

Common Components and Services for z/OS 15.0
CA RS 2307 Service List

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Service	Description	Type
LU09294	ENSURE CSA FREED DURING CCISSLGW/CCITCPGW SHUTDOWN	PTF
LU09295	ENSURE CSA FREED DURING CCISSLGW/CCITCPGW SHUTDOWN	PTF
LU09786	ADD EXTERNAL SECURITY CHECK TO ZDM PRODUCER API	PTF
LU10326	TOMCAT APPS MAY NOT LOG OUTPUT	PTF
LU10408	CCS APACHE TOMCAT 9.0.75	** PRP **
LU10485	ADDITIONAL LMP KEY DESCRIPTION CHECK IN CAIFLODT	PTF
The CA RS 2307 service count for this release is 6		

Common Components and Services for z/OS
CA RS 2307 Service List for CAS9F00

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FMID	Service	Description	Type
CAS9F00	LU09294	ENSURE CSA FREED DURING CCISSLGW/CCITCPGW SHUTDOWN	PTF
	LU10485	ADDITIONAL LMP KEY DESCRIPTION CHECK IN CAIFLODT	PTF
The CA RS 2307 service count for this FMID is 2			

Common Components and Services for z/OS
CA RS 2307 Service List for CAW1F00

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FMID	Service	Description	Type
CAW1F00	LU09295	ENSURE CSA FREED DURING CCISSLGW/CCITCPGW SHUTDOWN	PTF
The CA RS 2307 service count for this FMID is 1			

Common Components and Services for z/OS
CA RS 2307 Service List for CFF6F00

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FMID	Service	Description	Type
CFF6F00	LU09786	ADD EXTERNAL SECURITY CHECK TO ZDM PRODUCER API	PTF
	LU10326	TOMCAT APPS MAY NOT LOG OUTPUT	PTF
	LU10408	CCS APACHE TOMCAT 9.0.75	** PRP **
The CA RS 2307 service count for this FMID is 3			

Service	Details
LU09294	LU09294 M.C.S. ENTRIES = ++PTF (LU09294) REWORK(2023165) ENSURE CSA FREED DURING CCISSLGW/CCITCPGW SHUTDOWN PROBLEM DESCRIPTION: If unprocessed outbound CCI requests are queued to CCITCPGW/CCISSLGW, they may not be freed during shutdown. SYMPTOMS: Orphaned CSA. IMPACT: Possible CSA shortage. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CCIMVS Version 15.0 Related Problem: CCIMVS 19647 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00303-AW0150 DESC(ENSURE CSA FREED DURING CCISSLGW/CCITCPGW SHUTDOWN). ++VER (Z038) FMID (CAS9F00) PRE (LU00614 LU02754 LU04507 LU05157 LU05509 LU05527 S006356 S008818 S011006 S015983) SUP (LT00179 LT04823 LT09294 ST10909 ST12136 ST14143 ST15330) ++IF FMID(CAW1F00) REQ(LU09295).

Service	Details
LU09295	LU09295 M.C.S. ENTRIES = ++PTF (LU09295) REWORK(2023165) ENSURE CSA FREED DURING CCISSLGW/CCITCPGW SHUTDOWN PROBLEM DESCRIPTION: If unprocessed outbound CCI requests are queued to CCITCPGW/CCISSLGW, they may not be freed during shutdown. SYMPTOMS: Orphaned CSA. IMPACT: Possible CSA shortage. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CCIMVS Version 15.0 Related Problem: CCIMVS 19647 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00303-AW0150 DESC(ENSURE CSA FREED DURING CCISSLGW/CCITCPGW SHUTDOWN). ++VER (Z038) FMID (CAW1F00) PRE (LU05158 S006667 S012236 S015984) SUP (LT09295 S013050 ST13050) ++IF FMID(CAS9F00) REQ(LU09294).

Service	Details
LU09786	LU09786 M.C.S. ENTRIES = ++PTF (LU09786) REWORK(2023164) ADD EXTERNAL SECURITY CHECK TO ZDM PRODUCER API ENHANCEMENT DESCRIPTION: This PTF introduces the ability for Broadcom products to use the zDM API services of the ZDMVPROC common service in a non z/OS system privileged environment. Once this PTF is installed and activated, non z/OS system privileged Broadcom products, such as Java based products, may use the ZDM API services if the product user ID has READ access to either of the following external security resources: Class: Facility - Resource: BPX.SERVER Class: Facility - Resource: ZDATAMOVER This PTF is required for Java applications to be able to collect and send data to the Data Mover. PROBLEM RESOLUTION: 1. Apply the PTF and deploy the updated CAWOLINK and CAWOPLD 2. Refresh LLA. 3. Issue this command to refresh LPA module: SETPROG LPA,ADD,MOD=ZDMVLPA,DSN=LNKLST,PAGEPROTALL PRODUCT(S) AFFECTED: JAVA to z/OS Service Version 15.0 Related Problem: CCSMS1 19607 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00308-AW0150 DESC(ADD EXTERNAL SECURITY CHECK TO ZDM PRODUCER API). ++VER (Z038) FMID (CFF6F00) PRE (LU05159 S013644 S014650 S015679) SUP (LT09786 S015262 ST15262)

