

CA Vantage Storage Resource Manager 14.0
CA RS 2010 Service List

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Service	Description	Type
S013225	UPDATED INTERFACE FOR CA VANTAGE SYSVIEW OBJECTS	PTF
S014122	ENHANCED CA VANTAGE HSM MCB/MCC AUDIT	PTF
S014758	UPDATES TO WEBZFSM, WEBHFSM AND VANWEBUI SAMPLES + VANWEDBM	PTF
S014807	ENHANCED THIN PROVISIONING AND DATA COLLECTION FOR DELL/EMC	PTF
The CA RS 2010 service count for this release is 4		

CA Vantage Storage Resource Manager
CA RS 2010 Service List for CCTUE00

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FMID	Service	Description	Type
CCTUE00	SO13225	UPDATED INTERFACE FOR CA VANTAGE SYSVIEW OBJECTS	PTF
	SO14122	ENHANCED CA VANTAGE HSM MCB/MCC AUDIT	PTF
	SO14758	UPDATES TO WEBZFSM, WEBHFSM AND VANWEBUI SAMPLES + VANWEDBM	PTF
	SO14807	ENHANCED THIN PROVISIONING AND DATA COLLECTION FOR DELL/EMC	PTF
The CA RS 2010 service count for this FMID is 4			

Service	Details
S013225	M.C.S. ENTRIES = ++PTF (S013225) UPDATED INTERFACE FOR CA VANTAGE SYSVIEW OBJECTS ENHANCEMENT DESCRIPTION: This SYSMOD enhances internal CA Vantage services to support CA Vantage Sysview objects with data stored above the bar - 64Bit. Additionally, this SYSMOD changes the starting sequence so that the CA Vantage status monitor component (STMON) starts before the CA Vantage Sysview component. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None PRODUCTS AFFECTED: CA Vantage SRMRelease 14.0 CA Vantage GMIRelease 14.0 Related Problem: VANT 9972 Copyright (C) 2020 CA. All rights reserved. R00358-CTU140-SP1 DESC(UPDATED INTERFACE FOR CA VANTAGE SYSVIEW OBJECTS) . ++VER (Z038) FMID (CCTUE00) PRE (R087496 R092145 R098189 S008472 S012492) SUP (ST13225) ++HOLD (S013225) SYSTEM FMID(CCTUE00) REASON (ENH) DATE (20269) COMMENT (+-----+ CA Vantage SRM and CA Vantage GMI Version 14.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Describes the new enhancement to CA Vantage. +-----+ USERS All users. AFFECTED +-----+ KNOWLEDGE None. REQUIRED +-----+ ACCESS CA Vantage libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** This SYSMOD enhances internal CA Vantage services to support CA Vantage Sysview objects with data stored above the bar - 64Bit. Additionally, this SYSMOD changes the starting sequence so that the CA Vantage status monitor component (STMON) starts before the CA Vantage Sysview component.

CA Vantage Storage Resource Manager 14.0
CA RS 2010 - PTF SO13225 Details

Service	Details
	This enhancement is delivered as activated.).

