

Common Services 15.0
CA RS 2205 Service List

Service	Description	Type
LU04911	REBRAND PRODUCTS FOR ISV SCRT	PTF
LU05264	OPENSSL 1.1.1N	** PRP **
LU05368	HIGH CPU USAGE DUE TO OPS-ADMIN-ADAPTER LOOP	PTF
LU05449	CCS APACHE TOMCAT 9.0.62	PTF
LU05476	POSSIBLE SOC1 ABEND IN CAS9VTAM OR CAS9CCI3	PTF
LU05509	ADDING THE COMMON PARAMETER FILE READER SERVICE TO ENF	PTF
LU05510	ADDING THE COMMON PARAMETER FILE READER SERVICE TO ENF	PTF
The CA RS 2205 service count for this release is 7		

Common Services
CA RS 2205 Service List for CAS9F00

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FMID	Service	Description	Type
CAS9F00	LU04911	REBRAND PRODUCTS FOR ISV SCRT	PTF
	LU05509	ADDING THE COMMON PARAMETER FILE READER SERVICE TO ENF	PTF
The CA RS 2205 service count for this FMID is 2			

Common Services
CA RS 2205 Service List for CAW1F00

FMID	Service	Description	Type
CAW1F00	LU05264	OPENSSL 1.1.1N	** PRP **
	LU05476	POSSIBLE SOC1 ABEND IN CAS9VTAM OR CAS9CCI3	PTF
	LU05510	ADDING THE COMMON PARAMETER FILE READER SERVICE TO ENF	PTF
The CA RS 2205 service count for this FMID is 3			

Common Services
CA RS 2205 Service List for CFF6F00

FMID	Service	Description	Type
CFF6F00	LU05368	HIGH CPU USAGE DUE TO OPS-ADMIN-ADAPTER LOOP	PTF
	LU05449	CCS APACHE TOMCAT 9.0.62	PTF
The CA RS 2205 service count for this FMID is 2			

Service	Details
LU04911	LU04911 M.C.S. ENTRIES = ++PTF (LU04911) REBRAND PRODUCTS FOR ISV SCRT ENHANCEMENT DESCRIPTION: Rebranding Broadcom products in ISV Product Catalog XML. Also adding new RAI products: 7G Host/EDIT 7H Launch Express 7I RDX 7J RLX for z/OS 7K RLX/CLIST 7L RLX/Compile 7M RLX/ISPF 7N RLX/SQL 7O RLX/TSO 7P Smart/RESTART 7Q Smart/RRSAF 7R TASKLIB+ 7S Thread/SENTRY 7V Thread/STOPPER ENHANCEMENT ENABLEMENT: Deploy updated CAW0LOAD and CAW0OPTV, Refresh LLA (if necessary), 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 15393 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00238-AW0150 DESC(REBRAND PRODUCTS FOR ISV SCRT). ++VER (Z038) FMID (CAS9F00) PRE (LU00614 LU02177 LU04507 LU05157 S006284 S007021) SUP (LT04911 S010688 S013696 S015572 S015859 ST10688 ST13696 ST15572 ST15859)

Service	Details
LU05264	LU05264 M.C.S. ENTRIES = ++PTF (LU05264) The following items are included in this solution: 1. OPENSSEL 1.1.1N 2. SECURITY OR INTEGRITY PROBLEM ===== OPENSSEL 1.1.1N PROBLEM DESCRIPTION: This PTF delivers CCIPC 15.0.4, which upgrades OpenSSL to release 1.1.1n to address security vulnerabilities. SYMPTOMS: None. IMPACT: Possible denial of service (DoS). CIRCUMVENTION: None. PROBLEM RESOLUTION: If you download CCIPC via the UPGRAD solution LU02684, then the steps below can be bypassed. This PTF delivers new versions of the CCIPC 32-Bit and 64-Bit self extracting install exe files. SMP application of this PTF will result in replacement of CAW0OPTN members CCIPCS32 and CCIPCS64. FTP in binary mode the member(s) to the PC that is running CCIPC and rename the PC file(s) to CCIPCS32.exe or CCIPCS64.exe respectively. After downloading the file(s) you can install CCIPC over your existing install by double clicking on the exe file(s). PRODUCT(S) AFFECTED: Common Communications Interface with SSL Release 15.0 Related Problem: CCIMVS 16615 ===== 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: CAIENF/CICS Version 15.0 CAIENF/CICS Version 15.0 Related Problem: CCIMVS 16614 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00243-AW0150