Service	Details
LU10326	LU10326 M.C.S. ENTRIES = ++PTF (LU10326) REWORK(2023157) TOMCAT APPS MAY NOT LOG OUTPUT PROBLEM DESCRIPTION: A z/OS Tomcat server that hosts a Broadcom application which uses the CCS J2Z component may not properly log output and may produce an exception error. SYMPTOM: You will see the following exception message: java.lang.NoClassDefFoundError: org.slf4j.LoggerFactory IMPACT: The Broadcom application will not produce output. CIRCUMVENTION: None PROBLEM RESOLUTION: Apply this PTF, and deploy J2Z by running the J2ZDPLOY job, followed by the J2ZMOUNT job. PRODUCT(S) AFFECTED: JAVA to z/OS Service Version 15.0 Related Problem: JAVA2Z 20497 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00317-AW0150 DESC(TOMCAT APPS MAY NOT LOG OUTPUT). ++VER (Z038) FMID (CFF6F00) PRE (LU05159) SUP (LT02969 LT03641 LT07686 LT10218 LT10326 LU02969 LU03641 LU07686) LINK('..c/f6/lib/j2zsdk.jar') PARM(PATHMODE(0,7,7,5)).

Service	Details
LU10408	LU10408 M.C.S. ENTRIES = ++PTF (LU10408) REWORK(2023166) The following items are included in this solution: 1. CCS APACHE TOMCAT 9.0.75 2. SECURITY OR INTEGRITY PROBLEM ===== CCS APACHE TOMCAT 9.0.75 PROBLEM DESCRIPTION: This PTF upgrades CCS Apache Tomcat to release 9.0.75. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PROBLEM RESOLUTION: Deploy the updated file system, and update your Region. -Follow all the instructions in the product documentation. -If using the CAW0JCL sample members: Follow the Deploy and Configure CCS Apache Tomcat section in the Common Components and Services for z/OS documentation to implement this PTF. https://techdocs.broadcom.com/us/en/ca-mainframe-software/traditional-management/ca-common-services-for-z-os/15-0/installing/complete-configuration-tasks/deploy-and-configure-ccs-apache-tomcat.html PRODUCT(S) AFFECTED: JAVA to z/OS Service Version 15.0 Related Problem: TOMZOS 20601 ===== 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: JAVA to z/OS Service Version 15.0 Related Problem: TOMZOS 20653 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00320-AW0150 DESC(CCS APACHE TOMCAT 9.0.75). ++VER (Z038)

Service	Details
	<pre> FMID (CFF6F00) PRE (LU01857 LU05159 S010325) SUP (AL09291 CS16066 DC03921 LT00654 LT03020 LT03855 LT03868 LT05449 LT06029 LT07456 LT08065 LT08476 LT09291 LT10408 LU00654 LU03020 LU03868 LU05449 LU06029 LU07456 LU08065 LU08476 LU09291 S006935 S007639 S013165 S014686 S016066 ST06859 ST06935 ST07639 ST13165 ST14686 ST16066) ++HOLD (LU10408) SYSTEM FMID(CFF6F00) REASON (DYNACT) DATE (23166) COMMENT (+-----+ JAVA to z/OS Service Version 15.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Update TOMSVXML (server.xml) into the product Region +-----+-----+ USERS All users AFFECTED +-----+-----+ KNOWLEDGE Product Administration REQUIRED +-----+-----+ ACCESS 1. CCS target libraries REQUIRED 2. Configuration datasets used by the product Region +-----+-----+ ***** * STEPS TO PERFORM * ***** - Deploy CCS Apache Tomcat and configure the prodcut Region by following the steps in the specific product documentation. - If using the CCS sample JCL from the CAW0JCL library, run the following jobs: 1. TOMDPLOY 2. TOMALLOC (if the Region doesn't yet exist) 3. TOMCR8IN (if the Region already exists) - If already using the SAF key ring support, re-run the security configuration job. - ACF2: TOMKACF2 - Top Secret: TOMKTSS - IBM RACF: TOMKRAC). PARM(PATHMODE(0,7,7,5)) SHSCRIPT(TOMCATSH,POST). PARM(PATHMODE(0,7,7,5)). </pre>