Service	Details	
S014122	M.C.S. ENTRIES = ++PTF (S014122) ENHANCED CA VANTAGE HSM MCB/MCC AUDIT ENHANCEMENT DESCRIPTION: This SYSMOD enhances the CA Vantage audit processing for HSM MCB/MCC as follows: * Significantly reduces below the bar memory usage * Enables zIIP support Additionally, this SYSMOD: 1. Adds a new column "TTCKey" (TTOC key - specifies the TTOC record where the data set should reside) to the following objects: * "(HSMAMCBG) DFSMSShsm MCB/MCC Audit Details" located under Backup and Archive Management - DFSMSShsm - Audits - Details. * "(HSMAMCBD) DFSMSShsm MCB/MCC Audit Details" that can be zoomed to from "(HSMAMCBS) DFSMSShsm MCB/MCC Audit Summary" located under Backup and Archive Management - DFSMSShsm - Audits - Summary. 2. Adds the "Total Number of Versions" field to the Totals object statistics for the "(HSMCB) DFSMSShsm BCDS Data Set Records" object located under Backup and Archive Management - DFSMSShsm - Control Data Sets - BCDS Data Set Records. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCTS AFFECTED: CA Vantage SRM Release 14.0 CA Vantage GMI Release 14.0 Related Problem: VANT 9991 Copyright (C) 2020 CA. All rights reserved. R00389-CTU140-SP1 DESC(ENHANCED CA VANTAGE HSM MCB/MCC AUDIT). ++VER (Z038) FMID (CCTUE00) PRE (R089834 S008213 S011427) SUP (ST14122) ++HOLD (S014122) SYSTEM FMID(CCTUE00) REASON (ENH) DATE (20269) COMMENT (+-----+ CA Vantage SRM and CA Vantage GMI Version 14.0 +-----+ +-----+ SEQUENCE After Apply Before using the following objects: (HSMAMCBG) DFSMSShsm MCB/MCC Audit Details (HSMAMCBD) DFSMSShsm MCB/MCC Audit Details (from HSMAMCBS) (HSMCB) DFSMSShsm BCDS Data Set Records +-----+ PURPOSE Describe enhancements of CA Vantage objects. +-----+ USERS All users of the following objects:	

Service	Details
AFFECTED	(HSMAMCBG) DFSMSHsm MCB/MCC Audit Details
	(HSMAMCBD) DFSMSHsm MCB/MCC Audit Details (from HSMAMCBS)
	(HSMCB) DFSMSHsm BCDS Data Set Records
+-----+	
KNOWLEDGE	CA Vantage customization.
REQUIRED	
+-----+	
ACCESS	CA Vantage libraries.
REQUIRED	
+-----+	

* STEPS TO PERFORM *	

This SYSMOD enhances the CA Vantage audit processing for HSM MCB/MCC as follows:	
* Significantly reduces below the bar memory usage	
* Enables zIIP support	
Additionally, this SYSMOD:	
1. Adds a new column "TTKey" (TTOC key - specifies the TTOC record where the data set should reside) to the following objects:	
* "(HSMAMCBG) DFSMSHsm MCB/MCC Audit Details" located under Backup and Archive Management - DFSMSHsm - Audits - Details.	
* "(HSMAMCBD) DFSMSHsm MCB/MCC Audit Details" that can be zoomed to from "(HSMAMCBS) DFSMSHsm MCB/MCC Audit Summary" located under Backup and Archive Management - DFSMSHsm - Audits - Summary.	
2. Adds the "Total Number of Versions" field to the Totals object statistics for the "(HSMCB) DFSMSHsm BCDS Data Set Records" object located under Backup and Archive Management - DFSMSHsm - Control Data Sets - BCDS Data Set Records.	
This enhancement is delivered as activated.	
).	
++HOLD (SO14122) SYSTEM FMID(CCTUE00)	
REASON (EXIT) DATE (20269)	
COMMENT (	
+-----+	
	CA Vantage SRM and CA Vantage GMI Version 14.0
+-----+	
SEQUENCE	After Apply
	Before using the following objects:
	(HSMAMCBG) DFSMSHsm MCB/MCC Audit Details
	(HSMAMCBD) DFSMSHsm MCB/MCC Audit Details (from HSMAMCBS)
+-----+	
PURPOSE	New Map of objects.
+-----+	
USERS	All users of the following objects:
AFFECTED	(HSMAMCBG) DFSMSHsm MCB/MCC Audit Details
	(HSMAMCBD) DFSMSHsm MCB/MCC Audit Details (from HSMAMCBS)
	or users using log or capture records of related objects.
+-----+	
KNOWLEDGE	CA Vantage Customization.
REQUIRED	
+-----+	
ACCESS	CA Vantage libraries.

