

CA Common Services 15.0
CA RS 2005 Service List

Service	Description	Type
S006721	SOC4 IN CHKRTRY - CASNMXCF ESTAE1 DUMP	PTF
S011599	CAS9379E RC=08 DRC=0C IXCMSGO	PTF
S011600	REDUCE UNNECESSARY BROADCASTS	PTF
S012236	TLSV1.3 SUPPORT	PTF
S012499	APPLY OF S012269 FAILS IF CAWOCALL IS NOT A PDSE	*HIP/PRP*
S012643	Security or Integrity Problem	** PRP **
S012649	Security or Integrity Problem	** PRP **
The CA RS 2005 service count for this release is 7		

CA Common Services
CA RS 2005 Service List for CAS9F00

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FMID	Service	Description	Type
CAS9F00	S012499	APPLY OF S012269 FAILS IF CAWOCALL IS NOT A PDSE	*HIP/PRP*
The CA RS 2005 service count for this FMID is 1			

CA Common Services
CA RS 2005 Service List for CAW1F00

FMID	Service	Description	Type
CAW1F00	S006721	SOC4 IN CHKRTRY - CASNMXCF ESTAE1 DUMP	PTF
	S011599	CAS9379E RC=08 DRC=0C IXCMGO	PTF
	S011600	REDUCE UNNECESSARY BROADCASTS	PTF
	S012236	TLSV1.3 SUPPORT	PTF
The CA RS 2005 service count for this FMID is 4			

CA Common Services
CA RS 2005 Service List for CBUJE00

FMID	Service	Description	Type
CBUJE00	SO12649	Security or Integrity Problem	** PRP **
The CA RS 2005 service count for this FMID is 1			

CA Common Services
CA RS 2005 Service List for CBYSE00

FMID	Service	Description	Type
CBYSE00	S012643	Security or Integrity Problem	** PRP **
The CA RS 2005 service count for this FMID is 1			

Service	Details				
SO06721	SO06721 M.C.S. ENTRIES = ++PTF (SO06721) SOC4 IN CHKRTY - CASNMXCF ESTAE1 DUMP PROBLEM DESCRIPTION: On a system where CCI is configured for PROTOCOL XCF, a SOC4 abend can occur in CASNMXCF routine CHKRTY. SYMPTOMS: Abend and dump IMPACT: CCI communication via XCF may not function as expected CIRCUMVENTION: Use an alternate PROTOCOL . PRODUCT(S) AFFECTED: <table> <tr> <td>Common Communications Interface with SSL</td><td>Release 14.1</td></tr> <tr> <td>Common Communications Interface with SSL</td><td>Release 15.0</td></tr> </table> Related Problem: CCIMVS 1146 Copyright (C) 2018 CA. All rights reserved. R00014-AW0150-SP0 DESC(SOC4 IN CHKRTY - CASNMXCF ESTAE1 DUMP) . ++VER (Z038) FMID (CAW1F00) SUP (ST06721)	Common Communications Interface with SSL	Release 14.1	Common Communications Interface with SSL	Release 15.0
Common Communications Interface with SSL	Release 14.1				
Common Communications Interface with SSL	Release 15.0				

Service	Details				
SO11599	SO11599 M.C.S. ENTRIES = ++PTF (SO11599) CAS9379E RC=08 DRC=0C IXCMSGO PROBLEM DESCRIPTION: If a CA product attempts to send more than 61k of data via CCI to a system connected with XCF, the following messages will occur: CAS9379E - Coupling Facility Interface Error Function : IXCMSGO WRITE ERROR CAS9380I - RC = 00000008 Drc = 0000000C SYMPTOMS: Message in log/Console. IMPACT: The data will not be sent. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Common Communications Interface with SSL</td><td>Release 14.1</td></tr> <tr> <td>Common Communications Interface with SSL</td><td>Release 15.0</td></tr> </table> Related Problem: CCIMVS 1171 Copyright (C) 2020 CA. All rights reserved. R00083-AW0150-SP1 DESC(CAS9379E RC=08 DRC=0C IXCMSGO). ++VER (Z038) FMID (CAW1F00) SUP (S006721 ST06721 ST11599)	Common Communications Interface with SSL	Release 14.1	Common Communications Interface with SSL	Release 15.0
Common Communications Interface with SSL	Release 14.1				
Common Communications Interface with SSL	Release 15.0				