Common Services 15.0
CA RS 2205 - PTF LU05264 Details

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Service	Details
	DESC (OPENSSL 1.1.1N) . ++VER (Z038) FMID (CAW1F00) PRE (LU05158 S012236) SUP (AS12236 LT02461 LT03397 LT03404 LT05062 LT05264 LU02461 LU03404 LU05062 S007681 ST07681)

Service	Details
LU05368	LU05368 M.C.S. ENTRIES = ++PTF (LU05368) HIGH CPU USAGE DUE TO OPS-ADMIN-ADAPTER LOOP PROBLEM DESCRIPTION: The Message Service Server, when used in an OPS/MVS MTC-A deployment, may enter into a loop driving high CPU utilization. IMPACT: The following OPS/MVS messages will be issued once every minute until the server is shut down: OPS9998W ops-admin-adapter: ExecuteAOF recognized 'EOD TERMINATION'; breaking out; record=EOD TERMINATION CIRCUMVENTION: Restart OPS/MVS on the affected system. PRODUCT(S) AFFECTED: JAVA to z/OS Service Version 15.0 Related Problem: CCSMS1 16689 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00246-AW0150 DESC(HIGH CPU USAGE DUE TO OPS-ADMIN-ADAPTER LOOP). ++VER (Z038) FMID (CFF6F00) PRE (LU05159 SO10936 SO11014 SO11618) SUP (AL02429 AL02917 LT00460 LT00481 LT01448 LT01507 LT02071 LT02429 LT02917 LT03125 LT03511 LT03522 LT04655 LT05368 LU00481 LU01507 LU02071 LU02429 LU02917 LU03511 LU03522 SO06833 SO07863 SO07993 SO08532 SO08952 SO10574 SO11760 SO12863 SO12986 SO14880 SO15404 SO15545 SO16027 ST06833 ST07438 ST07863 ST07993 ST08532 ST08952 ST10555 ST10574 ST11760 ST12127 ST12863 ST12986 ST14589 ST14880 ST15404 ST15545 ST16027) BINARY LINK('..../cfgb/messageService/data/adapters/diagnostic-adapter.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('..../cfgb/messageService/data/adapters/ops-admin-adapter.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('..../cfgb/messageService/bin/messaging-zos-platform-services.jar') PARM(PATHMODE(0,7,7,5)) . BINARY LINK('..../cfgb/instance/messageService/config/zdm-adapter-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

Service	Details
	<pre> LINK('..cfgb/instance/messageService/config/confi g.yml') 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') </pre>

Service	Details
	<pre>PARM(PATHMODE(0,7,7,5)) . BINARY 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)) .</pre>

Service	Details
LU05449	LU05449 M.C.S. ENTRIES = ++PTF (LU05449) CCS APACHE TOMCAT 9.0.62 PROBLEM DESCRIPTION: This PTF upgrades CCS Apache Tomcat to release 9.0.62. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PROBLEM RESOLUTION: Follow the Deploy and Configure CCS Apache Tomcat section in the CA Common Services for z/OS documentation to implement this PTF. PRODUCT(S) AFFECTED: JAVA to z/OS Service Version 15.0 Related Problem: TOMZOS 16752 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00248-AW0150 DESC(CCS APACHE TOMCAT 9.0.62). ++VER (Z038) FMID (CFF6F00) PRE (LU01857 LU05159 S010325 S014686) SUP (LT00654 LT03020 LT03855 LT03868 LT05449 LU00654 LU03020 LU03868 S006935 S007639 S013165 S016066 ST06859 ST06935 ST07639 ST13165 ST16066) PARM(PATHMODE(0,7,7,5)) SHSCRIPT(TOMCATSH,POST). PARM(PATHMODE(0,7,7,5)).

