

CA Datacom/AD 15.0
CA RS 2011 Service List

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Service	Description	Type
S015082	MF: ADD DSV00149I TO SHOW REASON FOR THREAD CREATE FAILURE	PTF
S015083	MF: ADD DSV00149I TO SHOW REASON FOR THREAD CREATE FAILURE	PTF
S015298	MF: DATACOM SERVER MAINFRAME REGION CRASHES WITH CHORUSEXT=	*HIP/PRP*
The CA RS 2011 service count for this release is 3		

CA Datacom/AD
CA RS 2011 Service List for CAYTF00

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FMID	Service	Description	Type
CAYTF00	SO15082	MF: ADD DSV00149I TO SHOW REASON FOR THREAD CREATE FAILURE	PTF
	SO15298	MF: DATACOM SERVER MAINFRAME REGION CRASHES WITH CHORUSEXT=	*HIP/PRP*
The CA RS 2011 service count for this FMID is 2			

CA Datacom/AD
CA RS 2011 Service List for CAYTF02

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FMID	Service	Description	Type
CAYTF02	S015083	MF: ADD DSV00149I TO SHOW REASON FOR THREAD CREATE FAILURE	PTF
The CA RS 2011 service count for this FMID is 1			

Service	Details
SO15082	SO15082 M.C.S. ENTRIES = ++PTF (SO15082) The following items are included in this solution: 1. MF: ADD DSV00149I TO SHOW REASON FOR THREAD CREATE FAILURE 2. MF: FIX STORAGE OVERLAY, HEAP DAMAGE AND SOC4 ABENDS 3. MF: (ENH) TARGET ZOSV2R2 AND ARCH(8) ===== MF: ADD DSV00149I TO SHOW REASON FOR THREAD CREATE FAILURE PROBLEM DESCRIPTION: The default setting TCPIP_CONNECT_QUEUE=200 may cause the CA Datacom Server mainframe address space to fail at initialization due to a resource limitation that limits the number of threads in the Server. The messages provided do not indicate why Server can not allocate the requested number of threads. This solution adds DSV00149I to show the reason why a TCPIP thread can not be created during Server initialization. SYMPTOMS: The Server region fails with the following feckless messages. DSV00119E - TCP/IP startup time limit exceeded SER: Only 45 threads created - quit DSV00120E - TCP/IP startup failed see DSV00119E for cause IMPACT: The Server region fails to start. Through trial and error the user must try smaller values for TCPIP_CONNECT_QUEUE to get the Server region to start. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 Related Problem: DBSRV 753 ===== MF: FIX STORAGE OVERLAY, HEAP DAMAGE AND SOC4 ABENDS PROBLEM DESCRIPTION: After a TCPIP connection times out due to inactivity from a client application, a storage overlay may occur depending on timing and a certain sequence of events. SYMPTOMS: The storage overlay may cause SOC4 abends or LE exceptions depending on which piece of storage is overlaid and how it is overlaid. IMPACT: The CA Datacom Server mainframe address space crashes which will cause connections from client applications to be severed. The Datacom Multi-User Facility is not affected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 Related Problem: DBSRV 756 ===== MF: (ENH) TARGET ZOSV2R2 AND ARCH(8) ENHANCEMENT DESCRIPTION: For better performance Datacom Server object code should target currently supported releases of the z/OS operating systems and IBM hardware. An audit of the Server build process, however, showed that some of the Server code

