IN CCISSL/CCISSLGW TLS 1.3 IF DEFAULT CERT IS USED	PTF
The CA RS 2108 service count for this release is 5		

Common Services
CA RS 2108 Service List for CAS9F00

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FMID	Service	Description	Type
CAS9F00	LU02177	REMOVE DEFAULT FEATURE DATA FROM SMF89 RECORD	PTF
The CA RS 2108 service count for this FMID is 1			

Common Services
CA RS 2108 Service List for CAW1F00

FMID	Service	Description	Type
CAW1F00	LU01733	HUNG CCI SEND AFTER LINE BREAK	PTF
	S016137	RC=3234 IN CCISSL/CCISSLGW TLS 1.3 IF DEFAULT CERT IS USED	PTF
The CA RS 2108 service count for this FMID is 2			

Common Services
CA RS 2108 Service List for CFF6F00

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FMID	Service	Description	Type
CFF6F00	LU01857	CCS APACHE TOMCAT 9.0.48	** PRP **
	LU02071	CCS MESSAGE SERVICE CUMULATIVE MAINTENANCE SHIPMENT - 1.9.8	PTF
The CA RS 2108 service count for this FMID is 2			

Service	Details
LU01733	LU01733 M.C.S. ENTRIES = ++PTF (LU01733) HUNG CCI SEND AFTER LINE BREAK PROBLEM DESCRIPTION: If a CCI connection terminates as a SEND is being processed for that remote system, the application that issued the request may not be returned control by the API. This results in a hang in the TCB. SYMPTOMS: Hung application or subtask. IMPACT: Functionality of the product may be affected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Event Notification Facility Version 15.0 Related Problem: CCIMVS 13992 Copyright (C) 2021 CA. All rights reserved. R00186-AW0150-SP1 DESC(HUNG CCI SEND AFTER LINE BREAK). ++VER (Z038) FMID (CAW1F00) PRE (S015984) SUP (LT01733)

Service	Details
LU01857	LU01857 M.C.S. ENTRIES = ++PTF (LU01857) The following items are included in this solution: 1. CCS APACHE TOMCAT 9.0.48 2. Security or Integrity Problem ===== CCS APACHE TOMCAT 9.0.48 PROBLEM DESCRIPTION: This PTF upgrades CCS Apache Tomcat to release 9.0.48, and it resolves security vulnerabilities that were discovered in previous Tomcat releases. This PTF also adds TLSv1.3 to the TOMSVXML XML file for the key ring support. SYMPTOMS: None. IMPACT: Possible denial of service (DoS) due to the security vulnerability. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CCS Java to z/OS Service Version 15.0 PROBLEM RESOLUTION: Review the ++HOLD comment area. Follow the Deploy and Configure CCS Apache Tomcat section in the CA Common Services for z/OS documentation to implement this PTF. Related Problem: TOMZOS 14271 ===== Security or Integrity Problem PROBLEM DESCRIPTION: Security or Integrity Problem. SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CCS Java to z/OS Service Version 15.0 Related Problem: TOMZOS 13224 Copyright (C) 2021 CA. All rights reserved. R00188-AW0150-SP1 DESC(CCS APACHE TOMCAT 9.0.48). ++VER (Z038) FMID (CFF6F00) PRE (S006935 S007639 S010325) SUP (AL00654 LT00654 LT01857 LU00654 S013165 S014686 S016066 ST06859 ST13165 ST14686 ST16066) ++HOLD (LU01857) SYSTEM FMID(CFF6F00) REASON (ACTION) DATE (21202) COMMENT (+-----+ CCS Java to z/OS Service Version 15.0 +-----+