Service	Details
	<pre> REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** Mappings have changed for the following object: * Obj=(HSMAMCBG) DFSMSHsm MCB/MCC Audit Details Column "TTKey" is added. * Obj=(HSMAMCBD) DFSMSHsm MCB/MCC Audit Details Column "TTKey" is added. 1. Reload the related Windows Client object definition on any system where this maintenance is installed. 2. If you have Windows Client User View or Web Client dashboard created on any of the objects above, go to View and Output Object definition or Dashboard setting and ensure that the columns of your interest are selected to be displayed. 3. If any of the objects above are specified in Summary, Joined, Delta, User view, Console or Dashboard object definition filters, review the fields in the filter to ensure that the correct field or value is tested. 4. If any of the fields above are specified in SYSTEM, LOG, GOA, AUDIT, MESSAGE script filter criteria, review the script filter criteria and ensure that correct field or value is being tested. 5. Review and update your programs or templates that use the objects above. Update your programs or templates that work with log or capture records of the objects above. For more information, see the MAPPINGS member distributed in the CCTUSAMP library.).</pre>

Service	Details
SO14758	SO14758 M.C.S. ENTRIES = ++PTF (SO14758) UPDATES TO WEBZFSM, WEBHFSM AND VANWEBUI SAMPLES + VANWEDBM PROBLEM DESCRIPTION: 1.The CA Vantage sample jobs WEBZFSM and WEBHFSM located in yourHLQ.CCTUSAMP library allocate the VANT.WEBUI.ZFS zFS cluster as CYL(100 5), which is not sufficient for Web Client 14.0.07. 2.The CA Vantage sample procedure for starting Web Client contains IJO="\$IJO -Djava.awt.headless=false" that prevents pictures, such as company logo, to be uploaded to Web Client and used in reports. This SYSMOD: 1.Updates the allocation parameter for VANTDB in WEBZFSM and WEBHFSM sample jobs to CYL(1000 50). 2.Updates the VANWEBUI procedure to use IJO="\$IJO - Djava.awt.headless=true". 3.Delivers new sample VANWEDBM job into yourHLQ.CCTUSAMP library. VANWEDBM job copies current Web Client database zFS cluster into newly allocated Web Client database zFS cluster ensuring your previously created data, such as dashboards, host definitions will be available in Web Client 14.0.07. SYMPTOMS: 1.Following message can appear in the Web Client STC log: IOEZ00551E Aggregate VANT.WEBUI.ZFS.RUN ran out of space. 2.The "Error - Action Failed - Image was not successfully loaded" message is displayed in Web Client. IMPACT: 1.Migration of the CA Vantage Windows Client User Views into Web Client might fail. New CA Vantage user dashboards cannot be created. 2.Company logo cannot be attached to the Web Client reports. CIRCUMVENTION: 1.New Web Client customer - prior to installing Web Client 14.0.07 change the allocation to CYL(1000 50) in WEBZFSM sample job manually and execute the job. Current customer - reallocate your Web Client database zFS cluster into a larger one, CYL(1000 5), using IDCAMS REPRO. 2.Manually change IJO="\$IJO -Djava.awt.headless=false" to IJO="\$IJO -Djava.awt.headless=true" in your Web Client starting procedure. PRODUCT(S) AFFECTED: CA Vantage SRM Release14.0 CA Vantage GMI Release14.0 Related Problem: VANT 10012 Copyright (C) 2020 CA. All rights reserved. R00405-CTU140-SP1 DESC(UPDATES TO WEBZFSM, WEBHFSM AND VANWEBUI SAMPLES + VANWEDBM). ++VER (Z038) FMID (CCTUE00) PRE (R089383 R089834 R092145) SUP (S004124 ST04124 ST14753 ST14758) ++HOLD (SO14758) SYSTEM FMID(CCTUE00) REASON (ACTION) DATE (20254) COMMENT (+-----+ CA Vantage SRM and CA Vantage GMI