Service	Details
	is compiled at much earlier operating system and hardware levels. With this enhancement, all Datacom Server modules will be compiled with TARGET(LE,zOSV2R2) which defaults to ARCH(8) and exploits IBM z10 hardware. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 Related Problem: DBSRV 758 Copyright (C) 2020 CA. All rights reserved. R00122-DSR150-SP3 DESC(MF: ADD DSV00149I TO SHOW REASON FOR THREAD CREATE FAILURE). ++VER (Z038) FMID (CAYTF00) PRE (R067585 R070007 R071053 R072672 R079250 R079334 R088156 R089159 R097049 R099839 S000288 S001707 S005095 S006664) SUP (AR80137 AS08110 R068064 R069180 R069183 R069282 R069811 R070316 R072189 R073508 R073785 R080137 R081721 R093486 R095900 R098254 R099018 S008110 S008666 S009941 ST00124 ST01820 ST03626 ST04413 ST07597 ST07737 ST08110 ST08484 ST08666 ST08924 ST09508 ST09941 ST10634 ST11413 ST12087 ST13105 ST15076 ST15079 ST15082 TR68064 TR68497 TR68627 TR68739 TR68744 TR68949 TR69080 TR69180 TR69183 TR69282 TR69811 TR70295 TR70316 TR70685 TR72189 TR72408 TR72618 TR72653 TR72929 TR73306 TR73508 TR73584 TR73785 TR76312 TR76598 TR77969 TR80137 TR81721 TR84534 TR87198 TR87935 TR91056 TR93419 TR93486 TR94326 TR95900 TR96953 TR97044 TR98254 TR98440 TR99018 TR99712) ++IF FMID(CAYTF02) REQ(SO15083) .

Service	Details
SO15083	SO15083 M.C.S. ENTRIES = ++PTF (SO15083) The following items are included in this solution: 1. MF: ADD DSV00149I TO SHOW REASON FOR THREAD CREATE FAILURE 2. MF: FIX STORAGE OVERLAY, HEAP DAMAGE AND SOC4 ABENDS 3. MF: (ENH) TARGET ZOSV2R2 AND ARCH(8) ===== MF: ADD DSV00149I TO SHOW REASON FOR THREAD CREATE FAILURE PROBLEM DESCRIPTION: The default setting TCPIP_CONNECT_QUEUE=200 may cause the CA Datacom Server mainframe address space to fail at initialization due to a resource limitation that limits the number of threads in the Server. The messages provided do not indicate why Server can not allocate the requested number of threads. This solution adds DSV00149I to show the reason why a TCPIP thread can not be created during Server initialization. SYMPTOMS: The Server region fails with the following feckless messages. DSV00119E - TCP/IP startup time limit exceeded SER: Only 45 threads created - quit DSV00120E - TCP/IP startup failed see DSV00119E for cause IMPACT: The Server region fails to start. Through trial and error the user must try smaller values for TCPIP_CONNECT_QUEUE to get the Server region to start. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 Related Problem: DBSRV 753 ===== MF: FIX STORAGE OVERLAY, HEAP DAMAGE AND SOC4 ABENDS PROBLEM DESCRIPTION: After a TCPIP connection times out due to inactivity from a client application, a storage overlay may occur depending on timing and a certain sequence of events. SYMPTOMS: The storage overlay may cause SOC4 abends or LE exceptions depending on which piece of storage is overlaid and how it is overlaid. IMPACT: The CA Datacom Server mainframe address space crashes which will cause connections from client applications to be severed. The Datacom Multi-User Facility is not affected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 Related Problem: DBSRV 756 ===== MF: (ENH) TARGET ZOSV2R2 AND ARCH(8) ENHANCEMENT DESCRIPTION: For better performance Datacom Server object code should target currently supported releases of the z/OS operating systems and IBM hardware. An audit of the Server build process, however, showed that some of the Server code

CA Datacom/AD 15.0
CA RS 2011 - PTF SO15083 Details

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Service	Details
	is compiled at much earlier operating system and hardware levels. With this enhancement, all Datacom Server modules will be compiled with TARGET(LE,zOSV2R2) which defaults to ARCH(8) and exploits IBM z10 hardware. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 Related Problem: DBSRV 758 Copyright (C) 2020 CA. All rights reserved. R00122-DSR150-SP3 DESC(MF: ADD DSV00149I TO SHOW REASON FOR THREAD CREATE FAILURE). ++VER (Z038) FMID (CAYTF02) PRE (R067586 R072673 R079251 R079335 R088157 R089160 R097050 R099840 S000289 S005096 S006665) SUP (ST13665 ST15077 ST15080 ST15083 TR87057 TR87199 TR87936) ++IF FMID(CAYTF00) REQ(S015082) . BINARY LINK('libcadcdb32.so') PARM(PATHMODE(0,7,7,5),APF,PROGCTL) . BINARY LINK('libcadcdb64.so') PARM(PATHMODE(0,7,7,5),APF,PROGCTL) . BINARY LINK('cadcmf32') PARM(PATHMODE(0,7,7,5),APF,PROGCTL) .

