

Common Services for z/OS 15.0
CA RS 2211 Service List

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Service	Description	Type
LU06739	CAIRIM - CAS9INIT NOT BEING RUN	PTF
LU07030	REBRANDING CAS9121I MESSAGE	PTF
LU07249	SECURITY OR INTEGRITY PROBLEM	PTF
LU07250	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU07456	CCS APACHE TOMCAT 9.0.65	PTF
LU07686	J2Z JAVA 11 SUPPORT	PTF
LU07817	UPDATE TEXT FOR CAS9604W RELATED TO CONNECT COMMAND	PTF
The CA RS 2211 service count for this release is 7		

Common Services for z/OS
CA RS 2211 Service List for CAS9F00

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FMID	Service	Description	Type
CAS9F00	LU06739	CAIRIM - CAS9INIT NOT BEING RUN	PTF
	LU07030	REBRANDING CAS9121I MESSAGE	PTF
	LU07249	SECURITY OR INTEGRITY PROBLEM	PTF
The CA RS 2211 service count for this FMID is 3			

Common Services for z/OS
CA RS 2211 Service List for CAW1F00

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FMID	Service	Description	Type
CAW1F00	LU07817	UPDATE TEXT FOR CAS9604W RELATED TO CONNECT COMMAND	PTF
The CA RS 2211 service count for this FMID is 1			

Common Services for z/OS
CA RS 2211 Service List for CFF6F00

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FMID	Service	Description	Type
CFF6F00	LU07250	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU07456	CCS APACHE TOMCAT 9.0.65	PTF
	LU07686	J2Z JAVA 11 SUPPORT	PTF
The CA RS 2211 service count for this FMID is 3			

Service	Details
LU06739	LU06739 M.C.S. ENTRIES = ++PTF (LU06739) REWORK(2022278) CAIRIM - CAS9INIT NOT BEING RUN PROBLEM DESCRIPTION: CAS9INIT is not being run as a result of an improper execution flag. SYMPTOMS: CAS9034E - FUNCTION(RESCHECK) CLASS SPECIFIED IS NOT DEFINED IMPACT: CAS9INIT will not run, leading to error messages being issued. CIRCUMVENTION: Adding a CAS9INIT card will ensure that CAS9INIT will run. PRODUCT(S) AFFECTED: Resource Initialization Manager(Comm) Version 15.0 Related Problem: CAIRIM 17780 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00270-AW0150 DESC(CAIRIM - CAS9INIT NOT BEING RUN). ++VER (Z038) FMID (CAS9F00) PRE (LU00614 LU02754 LU05157 LU05527 S015901 S015973) SUP (LT02020 LT06739 LU02020 S007591 ST07591)

Service	Details
LU07030	LU07030 M.C.S. ENTRIES = ++PTF (LU07030) REWORK(2022293) REBRANDING CAS9121I MESSAGE PROBLEM DESCRIPTION: The CAS9121I message that is displayed by CAS9 when it is started on a zD&T machine contains incorrect branding information. SYMPTOMS: CAS9121I zD&T message branded as CA instead of Broadcom. IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Resource Initialization Manager(Comm) Version 15.0 PROBLEM RESOLUTION: Deploy updated CAW0LOAD, Refresh LLA if necessary. Related Problem: CAIRIM 18072 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00275-AW0150 DESC(REBRANDING CAS9121I MESSAGE). ++VER (Z038) FMID (CAS9F00) PRE (LU00614 LU02754 LU05157 LU06739 S015901 S015973) SUP (LT02020 LT07030 LU02020 S007591 ST07591)

Service	Details
LU07249	LU07249 M.C.S. ENTRIES = ++PTF (LU07249) REWORK(2022290) The following items are included in this solution: 1. SECURITY OR INTEGRITY PROBLEM 2. SUPPORT FOR RACF DATASET AUTH CHECKS 3. CCS SAF SERVICE ===== 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: ESMRIM 18490 ===== SUPPORT FOR RACF DATASET AUTH CHECKS ENHANCEMENT DESCRIPTION: The ESM Microservice is enhanced to support dataset authorization checks under IBM RACF. These requests are supported by a new REST API endpoint named /safCheck. The ESM Microservice utilizes the CCS SAF Service to perform the underlying security authorization requests for the /safCheck endpoint. PRODUCT(S) AFFECTED: JAVA to z/OS Service Version 15.0 Related Problem: ESMRIM 18486 ===== CCS SAF SERVICE ENHANCEMENT DESCRIPTION: The CCS SAF Service provides a limited set of SAF services to non-APF authorized programs. The CAMASTER address space initializes the CCS SAF Service during IPL as part of CARIM initialization. The service is available for the lifetime of the IPL, unless explicitly removed. PRODUCT(S) AFFECTED: Resource Initialization Manager Version 15.0 Related Problem: CAIRIM 15071 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00278-AW0150