Service	Details
LU10485	LU10485 M.C.S. ENTRIES = ++PTF (LU10485) REWORK(2023171) The following items are included in this solution: 1. ADDITIONAL LMP KEY DESCRIPTION CHECK IN CAIFLODT 2. PRODUCT NAME UPDATE TO ISV PRODUCT CATALOG ===== ADDITIONAL LMP KEY DESCRIPTION CHECK IN CAIFLODT PROBLEM DESCRIPTION: When an LMP key violation occurs, the resulting CAS9182A and CAS9180E messages contain no product description. SYMPTOMS: CAS9182A and CAS9180E messages are issued with no product description. IMPACT: CAS9182A and CAS9180E messages do not give clear insight as to which product has a violation. CIRCUMVENTION: None PROBLEM RESOLUTION: 1. Deploy updated CAW0LOAD. 2. Refresh LLA (if necessary). 3. Run CAS9 with the following RIM parm statement: PRODUCT(CAIRIM) VERSION(CAS9) INIT(CAS9INIT) PARM(REFRESH(LMP)) PRODUCT(S) AFFECTED: Resource Initialization Manager(Comm) Version 15.0 Related Problem: CAIRIM 20406 ===== PRODUCT NAME UPDATE TO ISV PRODUCT CATALOG PROBLEM DESCRIPTION: LMP Code 2F product name is inaccurate. SYMPTOMS: SCRT Report will display an inaccurate name for LMP Code 2F. IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Resource Initialization Manager(Comm) Version 15.0 Related Problem: CAIRIM 20753 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R00321-AW0150 DESC(ADDITIONAL LMP KEY DESCRIPTION CHECK IN CAIFLODT). ++VER (Z038) FMID (CAS9F00) PRE (LU00614 LU02098 LU02177 LU03064 LU04507 LU04911 LU05157 LU05531 LU08629 S006284 S007021 S007952 S012874 S013696 S015901) SUP (LT09343 LT09942 LT10347 LT10485 LU09343 LU09942 S010688 S015572 ST10688 ST15572) MCS LU09294 STARTS ON PAGE 0002 MCS LU09295 STARTS ON PAGE 0002 MCS LU09786 STARTS ON PAGE 0003

Service	Details		
	MCS	LU10326	STARTS ON PAGE 0004
	MCS	LU10408	STARTS ON PAGE 0005
	MCS	LU10485	STARTS ON PAGE 0008

Common Components and Services for z/OS 15.0
CA RS 2307 Product/Component Listing

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Product Family	Product	Release
Traditional Management	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 2307 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2307	LU10485	CAS9F00
	LU10408	CFF6F00
	LU10326	CFF6F00
	LU09786	CFF6F00
	LU09295	CAW1F00
	LU09294	CAS9F00
CAR2306	LU10214	CFF6F00
	LU10048	CAW1F00
CAR2305	LU09976	CAS9F00
	LU09959	CBUJE00
	LU09942	CAS9F00
	LU09769	CAS9F00
	LU08834	CAW1F00
	LU01515	CAW1F00
CAR2304	LU09554	CBUJE00
	LU09343	CAS9F00
	LU09331	CAS9F00
	LU09291	CFF6F00
	LU09274	CAW1F00
CAR2303	LU09123	CBUJE00
	LU09045	CAW1F00
	LU08836	CAS9F00
	LU08595	CFF6F00
	LU07103	CFF6F00
CAR2302	LU08728	CFF6F00
	LU08714	CAS9F00
	LU08660	CFF6F00
	LU08629	CAS9F00
	LU08476	CFF6F00
	LU08229	CBYSE00
CAR2301	LU08112	CAS9F00
	LU08065	CFF6F00
	LU07335	CAW1F00
	LU04854	CAW1F00
CAR2211	LU07817	CAW1F00
	LU07686	CFF6F00
	LU07456	CFF6F00
	LU07250	CFF6F00
	LU07249	CAS9F00
	LU07030	CAS9F00
	LU06739	CAS9F00
CAR2210	LU07227	CBUJE00
	LU05199	CCF9E00
	LU00564	CAS9F00
CAR2209	LU06907	CBUJE00
	LU06835	CAS9F00
	LU06720	CFF6F00

CA RS Level	Service	FMID
	LU06324	CBUJE00
	LU05076	CBYSE00
CAR2208	LU06659	CAS9F00
	LU06560	CAS9F00
	LU06495	CAS9F00
	LU06320	CAS9F00
	LU06316	CAW1F00
	LU05923	CAS9F00
	LU05750	CAW1F00
	LU05531	CAS9F00
	LU05108	CAS9F00
CAR2207	SO14576	CAW1F00
	LU06135	CAW1F00
	LU06029	CFF6F00
	LU05792	CAS9F00
	LU05724	CAS9F00
	LU05527	CAS9F00
	LU05332	CAS9F00
CAR2206	LU05666	CAS9F00
	LU05637	CAS9F00
	LU05566	CAW1F00
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

CA RS Level	Service	FMID
	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
	LU02310	CBUJE00
	LU02251	CAW1F00
	LU02099	CAW1F00
	LU02098	CAS9F00
	LU01961	CAS9F00
	LU01755	CFF6F00
	LU01130	CAS9F00
	LU01092	CAW1F00
CAR2108	SO16137	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	SO15973	CAS9F00
	LU00654	CFF6F00
	LU00481	CFF6F00
	LU00070	CAS9F00

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
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
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

CA RS Level	Service	FMID
	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
CAR1010	Q089740	CXE6100
	Q083915	CXE6100