Service	Details
SO15298	SO15298 M.C.S. ENTRIES = ++PTF (SO15298) MF: DATACOM SERVER MAINFRAME REGION CRASHES WITH CHORUSEXT= PROBLEM DESCRIPTION: After applying SO15082, Compliance Event Manager (CEM) customers reported a crash in the Datacom Server Mainframe region/address space. For CEM, the STC name is CEMESRVR or something similar. SYMPTOMS: The Server region crashes with a SOC4 or SOC1 abend depending on which user exit is supplied. In the reported case where the CHORUSEXT= was specified register 0 contained blanks (x'40'), and register 15 x'E7E3F1F0' which is translated in EBCDIC as 'XT10'. The exact symptoms may vary if the CONEXIT or SECEXIT is supplied. It depends on how the exit is coded. IMPACT: In the reported CEM case, the abend occurs the first time a user tries to connect to the CEMESRVR region. The region crashes and no other connections can be made. The Datacom Multi-User address space is not affected by the CEMESRVR crash. CIRCUMVENTION: None. Theoretically, the user exit could be disabled but that would render the Server region unsecured which is not practical. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 CA Compliance Event Manager (CEM) Version 6.0 Related Problem: DBSRV 760 Copyright (C) 2020 CA. All rights reserved. R00123-DSR150-SP3 DESC(MF: DATACOM SERVER MAINFRAME REGION CRASHES WITH CHORUSEXT=). ++VER (Z038) FMID (CAYTF00) PRE (SO15082) SUP (AS15082 ST15298) MCS SO15082 STARTS ON PAGE 0002 MCS SO15083 STARTS ON PAGE 0010 MCS SO15298 STARTS ON PAGE 0012

CA Datacom/AD 15.0
CA RS 2011 Product/Component Listing

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Product Family	Product	Release
Database	CA DATACOM	15.00.00
	CA DATACOM/AD	15.00.00
The CA RS 2011 Product/Component Count for this release is 2		