Service	Details
	<pre> SEQUENCE After Apply +-----+-----+ PURPOSE Add TLS 1.3 support. +-----+-----+ USERS All users of CCS Apache Tomcat. AFFECTED +-----+-----+ KNOWLEDGE z/OS USS REQUIRED CCS Apache Tomcat configuration +-----+-----+ ACCESS Update Access to &REGNHLQ..CAW00PTV(TOMSVXML). REQUIRED ESM security commands if running security config job. +-----+-----+ ***** * STEPS TO PERFORM * ***** TLS 1.3 support in CCS Apache Tomcat requires IBM Java 8 SR6 FP25 or later in the \$JAVA_HOME. TLS 1.3 has been added to the TOMSVXML XML file for the key ring support. To implement, rerun the security configuration job (TOMKACF2/TOMKTSS/TOMKRACF) to automatically update TOMSVXML in your Region. However, running the job will override manual updates in TOMSVXML. To avoid losing these modification, EDIT the TOMSVXML member in your Region, and add +TLSv1.3 to sslEnabledProtocols=. In addition, the "write" permission bit for the current CCS Apache Tomcat directory (apache-tomcat-9.0.48) in the SMP/E Target zone has been recursively removed from "other" userids. This change should not affect permission bits in the deployment and region file systems, and write failures are not expected when future PTFs are installed.). PARM(PATHMODE(0,7,7,5)) SHSCRIPT(TOMCATSH,POST) . TEXT PARM(PATHMODE(0,7,7,5)) . </pre>

Service	Details
LU02071	LU02071 M.C.S. ENTRIES = ++PTF (LU02071) CCS MESSAGE SERVICE CUMULATIVE MAINTENANCE SHIPMENT - 1.9.8 PROBLEM DESCRIPTION: Updates to ops-admin-adapter to fix issue where some LPARs fail to reconnect to server hub following an IPL SYMPTOMS: Users of MTCA fail to see some LPARS reappear following an outage of the MSS hub IMPACT: MTCA users unable to see the latest information about their LPARS and resources CIRCUMVENTION: None PRODUCT(S) AFFECTED: CCS Message Service Version 15.0 Related Problem: CCSMS1 14223 Copyright (C) 2021 CA. All rights reserved. R00193-AW0150-SP1 DESC(CCS MESSAGE SERVICE CUMULATIVE MAINTENANCE SHIPMENT - 1.9.8). ++VER (Z038) FMID (CFF6F00) PRE (S010936 S011014 S011618) SUP (LT00460 LT00481 LT01448 LT01507 LT02071 LU00481 LU01507 S006833 S007863 S007993 S008532 S008952 S010574 S011760 S012863 S012986 S014880 S015404 S015545 S016027 ST06833 ST07438 ST07863 ST07993 ST08532 ST08952 ST10555 ST10574 ST11760 ST12127 ST12863 ST12986 ST14589 ST14880 ST15404 ST15545 ST16027) BINARY LINK('.../cfgb/messageService/data/adapters/diagnos tic-adapter.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('.../cfgb/messageService/data/adapters/ops-adm in-adapter.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('.../cfgb/messageService/bin/messaging-zos-pla tform-services.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('.../cfgb/instance/messageService/config/zdm-a dapter-config.yml') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('.../cfgb/messageService/data/adapters/ops-oi- alarm-adapter.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('.../cfgb/instance/messageService/config/confi g.yml')

Service	Details
	<pre> PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageService/bin/pass-utility.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageService/scripts/getZosSystemI nfo.rexx') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageServiceHub/bin/ssl-utility.ja r') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageService/data/adapters/smf-tra nsformer-adapter.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/instance/messageService/config/smf-a dapter-config.yml') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageService/data/adapters/wto-ada pter.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageService/data/adapters/mat-ada pter.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageService/data/adapters/message -discovery-adapter.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageServiceHub/bin/message-servic e-hub-node.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageService/bin/messaging-engine. jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageService/scripts/opsAdapterRep lies.sh') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/instance/messageService/config/mat_c onfig.yaml') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('../cfgb/messageService/data/adapters/zdm-maa s-adapter.jar') PARM(PATHMODE(0,7,7,5)) . BINARY </pre>

Service	Details
	LINK(' ../cfgb/messageService/build/BUILDINFO') PARM(PATHMODE(0,7,7,5)) . BINARY LINK(' ../cfgb/messageService/bin/zos-event-router. jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK(' ../cfgb/messageService/data/adapters/ops-ada pter.jar') PARM(PATHMODE(0,7,7,5)) .