Service	Details
	<pre> SEQUENCE After Apply Before installing CA Vantage Web Client 14.0.07 +-----+ PURPOSE To use updated job allocating libraries for Web Client 14.0.07. +-----+ USERS Users of Web Client 14.0.07 AFFECTED +-----+ KNOWLEDGE JCL. REQUIRED +-----+ ACCESS CA Vantage libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** NEW CA Vantage Web Client 14.0.07 customer: 1.In yourHLQ.CCTUSAMP library locate the WEBZFSM or WEBHFSM sample job, customize and execute the job according to self-contained instruction. CURRENT CA Vantage Web Client customer migrating to 14.0.07: 1.In yourHLQ.CCTUSAMP library locate the VANWEBDBM sample job, customize and execute the job according to self-contained instruction. +-----+ SEQUENCE After Apply Before uploading a picture in the Export Settings in web Client 14.0.06 and higher. +-----+ PURPOSE To support having your own picture - company logo, in the Web Client exports/reports. +-----+ USERS All current users of CA Vantage Web Client that want to AFFECTED have a picture - company logo as a part of the Web Client exports/reports. +-----+ KNOWLEDGE JCL. CA Vantage Web Client customization. REQUIRED +-----+ ACCESS CA Vantage libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1.If applicable, create a backup of your current CA Vantage Web Client Starting procedure. 2.If applicable, delete the old CA Vantage Web Client starting procedure. 3.In yourHLQ.CCTUSAMP library locate the VANWEBUI sample starting procedure for CA Vantage Web Client. 4.Copy the VANWEBUI member into your system PROCLIB. </pre>

Service	Details
	5.Customize VANWEBUI in your system PROCLIB according self-contained instructions. 6.If applicable, recycle the CA Vantage Web Client STC.) .

Service	Details
SO14807	SO14807 M.C.S. ENTRIES = ++PTF (SO14807) ENHANCED THIN PROVISIONING AND DATA COLLECTION FOR DELL/EMC ENHANCEMENT DESCRIPTION: This SYSMOD brings enhancements to the CA Vantage RAID support of Dell EMC. Objects are located under RAID Devices, and RAID Devices - Dell/EMC Arrays - EMC SymmAPI Information - VMAX and HYPERMAX, POWERMAX in CA Vantage object tree. 1.Adds the "Rel Space Vol - Release thin-provisioned space that is not currently used." action into the following objects: (OBJ02183) EMC Hypermax/Powermax Thin Allocations (OBJ02185) EMC Hypermax/Powermax Thin Status 2.Enhances the following object to support EMC and IBM vendors thin-provisioned volumes, and to support "Space Rel Vol" for both vendors (other vendors are not supported yet): (OBJ02187) Thin Provisioning Volumes 3.Enhances the following objects to support the Real Time data collection mode, while the Last Interval Mode - LI data can be collected for those in intervals specified by the CA Vantage system parameter EMCINTVL: (OBJ02169) EMC VMAX Thin Allocations (OBJ02172) EMC VMAX Thin Pools (OBJ02173) EMC VMAX Data Devices (OBJ02175) EMC VMAX Thin Status (OBJ02179) EMC Hypermax/Powermax Thin Pools (OBJ02183) EMC Hypermax/Powermax Thin Allocations (OBJ02184) EMC Hypermax/Powermax Data Devices (OBJ02185) EMC Hypermax/Powermax Thin Status (OBJ02186) EMC Hypermax/Powermax Stor Res Pools SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. CA Vantage SRM Release 14.0 CA Vantage GMI Release 14.0 Related Problem: VANT 9984 Copyright (C) 2020 CA. All rights reserved. R00414-CTU140-SP1 DESC (ENHANCED THIN PROVISIONING AND DATA COLLECTION FOR DELL/EMC). ++VER (Z038) FMID (CCTUE00) PRE (R084906 R087496 R088960 R090570 R092145 R097383 R097682 R098189 R099407 S000577 S001478 S001683 S003923 S006202 S006433 S008389 S011198 S011730 S012692 S012695 S012928 S013844) SUP (R095228 ST14017 ST14797 ST14807 TR95077 TR95228) ++HOLD (SO14807) SYSTEM FMID(CCTUE00) REASON (ENH) DATE (20255) COMMENT (+-----+ CA Vantage SRM and CA Vantage GMI Version 14.0 +-----+