CA Datacom/AD 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2011	S015298	CAYTF00
	S015083	CAYTF02
	S015082	CAYTF00
CAR2010	S014870	CAADF00
	S014854	CAADF00
	S014620	CABDF00
	S014245	CAVQF00
CAR2009	S014425	CAVEF00
	S014424	CAVEF00
	S014308	CABDF00
	S014236	CAVEF00
	S013977	CABDF00
	S013549	CAVEF00
	S013288	CAVEF00
	S013631	CAVEF00
CAR2008	S013058	CAVEF00
	S013058	CAVEF00
CAR2007	R072189	CAYTF00
	R070316	CAYTF00
	R069811	CAYTF00
	R069282	CAYTF00
	R069183	CAYTF00
	R069180	CAYTF00
	R068064	CAYTF00
	R068064	CAYTF00
CAR2006	S013036	CABDF00
	S012822	CAVEF00
CAR2005	S012777	CABDF00
	S012518	CAVEF00
	S011791	CAVEF00
CAR2004	S012321	CABDF00
	S012204	CAADF00
	S012116	CAADF00
	S011194	CAVEF00
	S011132	CAVEF00
	S010744	CAVEF00
	S010744	CAVEF00
CAR2003	S011933	CABDF00
	S010970	CAVEF00
	S010520	CAVEF00
CAR2002	S011477	CAAXF00
	S011440	CABDF00
	S010422	CAVEF00
	S009941	CAYTF00
CAR2001	S010740	CABDF00
	S010646	CABDF00
CAR1912	S010841	CABDF00
	S010718	CAADF00
CAR1911	S010488	CAADF00
	S010487	CAADF00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	S010168	CAVEF00
	S010150	CABDF00
	S010149	CABDF00
	S009826	CABDF00
	S009800	CAVEF00
	S007726	CAVEF00
CAR1910	S010108	CAADF00
	S010070	CABDF00
	S009813	CAVEF00
CAR1909	S009738	CAADF00
	S009363	CABDF00
CAR1908	S009213	CABDF00
	S009210	CAADF00
	S009144	CABDF00
	S008666	CAYTF00
	S007559	CABDF00
CAR1907	S009035	CABDF00
	S008505	CAVQF00
	S008486	CABDF00
	S008110	CAYTF00
CAR1906	S008375	CABDF00
	S007902	CAAXF00
	S007658	CABDF00
CAR1905	S008186	CAADF00
	S007860	CAVQF00
	S007533	CAYTF02
CAR1904	S007671	CAADF00
	S007614	CABDF00
	S007574	CAADF00
	S007534	CABDF00
	S007520	CAVEF00
	S007419	CAVEF00
CAR1903	S007414	CAADF00
	S007364	CABDF00
	S007257	CABDF00
	S006839	CAVEF00
	S006738	CAVEF00
CAR1902	S007075	CAVQF00
	S006948	CABDF00
	S006919	CAVQF00
	S006837	CABDF00
	S006774	CAVEF00
	S006665	CAYTF02
	S006664	CAYTF00
	S006647	CABDF00
	S006617	CABDF00
	S005865	CAYTF02

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All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1901	S006663	CAVEF00
	S006585	CAVEF00
	S006559	CABDF00
	S006495	CAVEF00
	S006470	CABDF00
	S006394	CABDF00
	S006311	CAVEF00
	S005768	CABDF00
	S005130	CAADF00
CAR1812	S006244	CABDF00
	S006206	CAADF00
	S006143	CABDF00
	S006026	CABDF00
	S005987	CAVEF00
	S005351	CAVEF00
CAR1811	S005918	CABDF00
	S005906	CABDF00
	S005896	CABDF00
	S005793	CABDF00
	S005639	CABDF00
	S005096	CAYTF02
	S005095	CAYTF00
CAR1810	S005595	CABDF00
	S005066	CAVQF00
	S004715	CAADF00
CAR1809	S004641	CABDF00
	S004476	CAVEF00
CAR1808	S004646	CAYTF00
	S004358	CAVEF00
	S004308	CAVEF00
	S004198	CABDF00
	S004084	CABDF00
	S001707	CAYTF00
	S000289	CAYTF02
	S000288	CAYTF00
	R099018	CAYTF00
CAR1807	S003983	CAADF00
	S003963	CAVEF00
	S003894	CAVEF00
	S003838	CAVEF00
	S003794	CAVEF00
	S003666	CAVEF00
	S001199	CAVEF00
CAR1806	S003658	CAVEF00
	S001910	CAVQF00
	S001742	CAVEF00
	S001633	CABDF00

CA RS Level	Service	FMID
	S001515	CABDF00
	S001511	CAVEF00
	S000703	CAVEF00
CAR1805	S001321	CABDF00
	S001186	CABDF00
	S000987	CAVQF00
	S000425	CAVEF00
	S000243	CAVEF00
CAR1804	S000843	CABDF00
	S000772	CABDF00
	S000578	CABDF00
	S000513	CABDF00
CAR1803	S000594	CABDF00
	S000481	CABDF00
	S000227	CABDF00
	R099858	CABDF00
	R099847	CABDF00
	R097963	CABDF00
CAR1802	R099963	CAVEF00
	R099936	CABDF00
	R099932	CABDF00
	R099840	CAYTF02
	R099839	CAYTF00
	R099700	CABDF00
	R099355	CAVEF00
	R097808	CAADF00
	R096626	CAADF00
CAR1801	R099639	CABDF00
	R099322	CABDF00
CAR1712	R098730	CABDF00
	R098701	CABDF00
	R098045	CAYTF02
	R097050	CAYTF02
	R097049	CAYTF00
	R095900	CAYTF00
CAR1711	R098542	CABDF00
	R098527	CABDF00
	R098442	CABDF00
	R098420	CABDF00
	R098305	CABDF00
	R098283	CABDF00
	R098219	CABDF00
	R097926	CABDF00
	R097018	CABDF00
CAR1710	R098254	CAYTF00
	R098147	CAADF00
	R097875	CAADF00