Service	Details
	<pre>DESC (SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CAS9F00) PRE (LU05157) SUP (LT05360 LT07249) ++IF FMID(CFF6F00) REQ(LU07250) . ++HOLD (LU07249) SYSTEM FMID(CAS9F00) REASON (ACTION) DATE (22290) COMMENT (+-----+ Resource Initialization Manager(Comm) Version 15.0 +-----+ SEQUENCE Before using CCS SAF Service. +-----+ PURPOSE Initialize the CCS SAF Service. +-----+ USERS AFFECTED Users of the CCS SAF Service. Users of the ESM Microservice. +-----+ KNOWLEDGE REQUIRED Batch job configuration and submission. +-----+ ACCESS REQUIRED Access to the CAWOJCL, CAWOLINK, and CAWLOAD libraries. +-----+ ***** * STEPS TO PERFORM * ***** BEFORE USING: 1. Follow the steps in the CCS SAF Service documentation in section Deploy and Initialize CCS SAF Service.).</pre>

Service	Details
LU07250	LU07250 M.C.S. ENTRIES = ++PTF (LU07250) REWORK(2022290) The following items are included in this solution: 1. SECURITY OR INTEGRITY PROBLEM 2. SUPPORT FOR RACF DATASET AUTH CHECKS 3. CCS SAF SERVICE ===== 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: ESMRIM 18490 ===== SUPPORT FOR RACF DATASET AUTH CHECKS ENHANCEMENT DESCRIPTION: The ESM Microservice is enhanced to support dataset authorization checks under IBM RACF. These requests are supported by a new REST API endpoint named /safCheck. The ESM Microservice utilizes the CCS SAF Service to perform the underlying security authorization requests for the /safCheck endpoint. PRODUCT(S) AFFECTED: JAVA to z/OS Service Version 15.0 Related Problem: ESMRIM 18486 ===== CCS SAF SERVICE ENHANCEMENT DESCRIPTION: The CCS SAF Service provides a limited set of SAF services to non-APF authorized programs. The CAMASTER address space initializes the CCS SAF Service during IPL as part of CARIM initialization. The service is available for the lifetime of the IPL, unless explicitly removed. PRODUCT(S) AFFECTED: Resource Initialization Manager Version 15.0 Related Problem: CAIRIM 15071 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00278-AW0150

Service	Details
	DESC (SECURITY OR INTEGRITY PROBLEM). ++VER (Z038) FMID (CFF6F00) PRE (LU04065 LU05159 S007047 S009996 S011182 S011876 S014954 S016121) SUP (AC03921 BC03921 CC03921 LT03896 LT03911 LT03922 LT04937 LT05439 LT07250 LU03922 LU04937) ++IF FMID(CAS9F00) REQ(LU07249). ++HOLD (LU07250) SYSTEM FMID(CFF6F00) REASON (ACTION) DATE (22290) COMMENT (+-----+ JAVA to z/OS Service Version 15.0 +-----+ SEQUENCE Before using the ESM Microservice. +-----+ PURPOSE Update the ESM Microservice to utilize the CCS SAF Service. +-----+ USERS Users of the ESM Microservice. AFFECTED +-----+ KNOWLEDGE USS File system REQUIRED Started task setup +-----+ ACCESS ESM Microservice USS file system REQUIRED ESM Microservice PROC library ESM Microservice ESMENV location ESM Microservice Started task +-----+ ***** * STEPS TO PERFORM * ***** BEFORE APPLY 1. Backup the ESMENV environment file by copying it to ESMENVBK. The ESMENV file is located in the CAW00PTV library. AFTER APPLY 1. Stop the ESMPROC started task. 2. Use the updated ESMDPLOY job delivered with this PTF to deploy the ESM Microservice artifacts. This PTF delivers a new USS shared object libbcm-apisdk-security.so. The ESMDPLOY job deploys and marks this shared object as PROGRAM CONTROLLED. 3. Update the new ESMENV file following the inline documentation. Configurations can be manually copied from ESMENVBK because most options did not change. The main change is an addition to the JAVA LIBPATH: LIBPATH="\$LIBPATH":"\${PRODUCT_HOME}"/lib 4. Restart the ESMPROC started task.). LINK(' ../misc/esmMService/esm.jar') PARM(PATHMODE(0,7,7,5)). LINK(' ../misc/esmMService/lib/libbcm-apisdk-security.so') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(ESMSH,PRE). PARM(PATHMODE(0,7,7,5)).