Service	Details
LU02177	LU02177 M.C.S. ENTRIES = ++PTF (LU02177) The following items are included in this solution: 1. REMOVE DEFAULT FEATURE DATA FROM SMF89 RECORD 2. CORRECT PRODUCT NAMES ON SCRT REPORT ===== REMOVE DEFAULT FEATURE DATA FROM SMF89 RECORD PROBLEM DESCRIPTION: SMF89 records are being generated with calling module name as the Feature, which is not useful data. SYMPTOMS: Reports on SMF89 data will include irrelevant data in the Feature field. IMPACT: Reports on SMF89 data can get difficult to make use of with extraneous data. CIRCUMVENTION: None. PROBLEM RESOLUTION: Deploy updated CAWOLOAD, Refresh LLA, Run CAS9 with the following RIM parm statement: PRODUCT(CAIRIM) VERSION(CAS9) INIT(CAS9INIT) PARM(REFRESH(LMP)) Related Problem: CAIRIM 14173 ===== CORRECT PRODUCT NAMES ON SCRT REPORT PROBLEM DESCRIPTION: ISV SCRT reports for Broadcom may be missing product codes of have inaccurate data. SYMPTOMS: F9 not reported instead of "CA File Master Plus" The following default values were also updated: F9 from "" to "FileMastPlus-TDM" XN from "File-Master-Plus" to "FileMastPlus-MVS" IMPACT: CA File Master Plus product may not be reported in ISV SCRT reports. CIRCUMVENTION: None. PROBLEM RESOLUTION: Deploy updated CAWOLOAD and CAWOOPTV, Refresh LLA, Run CAS9 with the following RIM parm statement: PRODUCT(CAIRIM) VERSION(CAS9) INIT(CAS9INIT) PARM(REFRESH(LMP)) PRODUCT(S) AFFECTED: Resource Initialization Manager Version 15.0 Related Problem: CAIRIM 13389 Copyright (C) 2021 CA. All rights reserved. R00195-AW0150-SP1 DESC(REMOVE DEFAULT FEATURE DATA FROM SMF89 RECORD). ++VER (Z038) FMID (CAS9F00) PRE (LU00614 S006284)

Common Services 15.0
CA RS 2108 - PTF LU02177 Details

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Service	Details
	SUP (LT00733 LT00853 LT00952 LT02177 LU00952 S007021 S010688 S013696 S015572 S015859 ST07021 ST10688 ST13696 ST15572 ST15859)

Service	Details															
SO16137	SO16137 M.C.S. ENTRIES = ++PTF (SO16137) RC=3234 IN CCISSL/CCISSLGW TLS 1.3 IF DEFAULT CERT IS USED PROBLEM DESCRIPTION: If the System SSL default certificate is specified using CERT='', CCISSL/CCISSLGW attempts to display the certificate data during startup. However, even if the certificate is valid, its display data may initially be unavailable, and CCISSL/CCISSLGW exits with RC=3234 after each failed attempt to display the certificate. This PTF will allow CCISSL/CCISSLGW to continue running and accept connection requests using the default certificate, even if its display data is unavailable at initialization. SYMPTOMS: CCISSL/CCISSLGW exits with RC=3234. IMPACT: Possible CCI connection failures after implementation of CCI TLS 1.3 support. If the CERT= variable is hardcoded with a certificate label as a workaround, the user may need to frequently update the variable. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Event Notification Facility Version 15.0 PROBLEM RESOLUTION: Deploy CAWOPLD. Refresh LLA if necessary. Restart CCISSL/CCISSLGW. Related Problem: CCIMVS 1178 Copyright (C) 2021 CA. All rights reserved. R00160-AW0150-SP1 DESC(RC=3234 IN CCISSL/CCISSLGW TLS 1.3 IF DEFAULT CERT IS USED). ++VER (Z038) FMID (CAW1F00) PRE (S006282 SO12236) SUP (ST16137) <table><tr><td>MCS</td><td>LU01733</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU01857</td><td>STARTS ON PAGE 0002</td></tr><tr><td>MCS</td><td>LU02071</td><td>STARTS ON PAGE 0005</td></tr><tr><td>MCS</td><td>LU02177</td><td>STARTS ON PAGE 0008</td></tr><tr><td>MCS</td><td>SO16137</td><td>STARTS ON PAGE 0009</td></tr></table>	MCS	LU01733	STARTS ON PAGE 0002	MCS	LU01857	STARTS ON PAGE 0002	MCS	LU02071	STARTS ON PAGE 0005	MCS	LU02177	STARTS ON PAGE 0008	MCS	SO16137	STARTS ON PAGE 0009
MCS	LU01733	STARTS ON PAGE 0002														
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MCS	LU02177	STARTS ON PAGE 0008														
MCS	SO16137	STARTS ON PAGE 0009														