CA Datacom/AD 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	R097854	CAADF00
CAR1709	R097491	CAADF00
	R097412	CAVEF00
	R097389	CAADF00
	R097368	CABDF00
	R097298	CABDF00
	R097294	CAAXF00
	R097237	CABDF00
	R097231	CABDF00
	R097188	CABDF00
	R097186	CABDF00
	R097121	CAVEF00
	R096908	CAVEF00
	R096359	CABDF00
CAR1708	R097161	CABDF00
	R096724	CAVEF00
	R096123	CAVEF00
	R095957	CAVEF00
	R095762	CAVEF00
	R095349	CAVEF00
	R095016	CAVEF00
CAR1707	R096765	CAADF00
	R096707	CAYTF02
	R096519	CABDF00
	R096198	CABDF00
	R095925	CAADF00
	R094563	CABDF00
	R093880	CAADF00
CAR1706	R096345	CAADF00
	R096028	CABDF00
	R095931	CABDF00
	R095896	CABDF00
	R095824	CABDF00
	R095595	CABDF00
	R095091	CABDF00
	R095060	CAADF00
	R094698	CAADF00
CAR1705	R095838	CAAXF00
	R095733	CAVEF00
	R095088	CABDF00
CAR1704	R095035	CABDF00
	R094915	CAVEF00
	R094881	CAAXF00
	R094778	CAADF00
	R094468	CABDF00
	R094463	CABDF00
	R094148	CAVEF00

CA Datacom/AD 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	R093676	CAVEF00
	R093453	CAVEF00
	R093402	CAVEF00
	R093323	CAVEF00
	R093267	CAVEF00
CAR1703	R094442	CAADF00
	R094434	CABDF00
	R094404	CAADF00
	R094304	CABDF00
	R094178	CABDF00
	R094164	CABDF00
	R093845	CABDF00
	R092676	CABDF00
CAR1702	R094089	CABDF00
	R094087	CAAXF00
	R093667	CAVEF00
	R093604	CAVEF00
	R093555	CABDF00
	R093515	CABDF00
	R093486	CAYTF00
CAR1701	R093505	CABDF00
	R093497	CAAXF00
	R093407	CABDF00
	R093379	CABDF00
	R093366	CAADF00
	R093306	CAVEF00
	R093211	CABDF00
	R093179	CABDF00
	R093083	CABDF00
	R092900	CAVEF00
	R092700	CABDF00
	R092663	CAYTF02
	R092484	CABDF00
CAR1612	R093097	CABDF00
	R093089	CABDF00
	R093062	CABDF00
	R093026	CABDF00
	R092776	CABDF00
	R092285	CABDF00
	R091837	CABDF00
CAR1611	R092737	CAADF00
	R092399	CABDF00
	R092281	CAVEF00
	R092248	CABDF00
	R092103	CABDF00
	R091449	CABDF00
	R091393	CABDF00