Service	Details																		
LU05476	LU05476 M.C.S. ENTRIES = ++PTF (LU05476) POSSIBLE SOC1 ABEND IN CAS9VTAM OR CAS9CCI3 PROBLEM DESCRIPTION: In extremely rare circumstances a SOC1 abend may occur in CAS9VTAM or CAS9CCI3. SYMPTOMS: Abend and possibly a dump. IMPACT: CCI function may fail unexpectedly. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CAIENF/CICS Version 15.0 Related Problem: CCIMVS 16770 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00249-AW0150 DESC(POSSIBLE SOC1 ABEND IN CAS9VTAM OR CAS9CCI3). ++VER (Z038) FMID (CAW1F00) PRE (LU04879 LU05158 S008819 S009711) SUP (LT05476 S006724 S007250 S008372 S010036 S010301 ST06724 ST07250 ST08372 ST10036 ST10301) ++HOLD (LU05476) SYSTEM FMID(CAW1F00) REASON (DYNACT) DATE (22110) COMMENT (<table border="1"> <tr> <td>CAIENF/CICS</td><td>Version 15.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Refresh resident modules</td></tr> <tr> <td>USERS</td><td>All users of CCI functionality</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>MVS System commands knowledge</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td>ACCESS</td><td>Ability to issue console commands</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM * ***** Deploy Updated CAW0LOAD, refresh LLA if necessary and issue commands: ENF REFRESH(CAS9VTAM) ENF REFESSH(CAS9CCI3) or recycle ENF with a REINIT: S ENF,,,REINIT).	CAIENF/CICS	Version 15.0	SEQUENCE	After Apply	PURPOSE	Refresh resident modules	USERS	All users of CCI functionality	AFFECTED		KNOWLEDGE	MVS System commands knowledge	REQUIRED		ACCESS	Ability to issue console commands	REQUIRED	
CAIENF/CICS	Version 15.0																		
SEQUENCE	After Apply																		
PURPOSE	Refresh resident modules																		
USERS	All users of CCI functionality																		
AFFECTED																			
KNOWLEDGE	MVS System commands knowledge																		
REQUIRED																			
ACCESS	Ability to issue console commands																		
REQUIRED																			

Service	Details
LU05509	LU05509 M.C.S. ENTRIES = ++PTF (LU05509) ADDING THE COMMON PARAMETER FILE READER SERVICE TO ENF ENHANCEMENT DESCRIPTION: Adds the Common Parameter File Reader Service to ENF, which allows for the usage of symbol substitution all throughout one's ENFPARMS. PRODUCT(S) AFFECTED: CAIENF/CICS Version 15.0 Related Problem: ENF 16270 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00250-AW0150 DESC(ADDING THE COMMON PARAMETER FILE READER SERVICE TO ENF). ++VER (Z038) FMID (CAS9F00) PRE (LU00614 LU02754 LU04507 LU05157 S006356 S008818 S011006 S015983) SUP (LT00179 LT04823 LT05509 ST10909 ST12136 ST14143 ST15330) ++IF FMID(CAW1F00) REQ(LU05510) .

Service	Details	
LU05510	LU05510 M.C.S. ENTRIES = ++PTF (LU05510)	
	ADDING THE COMMON PARAMETER FILE READER SERVICE TO ENF	
	ENHANCEMENT DESCRIPTION:	
	Adds the Common Parameter File Reader Service to ENF, which allows	
	for the usage of symbol substitution all throughout one's ENFPARMS.	
	PRODUCT(S) AFFECTED:	
	CAIENF/CICS	Version 15.0
	Related Problem:	
	ENF 16270	
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	R00250-AW0150	
	DESC(ADDING THE COMMON PARAMETER FILE READER SERVICE TO ENF).	
	++VER (Z038)	
	FMID (CAW1F00)	
	PRE (LU05158 S006817 S011613)	
	SUP (LT04822 LT05510)	
	++IF FMID(CAS9F00) REQ(LU05509) .	
	MCS LU04911	STARTS ON PAGE 0002
	MCS LU05264	STARTS ON PAGE 0003
	MCS LU05368	STARTS ON PAGE 0004
	MCS LU05449	STARTS ON PAGE 0008
	MCS LU05476	STARTS ON PAGE 0009
	MCS LU05509	STARTS ON PAGE 0010
	MCS LU05510	STARTS ON PAGE 0011