Service	Details				
SO11600	SO11600 M.C.S. ENTRIES = ++PTF (SO11600) REDUCE UNNECESSARY BROADCASTS PROBLEM DESCRIPTION: The BROADCAST of a CCI receiver for certain special applications can result in unnecessary overhead and resource usage. SYMPTOMS: Unpredictable, depending on environment IMPACT: Unpredictable, depending on environment CIRCUMVENTION: None. PROBLEM RESOLUTION: Deploy updated CAW0LOAD, restart the ENF address space. PRODUCT(S) AFFECTED: <table> <tr> <td>Common Communications Interface with SSL</td><td>Release 14.1</td></tr> <tr> <td>Common Communications Interface with SSL</td><td>Release 15.0</td></tr> </table> Related Problem: CCIMVS 1172 Copyright (C) 2020 CA. All rights reserved. R00084-AW0150-SP1 DESC (REDUCE UNNECESSARY BROADCASTS). ++VER (Z038) FMID (CAW1F00) PRE (S008819 S009711) SUP (S007367 ST07367 ST11600)	Common Communications Interface with SSL	Release 14.1	Common Communications Interface with SSL	Release 15.0
Common Communications Interface with SSL	Release 14.1				
Common Communications Interface with SSL	Release 15.0				

Service	Details								
SO12236	SO12236 M.C.S. ENTRIES = ++PTF (SO12236) The following items are included in this solution: 1. TLSV1.3 SUPPORT 2. CCIPC: OPENSSSL 1.1.1B; SUPPORT SEARCH_GROUPS/GENERIC IN INQY 3. CCI FAILS WHEN IBM'S TLS SUPPORT NOT INSTALLED 4. OC4 IN CCITCPGW IF CLOSING PARENTHESES IS IN THE PARM FIELD ===== TLSV1.3 SUPPORT ENHANCEMENT DESCRIPTION: This PTF will deliver support for TLS 1.3 for the CCISSL and CCISSLGW tasks. ENHANCEMENT RESOLUTION: Deploy updated CAWOPLD, and recycle the CCISSL and CCISSLGW tasks. PRODUCT(S) AFFECTED: <table> <tr> <td>Common Communications Interface with SSL</td><td>Release 14.1</td></tr> <tr> <td>Common Communications Interface with SSL</td><td>Release 15.0</td></tr> </table> Related Problem: CCIMVS 1160 ===== CCIPC: OPENSSSL 1.1.1B; SUPPORT SEARCH_GROUPS/GENERIC IN INQY ENHANCEMENT DESCRIPTION: This PTF will add the processing option "SEARCH_GROUPS" (or "GENERIC") to the CciInqy() c function in CCIPC. This option will allow CciInqy() to search for receivers by specifying the owning SYSPLEXID rather than the SYSID. This feature already exists in the #CCI INQY assembler macro call. This PTF also upgrade OpenSSL to release 1.1.1b. PRODUCT(S) AFFECTED: <table> <tr> <td>Common Communications Interface with SSL</td><td>Release 14.1</td></tr> <tr> <td>Common Communications Interface with SSL</td><td>Release 15.0</td></tr> </table> ENHANCEMENT ENABLEMENT: This PTF delivers new versions (r14.1.3) of the CCIPC 32-Bit and 64-Bit self extracting install exe files. SMP application of this PTF will result in replacement of CAWOOPTN 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). Then once the uninstall completes, double click the exe file again and follow the prompts for installation. Related Problem: CCIMVS 1155 ===== CCI FAILS WHEN IBM'S TLS SUPPORT NOT INSTALLED PROBLEM DESCRIPTION: If IBM support for newer TLS releases is not installed, CCI started tasks will fail SYMPTOMS: CCI will fail to start and a message will be displayed indicating an error for SSL function gsk_attribute_set_enum IMPACT: Without IBM's support for TLS 1.1 and 1.2, CCI will fail to start	Common Communications Interface with SSL	Release 14.1	Common Communications Interface with SSL	Release 15.0	Common Communications Interface with SSL	Release 14.1	Common Communications Interface with SSL	Release 15.0
Common Communications Interface with SSL	Release 14.1								
Common Communications Interface with SSL	Release 15.0								
Common Communications Interface with SSL	Release 14.1								
Common Communications Interface with SSL	Release 15.0								