Common Services 15.0
CA RS 2108 Product/Component Listing

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Product Family	Product	Release
Infastructure	CCS JAVA TO Z/OS SERVICE	15.00.00
	EVENT NOTIFICATION FACILITY	15.00.00
	RESOURCE INITIALIZATION MANAGER	15.00.00
	CA-GLOBAL SUBSYSTEM FOR MVS	14.00.00
	CA-GREXX COMMON COMPONENT	14.00.00
	COMMON SERVICES	14.00.00
	CROSS PLATFORM COMMON COMPONENT	14.00.00
The CA RS 2108 Product/Component Count for this release is 7		

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2108	S016137	CAW1F00
	LU02177	CAS9F00
	LU02071	CFF6F00
	LU01857	CFF6F00
	LU01733	CAW1F00
CAR2107	LU01592	CAS9F00
	LU01507	CFF6F00
	LU01318	CBYSE00
	LU01294	CAW1F00
	LU01052	CBYSE00
	LU00952	CAS9F00
	LU00786	CAW1F00
CAR2106	LU01300	CAW1F00
CAR2105	LU00614	CAS9F00
CAR2104	S015973	CAS9F00
	LU00654	CFF6F00
	LU00481	CFF6F00
	LU00070	CAS9F00
CAR2103	S016066	CFF6F00
	S015717	CBYSE00
	LU00380	CAS9F00
	LU00348	CBUJE00
	LU00100	CAS9F00
CAR2102	S016121	CFF6F00
	S015984	CAW1F00
	S015983	CAS9F00
	S015901	CAS9F00
	S015892	CAS9F00
	S015679	CFF6F00
	S015572	CAS9F00
	S014658	CBYSE00
CAR2101	S016027	CFF6F00
	S015859	CAS9F00
	S015161	CAS9F00
	S014454	CFF6F00
CAR2012	S015545	CFF6F00
	S015509	CAS9F00
	S015404	CFF6F00
	S015317	CAW1F00
CAR2011	S015262	CFF6F00
	S014954	CFF6F00
	S014946	CAS9F00
	S014749	CAS9F00
	S014414	CAW1F00
	S014209	CAS9F00
CAR2010	S014880	CFF6F00
	S014822	CAS9F00

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S014686	CFF6F00
	S014650	CFF6F00
	S014632	CAW1F00
	S013899	CAW1F00
	S013835	CAW1F00
CAR2009	S013696	CAS9F00
	S013674	CAW1F00
	S013644	CFF6F00
	S013238	CAS9F00
CAR2008	S013976	CAW1F00
	S013406	CXE6100
	S013324	CAW1F00
	S012877	CAW1F00
	S012876	CAW1F00
	S012102	CXE6100
	S011905	CXE6100
CAR2007	S013165	CFF6F00
	S013050	CAW1F00
	S013038	CFF6F00
	S013027	CAS9F00
	S012874	CAS9F00
	S007688	CAW1F00
CAR2006	S012986	CFF6F00
	S012863	CFF6F00
	S012800	CAS9F00
	S012541	CAS9F00
	S007050	CAS9F00
CAR2005	S012649	CBUJE00
	S012643	CBYSE00
	S012499	CAS9F00
	S012236	CAW1F00
	S011600	CAW1F00
	S011599	CAW1F00
	S006721	CAW1F00
CAR2004	S012269	CAS9F00
	S012199	CAS9F00
	S011990	CAS9F00
	S011876	CFF6F00
	S011634	CAS9F00
	S011007	CAW1F00
	S011006	CAS9F00
CAR2003	S011826	CAS9F00
	S011760	CFF6F00
	S011227	CFF6F00
	S010683	CAS9F00
	S010325	CFF6F00
	S009527	CAW1F00