CA RS Level	Service	FMID
CAR1610	R092172	CAVEF00
	R092008	CAVEF00
	R091991	CAVEF00
	R091956	CAAXF00
	R091812	CABDF00
	R091649	CABDF00
	R091580	CAVEF00
	R091216	CABDF00
CAR1609	R091685	CAADF00
	R091496	CABDF00
	R091474	CABDF00
	R091426	CABDF00
	R091354	CABDF00
	R091295	CABDF00
	R091164	CABDF00
	R091001	CAAXF00
	R090997	CAVEF00
	R090972	CABDF00
	R090728	CABDF00
CAR1608	R091112	CAVEF00
	R090970	CABDF00
	R090968	CABDF00
	R090966	CAADF00
	R090939	CAADF00
	R090915	CABDF00
	R090877	CABDF00
	R090695	CAVQF00
	R090405	CAVEF00
	R089818	CABDF00
	R089160	CAYTF02
	R089159	CAYTF00
	R088304	CAADF00
	R086742	CABDF00
CAR1607	R090822	CABDF00
	R090730	CAADF00
	R090557	CAVEF00
	R090470	CAVEF00
	R090378	CAAXF00
	R090272	CAVEF00
	R090221	CABDF00
	R090187	CABDF00
CAR1606	R090178	CABDF00
	R090157	CAVEF00
	R090067	CAADF00
	R090052	CAAXF00
	R090043	CAVEF00
	R090011	CABDF00

CA RS Level	Service	FMID
	R089957	CABDF00
	R089593	CABDF00
	R089588	CAVEF00
	R089477	CAVQF00
	R089276	CAVEF00
	R089082	CAVQF00
CAR1605	R089519	CAVEF00
	R089518	CAVEF00
	R089473	CABDF00
	R089348	CAVEF00
	R089338	CABDF00
	R089163	CABDF00
	R089016	CAYTF02
	R088610	CAVEF00
CAR1604	R089125	CABDF00
	R089021	CABDF00
	R088959	CABDF00
	R088911	CABDF00
	R088875	CABDF00
	R088868	CABDF00
	R088813	CABDF00
	R088616	CAVEF00
	R088542	CAADF00
	R088440	CAVEF00
	R088393	CAVEF00
	R088391	CAVEF00
	R088365	CABDF00
	R088293	CABDF00
	R088157	CAYTF02
	R088156	CAYTF00
	R087666	CAYTF02
CAR1603	R088227	CAVEF00
	R088189	CAVEF00
	R088176	CAVEF00
	R088154	CABDF00
	R088132	CABDF00
	R088081	CABDF00
	R087989	CABDF00
	R087938	CABDF00
	R087913	CAADF00
	R087861	CAVEF00
	R087765	CABDF00
	R087554	CAADF00
	R087529	CABDF00
	R086589	CAVEF00
CAR1602	R087800	CABDF00
	R087686	CABDF00

CA Datacom/AD 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	R087518	CABDF00
	R087495	CABDF00
	R087472	CABDF00
	R087471	CABDF00
	R087452	CAADF00
	R087444	CAADF00
	R087282	CAADF00
	R087274	CABDF00
	R087217	CABDF00
	R087023	CABDF00
	R081768	CAYTF02
	R079335	CAYTF02
	R079251	CAYTF02
	R076353	CAYTF02
	R074101	CAYTF02
	R073679	CAYTF02
CAR1601	R087088	CAADF00
	R087047	CABDF00
	R086854	CAADF00
	R086717	CABDF00
	R086614	CAADF00
CAR1512	R086588	CABDF00
	R086400	CABDF00
	R086346	CAADF00
	R086318	CABDF00
	R086101	CABDF00
	R085869	CABDF00
	R085846	CAVEF00
CAR1511	R085798	CAVEF00
	R085671	CAVEF00
	R085592	CABDF00
	R085559	CABDF00
	R085518	CAADF00
	R085408	CABDF00
	R085366	CABDF00
	R085363	CABDF00
	R085202	CAADF00
	R085201	CAVEF00
	R085024	CAVEF00
	R084959	CAVEF00
	R084950	CABDF00
	R084928	CABDF00
	R084892	CAVEF00
	R084885	CAVEF00
	R084876	CAVEF00
	R084825	CAVEF00
	R084805	CAVEF00