Service	Details																														
	CIRCUMVENTION: Apply IBM's maintenance to support TLS 1.1 and 1.2 PROBLEM RESOLUTION: Deploy updated CAWOPLD and recycle CCISSL/CCISSLGW tasks. PRODUCT(S) AFFECTED: <table> <tr> <td>Common Communications Interface with SSL</td><td>Release 14.1</td></tr> <tr> <td>Common Communications Interface with SSL</td><td>Release 15.0</td></tr> </table> Related Problem: CCIMVS 1148 ===== OC4 IN CCITCPGW IF CLOSING PARENTHESES IS IN THE PARM FIELD PROBLEM DESCRIPTION: If the PARM= field in CCITCP/CCITCPGW ends with a closing parentheses, the CCITCP/CCITCPGW task may abend during initialization. The closing parentheses causes the loop counter in the PARM parsing routine to exceed the length of the PARM= field, leading to the abend. This PTF will prevent this scenario from causing the loop counter to exceed the length of the PARM= field and avoid the resulting abend. This PTF also prevents possible buffer overflows due to excessively long parameter fields. SYMPTOMS: Abend OC4. IMPACT: CCITCP/CCITCPGW fails to initialize. CCI connections may fail. CIRCUMVENTION: Avoid ending the PARM= field with ')' as the last character. PROBLEM RESOLUTION: Deploy updated CAWOPLD, and refresh LLA if necessary. PRODUCT(S) AFFECTED: <table> <tr> <td>Common Communications Interface with SSL</td><td>Release 14.1</td></tr> <tr> <td>Common Communications Interface with SSL</td><td>Release 15.0</td></tr> </table> Related Problem: CCIMVS 1167 Copyright (C) 2020 CA. All rights reserved. R00098-AW0150-SP1 DESC(TLSV1.3 SUPPORT). ++VER (Z038) FMID (CAW1F00) SUP (S006282 S006667 S007681 ST06282 ST06667 ST07681 ST10303 ST12236) ++HOLD (S012236) SYSTEM FMID(CAW1F00) REASON (ACTION) DATE (20118) COMMENT (<table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> Event Notification Facility</td><td> Version 15.0 </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE After Apply</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE Enable TLSV1.3 support</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS </td><td> </td></tr> <tr> <td> AFFECTED All users of CCISSL or CCISSLGW</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> KNOWLEDGE Security Administration</td><td> </td></tr> </table>	Common Communications Interface with SSL	Release 14.1	Common Communications Interface with SSL	Release 15.0	Common Communications Interface with SSL	Release 14.1	Common Communications Interface with SSL	Release 15.0	+-----+		Event Notification Facility	Version 15.0	+-----+		SEQUENCE After Apply		+-----+		PURPOSE Enable TLSV1.3 support		+-----+		USERS		AFFECTED All users of CCISSL or CCISSLGW		+-----+		KNOWLEDGE Security Administration	
Common Communications Interface with SSL	Release 14.1																														
Common Communications Interface with SSL	Release 15.0																														
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Event Notification Facility	Version 15.0																														
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SEQUENCE After Apply																															
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PURPOSE Enable TLSV1.3 support																															
+-----+																															
USERS																															
AFFECTED All users of CCISSL or CCISSLGW																															
+-----+																															
KNOWLEDGE Security Administration																															

Service	Details
	<pre> REQUIRED +-----+-----+ ACCESS Update access to the key database used by CCISSL/CCISLW REQUIRED Update access to CAW00PTN(CAW4NETP) +-----+-----+ ***** * STEPS TO PERFORM * ***** For the latest information about upgrading to TLS Version 1.3, see "Upgrading TLS" in the CA Common Services for z/OS documentation on techdocs.broadcom.com.).</pre>