Common Services 15.0
CA RS 2205 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 2205 Product/Component Count for this release is 7		

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2205	LU05510	CAW1F00
	LU05509	CAS9F00
	LU05476	CAW1F00
	LU05449	CFF6F00
	LU05368	CFF6F00
	LU05264	CAW1F00
	LU04911	CAS9F00
CAR2204	LU05159	CFF6F00
	LU05158	CAW1F00
	LU05157	CAS9F00
	LU05062	CAW1F00
	LU04937	CFF6F00
	LU04879	CAW1F00
	LU04116	CFF6F00
CAR2203	SO11613	CAW1F00
	LU04860	CAS9F00
	LU04572	CAS9F00
	LU04507	CAS9F00
	LU03868	CFF6F00
	LU03522	CFF6F00
	LU03375	CAW1F00
CAR2202	LU04258	CAS9F00
	LU03902	CFF6F00
	LU03635	CAW1F00
CAR2201	LU04065	CFF6F00
	LU03922	CFF6F00
	LU03756	CBUJE00
	LU03641	CFF6F00
	LU03516	CAS9F00
	LU03404	CAW1F00
	LU03064	CAS9F00
CAR2112	SO13214	CAS9F00
	LU03511	CFF6F00
	LU02969	CFF6F00
	LU02052	CAW1F00
	LU01447	CAS9F00
	LU00181	CAW1F00
CAR2111	LU03194	CAS9F00
	LU03020	CFF6F00
	LU02917	CFF6F00
	LU02754	CAS9F00
CAR2110	LU02020	CAS9F00
	LU01660	CAS9F00
CAR2109	LU02463	CAS9F00
	LU02461	CAW1F00
	LU02429	CFF6F00
	LU02348	CAS9F00

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	LU02310	CBUJE00
	LU02251	CAW1F00
	LU02099	CAW1F00
	LU02098	CAS9F00
	LU01961	CAS9F00
	LU01755	CFF6F00
	LU01130	CAS9F00
	LU01092	CAW1F00
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

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2011	S015262	CFF6F00
	S014954	CFF6F00
	S014946	CAS9F00
	S014749	CAS9F00
	S014414	CAW1F00
	S014209	CAS9F00
CAR2010	S014880	CFF6F00
	S014822	CAS9F00
	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

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S011007	CAW1F00
	S011006	CAS9F00
CAR2003	S011826	CAS9F00
	S011760	CFF6F00
	S011227	CFF6F00
	S010683	CAS9F00
	S010325	CFF6F00
	S009527	CAW1F00
	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

CA RS Level	Service	FMID
CAR1906	S008469	CAS9F00
	S008372	CAW1F00
	S007993	CFF6F00
	S007639	CFF6F00
	S007591	CAS9F00
	S007367	CAW1F00
	S007250	CAW1F00
	S007248	CAW1F00
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

CA RS Level	Service	FMID
CAR1403	R065915	CBUJE00
CAR1310	R060299	CBUJE00
CAR1309	R061814	CBUJE00
CAR1307	R060266	CCF3E00
CAR1306	R054563	CBYSE00
	R054215	CAF3E00
	R053266	CBYSE00
	R052802	CBUJE00
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

Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	R029065	CBYSE00
	R028425	CBYSE00
	R027053	CCF9E00
	R026162	CBYSE00
	R025737	CXE6100
	R020913	CXE6100
	Q095030	CXE6100
CAR1010	Q089740	CXE6100
	Q083915	CXE6100