CA RS Level	Service	FMID
	R084797	CAVEF00
	R084670	CAVEF00
	R084658	CABDF00
	R084647	CABDF00
	R084398	CAVEF00
	R084145	CAVEF00
	R079826	CABDF00
CAR1510	R084934	CAADF00
	R084793	CABDF00
	R084762	CAADF00
	R084703	CAADF00
	R084635	CABDF00
	R084605	CABDF00
	R084452	CAVEF00
	R084442	CAVEF00
	R084436	CAVEF00
	R084356	CAVEF00
	R084293	CABDF00
	R084240	CABDF00
	R083755	CABDF00
	R081529	CABDF00
CAR1509	R083799	CABDF00
	R083721	CABDF00
	R083547	CAADF00
	R083461	CABDF00
	R083456	CAVQF00
	R083425	CABDF00
	R083154	CABDF00
	R083102	CAVEF00
	R083077	CABDF00
CAR1508	R083166	CAVEF00
	R083027	CABDF00
	R082947	CAVEF00
	R082922	CAVEF00
	R082864	CABDF00
	R082860	CAADF00
	R081162	CAVEF00
	R078702	CAVEF00
CAR1507	R082479	CAVEF00
	R082205	CABDF00
	R082156	CABDF00
	R082108	CABDF00
	R081931	CABDF00
	R081820	CABDF00
	R081721	CAYTF00
	R081612	CABDF00
	R078807	CAVEF00

CA RS Level	Service	FMID
CAR1506	R081525	CABDF00
	R081285	CABDF00
	R081240	CABDF00
	R081155	CABDF00
	R081127	CABDF00
	R081000	CABDF00
	R080917	CABDF00
	R080872	CAVEF00
	R080137	CAYTF00
	R080123	CABDF00
CAR1505	R080804	CAVEF00
	R080771	CAVEF00
	R080767	CAVEF00
	R080634	CAADF00
	R080556	CABDF00
	R080417	CABDF00
	R080374	CABDF00
	R080212	CAVQF00
	R080173	CABDF00
	R080084	CABDF00
	R079989	CABDF00
	R079585	CAVQF00
	R079334	CAYTF00
	R079042	CAVQF00
	R077832	CABDF00
	R075168	CAVQF00
	R074448	CABDF00
CAR1504	R079688	CABDF00
	R079678	CAVEF00
	R079539	CABDF00
	R079439	CAVEF00
	R079425	CAVEF00
	R079250	CAYTF00
	R079086	CAVEF00
	R078796	CAVEF00
	R077114	CAVEF00
CAR1503	R078731	CAVEF00
	R078730	CABDF00
	R078697	CAVEF00
	R078683	CAVEF00
	R078557	CAVEF00
	R078206	CABDF00
	R078150	CABDF00
	R078133	CAVEF00
	R077658	CABDF00
CAR1502	R077621	CAADF00
	R077246	CABDF00

CA RS Level	Service	FMID
	R077089	CAADF00
CAR1501	R077059	CABDF00
	R076058	CABDF00
	R075752	CABDF00
	R075689	CAADF00
	R073037	CAVEF00
CAR1412	R075649	CAADF00
	R075643	CAVEF00
	R075411	CAVEF00
	R075397	CAVQF00
	R075194	CAADF00
	R074331	CABDF00
	R074322	CAVEF00
CAR1411	R075289	CAVEF00
	R075038	CAADF00
	R074875	CABDF00
	R074860	CAVEF00
	R074608	CABDF00
	R074092	CAVEF00
	R074085	CABDF00
	R074081	CAVQF00
	R074070	CABDF00
	R074060	CABDF00
	R074058	CAADF00
	R074018	CABDF00
	R074017	CABDF00
	R074016	CABDF00
	R074004	CAVEF00
	R073989	CABDF00
	R073988	CAVEF00
	R073987	CABDF00
	R073785	CAYTF00
	R073777	CABDF00
	R073508	CAYTF00
	R073490	CAADF00
	R073389	CABDF00
	R073203	CAVEF00
	R073094	CABDF00
	R072842	CAADF00
	R072714	CABDF00
	R072582	CAADF00