Service	Details												
SO12499	SO12499 M.C.S. ENTRIES = ++PTF (SO12499) APPLY OF SO12269 FAILS IF CAWOCALL IS NOT A PDSE PROBLEM DESCRIPTION: Fix SO12269 will fail during SMP/E APPLY and ACCEPT processing if datasets are defined as a PDS instead of PDSE. SYMPTOMS: APPLY processing fails the following copy messages: IGW01207E BINDER DETECTED AN ERROR WHILE PROCESSING MEMBER CSQXSTUB . BINDER RETURN CODE = X'00000008' REASON CODE = X'83000400' IMPACT: SMP/E APPLY and ACCEPT processing fails. CIRCUMVENTION: Convert your CAWOCALL and AAS9CALL from a PDS to PDSE. PRODUCT(S) AFFECTED: CA Common Services for z/OS Version 15.0 Related Problem: CAIRIM 623 Copyright (C) 2020 CA. All rights reserved. R00100-AW0150-SP1 DESC(APPLY OF SO12269 FAILS IF CAWOCALL IS NOT A PDSE). ++VER (Z038) FMID (CAS9F00) PRE (SO12269) SUP (AS12269 ST12499) ++HOLD (SO12499) SYSTEM FMID(CAS9F00) REASON (ACTION) DATE (20095) COMMENT (<table border="1"> <tr> <td>Resource Initialization Manager</td><td>Version 15.0</td></tr> <tr> <td>SEQUENCE</td><td>Before Apply</td></tr> <tr> <td>PURPOSE</td><td> This JCL is being provided to convert the existing CAWOCALL and AAS9CALL PDS's to PDSE's. This action does not need to be performed if the existing datasets are already PDSE's. </td></tr> <tr> <td>USERS</td><td> Users who installed CCS 15.0 from the SAMPJCL or used CSM without directing it to allocate libraries as PDSE. </td></tr> <tr> <td>KNOWLEDGE</td><td> To perform this action, the user should have a working knowledge of SMP/E, JCL, z/OS utilities and be able to identify dataset attributes. </td></tr> <tr> <td>ACCESS</td><td> READ/WRITE/CREATE access to the datasets and volumes specified in the HOLDDATA JCL. </td></tr> </table>	Resource Initialization Manager	Version 15.0	SEQUENCE	Before Apply	PURPOSE	This JCL is being provided to convert the existing CAWOCALL and AAS9CALL PDS's to PDSE's. This action does not need to be performed if the existing datasets are already PDSE's.	USERS	Users who installed CCS 15.0 from the SAMPJCL or used CSM without directing it to allocate libraries as PDSE.	KNOWLEDGE	To perform this action, the user should have a working knowledge of SMP/E, JCL, z/OS utilities and be able to identify dataset attributes.	ACCESS	READ/WRITE/CREATE access to the datasets and volumes specified in the HOLDDATA JCL.
Resource Initialization Manager	Version 15.0												
SEQUENCE	Before Apply												
PURPOSE	This JCL is being provided to convert the existing CAWOCALL and AAS9CALL PDS's to PDSE's. This action does not need to be performed if the existing datasets are already PDSE's.												
USERS	Users who installed CCS 15.0 from the SAMPJCL or used CSM without directing it to allocate libraries as PDSE.												
KNOWLEDGE	To perform this action, the user should have a working knowledge of SMP/E, JCL, z/OS utilities and be able to identify dataset attributes.												
ACCESS	READ/WRITE/CREATE access to the datasets and volumes specified in the HOLDDATA JCL.												

Service	Details
	<pre> +-----+ ***** * STEPS TO PERFORM * ***** // ADD JOBCARD HERE //* //* Update this sample as appropriate for your installation //* vvvvvv = the volume where the CAW0CALL dataset resides //* yyyyyy = the volume where the AAS9CALL dataset resides //* uuuuuu = the device type //* hlq = CCS 15.0 TARGET and DLIB high level qualifier //* //* Uncomment the following as per installation standards. //* VOL=SER=vvvvvv,UNIT=uuuuuu //* // or //* MGMTCLAS=mmmmmmmm,STORCLAS=ssssssss,DATACLAS=dddddddd //* //* If using SMS, update this statement as per installation standards. //* MGMTCLAS=mmmmmmmm,STORCLAS=ssssssss,DATACLAS=dddddddd //* //* //* NOTE * //* If the current CAW0CALL and AAS9CALL datasets reside on SMS //* managed volumes, the UNCATLG and CATLG statements can be removed //* from the IEHPROGM step below. //* //* After the successful APPLY of the PTF, the CAW0CALL.PDS and //* AAS9CALL.PDS datasets can be deleted. //* //REN EXEC PGM=IEHPROGM //SYSPRINT DD SYSOUT=* //DD1 DD UNIT=uuuuuu,VOL=SER=vvvvvv,DISP=SHR //DD2 DD UNIT=uuuuuu,VOL=SER=yyyyyy,DISP=SHR //SYSIN DD * RENAME DSNAME=hlq.CAW0CALL, VOL=uuuuuu=vvvvvv, NEWNAME=hlq.CAW0CALL.PDS UNCATLG DSNAME=hlq.CAW0CALL CATLG DSNAME=hlq.CAW0CALL.PDS,VOL=uuuuuu=vvvvvv RENAME DSNAME=hlq.AAS9CALL, VOL=uuuuuu=yyyyyy, NEWNAME=hlq.AAS9CALL.PDS UNCATLG DSNAME=hlq.AAS9CALL CATLG DSNAME=hlq.AAS9CALL.PDS,VOL=uuuuuu=yyyyyy /* //COPY1 EXEC PGM=IEBCOPY //* //SYSPRINT DD SYSOUT=* //INDDMNT DD DISP=SHR,DSN=hlq.CAW0CALL.PDS //OUTDD DD DSN=hlq.CAW0CALL, // DSNTYPE=LIBRARY,SPACE=(TRK,(21,10,20)), // DISP=(NEW,CATLG,DELETE), // VOL=SER=vvvvvv,UNIT=uuuuuu, // MGMTCLAS=mmmmmmmm,STORCLAS=ssssssss,DATACLAS=dddddddd, </pre>