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S009273	CAS9F00
CAR2002	S011618	CFF6F00
	S011358	CBUJE00
	S011182	CFF6F00
	S010688	CAS9F00
	S006282	CAW1F00
CAR2001	S011014	CFF6F00
	S010936	CFF6F00
	S010864	CAW1F00
	S010036	CAW1F00
	S009669	CAW1F00
CAR1912	S010775	CAS9F00
	S010579	CAW1F00
	S010301	CAW1F00
	S010035	CAW1F00
CAR1911	S010574	CFF6F00
	S010253	CAS9F00
	S010182	CAW1F00
	S010076	CAW1F00
	S010020	CAW1F00
	S009711	CAW1F00
	S008952	CFF6F00
CAR1910	S010064	CAW1F00
	S009996	CFF6F00
	S009804	CBUJE00
	S009631	CBYSE00
	S008991	CAS9F00
	S008287	CAW1F00
	S007952	CAS9F00
CAR1909	S009412	CAW1F00
	S009072	CAW1F00
	S008819	CAW1F00
	S008818	CAS9F00
CAR1908	S009090	CAW1F00
CAR1907	S008532	CFF6F00
	S008354	CAS9F00
	S008067	CAS9F00
	S007578	CAW1F00
	S007251	CAW1F00
CAR1906	S008469	CAS9F00
	S008372	CAW1F00
	S007993	CFF6F00
	S007639	CFF6F00
	S007591	CAS9F00
	S007367	CAW1F00
	S007250	CAW1F00
	S007248	CAW1F00

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1905	S007863	CFF6F00
CAR1904	S007681	CAW1F00
	S007486	CAW1F00
	S007363	CAW1F00
	S007021	CAS9F00
CAR1903	S007047	CFF6F00
	S006935	CFF6F00
	S006329	CAW1F00
CAR1902	S006924	CBUJE00
CAR1810	S005412	CBYSE00
CAR1809	S005049	CBYSE00
CAR1808	R097402	CBYSE00
CAR1804	R097691	CBYSE00
CAR1711	R098482	CBUJE00
	R097316	CCF9E00
CAR1709	R097611	CCF3E00
CAR1707	R096451	CBYSE00
CAR1706	R095554	CBYSE00
CAR1703	R094690	CBUJE00
	R093985	CBYSE00
CAR1702	R093715	CBUJE00
CAR1701	R093725	CBUJE00
	R093330	CBUJE00
CAR1610	R092036	CBUJE00
CAR1605	R087227	CBYSE00
CAR1602	R081391	CBYSE00
CAR1601	R086410	CBUJE00
CAR1508	R081869	CBUJE00
CAR1506	R080766	CBYSE00
CAR1505	R078952	CBYSE00
	R067470	CBYSE00
CAR1504	R079147	CBUJE00
CAR1503	R078090	CBUJE00
CAR1501	R070933	CBUJE00
CAR1412	R074426	CXE6100
	R074424	CDU4E00
	R074423	CASR710
	R074422	CAF3E00
CAR1410	R073883	CBUJE00
CAR1403	R065915	CBUJE00
CAR1310	R060299	CBUJE00
CAR1309	R061814	CBUJE00
CAR1307	R060266	CCF3E00
CAR1306	R054563	CBYSE00
	R054215	CAF3E00
	R053266	CBYSE00
	R052802	CBUJE00

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1303	R051254	CBYSE00
CAR1212	R050858	CXE6100
	R050855	CASR710
	R050852	CDU4E00
	R050849	CAF3E00
	R049438	CBYSE00
	R049259	CBUJE00
	R047728	CXE6100
	R047666	CDU4E00
	R047625	CASR710
	R047591	CBYSE00
	R047590	CBYSE00
	R047516	CAF3E00
	R047492	CBUJE00
CAR1210	R047104	CBYSE00
	R046688	CBYSE00
	R046172	CBYSE00
	R046170	CBYSE00
	R045565	CCF9E00
	R045564	CBYSE00
	R045502	CCF3E00
	R045372	CBYSE00
	R044455	CCF3E00
	R044367	CCF9E00
	R044289	CBYSE00
CAR1207	R043136	CBYSE00
	R042823	CBYSE00
	R039025	CBYSE00
CAR1204	R035679	CCF9E00
CAR1201	ZXE6108	CXE6100
	R034514	CBUJE00
	R034310	CBYSE00
	R034162	CXE6100
	R032753	CBUJE00
	R031903	CDU4E00
	R031779	CBYSE00
	R031650	CBUJE00
	R031058	CBYSE00
	R029788	CBYSE00
	R029065	CBYSE00
	R028425	CBYSE00
	R027053	CCF9E00
	R026162	CBYSE00
	R025737	CXE6100
	R020913	CXE6100
	Q095030	CXE6100

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1010	Q089740	CXE6100
	Q083915	CXE6100