Service	Details
LU07456	LU07456 M.C.S. ENTRIES = ++PTF (LU07456) REWORK(2022278) CCS APACHE TOMCAT 9.0.65 PROBLEM DESCRIPTION: This PTF upgrades CCS Apache Tomcat to release 9.0.65. This PTF also adds the ability to manually select a specific certificate in key rings connected to multiple certificates, using the keyAlias attribute in CAI.CAWOOPTV(TOMSVXML). 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 18401 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00280-AW0150 DESC(CCS APACHE TOMCAT 9.0.65). ++VER (Z038) FMID (CFF6F00) PRE (LU01857 LU05159 S010325 S014686) SUP (CS16066 LT00654 LT03020 LT03855 LT03868 LT05449 LT06029 LT07456 LU00654 LU03020 LU03868 LU05449 LU06029 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
LU07686	LU07686 M.C.S. ENTRIES = ++PTF (LU07686) REWORK(2022285) J2Z JAVA 11 SUPPORT PROBLEM DESCRIPTION: J2Z Java 11 support SYMPTOMS: Missing class javax.xml.ws.Holder in 11 causing error. IMPACT: Cannot use Java 11. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: JAVA to z/OS Service Version 15.0 Related Problem: JAVA2Z 18565 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00281-AW0150 DESC(J2Z JAVA 11 SUPPORT). ++VER (Z038) FMID (CFF6F00) PRE (LU05159) SUP (LT02969 LT03641 LT07686 LU02969 LU03641) LINK('..c/f6/lib/j2zsdk.jar') PARM(PATHMODE(0,7,7,5)).

Service	Details
LU07817	LU07817 M.C.S. ENTRIES = ++PTF (LU07817) REWORK(2022301) UPDATE TEXT FOR CAS9604W RELATED TO CONNECT COMMAND ENHANCEMENT DESCRIPTION: Ensure the text of CAS9604W message related to a CONNECT command clearly states the situtaion. The message will be changed from: CAS9604W - CAICCI - CONNECT / no valid SYSIDS found to CAS9604W - CONNECT already processed for SYSID PRODUCT(S) AFFECTED: CAIENF Version 15.0 Related Problem: CCIMVS 18698 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00282-AW0150 DESC(UPDATE TEXT FOR CAS9604W RELATED TO CONNECT COMMAND). ++VER (Z038) FMID (CAW1F00) PRE (LU05158 S007251 S008819 S011007 S015984) SUP (LT01294 LT07817 LU01294 S010064 ST10064) MCS LU06739 STARTS ON PAGE 0002 MCS LU07030 STARTS ON PAGE 0002 MCS LU07249 STARTS ON PAGE 0003 MCS LU07250 STARTS ON PAGE 0007 MCS LU07456 STARTS ON PAGE 0010 MCS LU07686 STARTS ON PAGE 0011 MCS LU07817 STARTS ON PAGE 0012

Common Services for z/OS 15.0
CA RS 2211 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 2211 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
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
	LU06324	CBUJE00
	LU05076	CBYSE00
CAR2208	LU06659	CAS9F00
	LU06560	CAS9F00
	LU06495	CAS9F00
	LU06320	CAS9F00
	LU06316	CAW1F00
	LU05923	CAS9F00
	LU05750	CAW1F00
	LU05531	CAS9F00
	LU05108	CAS9F00
CAR2207	S014576	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
CAR2103	SO16066	CFF6F00
	SO15717	CBYSE00
	LU00380	CAS9F00
	LU00348	CBUJE00
	LU00100	CAS9F00
CAR2102	SO16121	CFF6F00
	SO15984	CAW1F00
	SO15983	CAS9F00
	SO15901	CAS9F00
	SO15892	CAS9F00
	SO15679	CFF6F00
	SO15572	CAS9F00
	SO14658	CBYSE00
CAR2101	SO16027	CFF6F00
	SO15859	CAS9F00
	SO15161	CAS9F00
	SO14454	CFF6F00
CAR2012	SO15545	CFF6F00
	SO15509	CAS9F00
	SO15404	CFF6F00
	SO15317	CAW1F00
CAR2011	SO15262	CFF6F00
	SO14954	CFF6F00
	SO14946	CAS9F00
	SO14749	CAS9F00
	SO14414	CAW1F00
	SO14209	CAS9F00
CAR2010	SO14880	CFF6F00
	SO14822	CAS9F00
	SO14686	CFF6F00
	SO14650	CFF6F00
	SO14632	CAW1F00
	SO13899	CAW1F00
	SO13835	CAW1F00

CA RS Level	Service	FMID
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
	S009273	CAS9F00
CAR2002	S011618	CFF6F00
	S011358	CBUJE00
	S011182	CFF6F00
	S010688	CAS9F00

CA RS Level	Service	FMID
	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
CAR1905	S007863	CFF6F00
CAR1904	S007681	CAW1F00
	S007486	CAW1F00
	S007363	CAW1F00
	S007021	CAS9F00

CA RS Level	Service	FMID
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
CAR1303	R051254	CBYSE00
CAR1212	R050858	CXE6100
	R050855	CASR710
	R050852	CDU4E00
	R050849	CAF3E00

CA RS Level	Service	FMID
	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
CAR1010	Q089740	CXE6100
	Q083915	CXE6100