Service	Details
	<pre>// DCB=(BLKSIZE=32760,RECFM=U) //SYSUT3 DD UNIT=VIO,SPACE=(TRK,(5,5)) //SYSUT4 DD UNIT=VIO,SPACE=(TRK,(5,5)) //SYSIN DD * COPYMOD I=INDDMNT,O=OUTDD //* //COPY2 EXEC PGM=IEBCOPY //* //SYSPRINT DD SYSOUT=* //INDDMNT DD DISP=SHR,DSN=h1q.AAS9CALL.PDS //OUTDD DD DSN=h1q.AAS9CALL, // DSNTYPE=LIBRARY,SPACE=(TRK,(21,10,20)), // DISP=(NEW,CATLG,DELETE), // VOL=SER=yyyyyy,UNIT=uuuuuu, // MGMTCLAS=mmmmmmmm,STORCLAS=ssssssss,DATACLAS=dddddddd, // DCB=(BLKSIZE=32760,RECFM=U) //SYSUT3 DD UNIT=VIO,SPACE=(TRK,(5,5)) //SYSUT4 DD UNIT=VIO,SPACE=(TRK,(5,5)) //SYSIN DD * COPYMOD I=INDDMNT,O=OUTDD).</pre>

Service	Details
SO12643	SO12643 M.C.S. ENTRIES = ++PTF (SO12643) Security or Integrity Problem PROBLEM DESCRIPTION: Security or Integrity Problem. SYMPTOMS. N/A IMPACT. Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA-Global Subsystem for MVS Release 14.0 Related Problem: GSMVS 179 Copyright (C) 2020 CA. All rights reserved. R00047-BYS140-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CBYSE00) SUP (AC12644 AR96451 R096451 S005049 ST05049 ST12612 ST12643 TR96451)

Service	Details	
SO12649	SO12649 M.C.S. ENTRIES = ++PTF (SO12649)	
	Security or Integrity Problem	
	PROBLEM DESCRIPTION:	
	Security or Integrity Problem.	
	SYMPTOMS.	
	N/A	
	IMPACT.	
	Security or Integrity Problem.	
	CIRCUMVENTION:	
	N/A	
	PRODUCT(S) AFFECTED:	
	CA-L-Serv	Release 14.0
	Related Problem:	
	LSERV 172	
	Copyright (C) 2020 CA. All rights reserved. R00036-BUJ140-SP1	
	DESC(Security or Integrity Problem).	
	++VER (Z038)	
	FMID (CBUJE00)	
	PRE (R093330)	
	SUP (AC12598 R092036 ST12609 ST12649 TR92036)	
	MCS	SO06721 STARTS ON PAGE 0002
	MCS	SO11599 STARTS ON PAGE 0002
	MCS	SO11600 STARTS ON PAGE 0003
	MCS	SO12236 STARTS ON PAGE 0004
	MCS	SO12499 STARTS ON PAGE 0008
	MCS	SO12643 STARTS ON PAGE 0010
	MCS	SO12649 STARTS ON PAGE 0011

CA Common Services 15.0
CA RS 2005 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 2005 Product/Component Count for this release is 7		

CA Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
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
	S010076	CAW1F00
	S010020	CAW1F00
	S009711	CAW1F00
	S008952	CFF6F00
CAR1910	S010064	CAW1F00
	S009996	CFF6F00
	S009804	CBUJE00
	S009631	CBYSE00
	S008991	CAS9F00

CA Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
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

CA Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
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
	R045565	CCF9E00
	R045564	CBYSE00
	R045502	CCF3E00
	R045372	CBYSE00
	R044455	CCF3E00
	R044367	CCF9E00
	R044289	CBYSE00
CAR1207	R043136	CBYSE00
	R042823	CBYSE00

CA Common Services 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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