Service	Details		
	SEQUENCE	After Apply	
		Before using the following objects:	
		(OBJ02187) Thin Provisioning Volumes	
		(OBJ02169) EMC VMAX Thin Allocations	
		(OBJ02172) EMC VMAX Thin Pools	
		(OBJ02173) EMC VMAX Data Devices	
		(OBJ02175) EMC VMAX Thin Status	
		(OBJ02183) EMC HyperMax/PowerMax Thin Allocations	
		(OBJ02179) EMC HyperMax/PowerMax Thin Pools	
		(OBJ02184) EMC HyperMax/PowerMax Data Devices	
		(OBJ02185) EMC HyperMax/PowerMax Thin Status	
		(OBJ02186) EMC HyperMax/PowerMax Stor Res Pools	
	+-----+		
	PURPOSE	Describe enhancements of CA Vantage objects.	
	+-----+		
	USERS	All users who want to use RECLAIM action for Thin	
	AFFECTED	Provisioning for EMC POWERMAX/HYPERMAX boxes, users of	
		following objects:	
		(OBJ02187) Thin Provisioning Volumes	
		(OBJ02169) EMC VMAX Thin Allocations	
		(OBJ02172) EMC VMAX Thin Pools	
		(OBJ02173) EMC VMAX Data Devices	
		(OBJ02175) EMC VMAX Thin Status	
		(OBJ02183) EMC HyperMax/PowerMax Thin Allocations	
		(OBJ02179) EMC HyperMax/PowerMax Thin Pools	
		(OBJ02184) EMC HyperMax/PowerMax Data Devices	
		(OBJ02185) EMC HyperMax/PowerMax Thin Status	
		(OBJ02186) EMC HyperMax/PowerMax Stor Res Pools	
	+-----+		
	KNOWLEDGE	CA Vantage customization.	
	REQUIRED		
	+-----+		
	ACCESS	CA Vantage libraries.	
	REQUIRED		
	+-----+		

	* STEPS TO PERFORM *		

	This SYSMOD brings the following enhancements to the CA Vantage RAID support of the Dell EMC:		
	* Adds the "Rel Space Vol - Release thin-provisioned space that is not currently used." action into the following objects:		
	(OBJ02183) EMC Hypermax/Powermax Thin Allocations		
	(OBJ02185) EMC Hypermax/Powermax Thin Status		
	* Enhances the following object to support EMC and IBM vendors thin-provisioned volumes, and to support "Space Rel Vol" for both vendors (other vendors are not supported yet):		
	(OBJ02187) Thin Provisioning Volumes		
	* Enhances the following objects to support the Real Time data collection Mode, while the Last Interval Mode - LI data can be collected for those objects in intervals specified by the CA Vantage system parameter EMCINTVL:		

Service	Details
	(OBJ02169) EMC VMAX Thin Allocations (OBJ02172) EMC VMAX Thin Pools (OBJ02173) EMC VMAX Data Devices (OBJ02175) EMC VMAX Thin Status (OBJ02179) EMC Hypermax/Powermax Thin Pools (OBJ02183) EMC Hypermax/Powermax Thin Allocations (OBJ02184) EMC Hypermax/Powermax Data Devices (OBJ02185) EMC Hypermax/Powermax Thin Status (OBJ02186) EMC Hypermax/Powermax Stor Res Pools 1.This feature is delivered for current users of the CA Vantage RAID devices objects (Dell/EMC Arrays) as activated.).

CA Vantage Storage Resource Manager 14.0
CA RS 2010 Product/Component Listing

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Product Family	Product	Release
Storage	CA VANTAGE SRM AND CA VANTAGE GMI	14.00.00
The CA RS 2010 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2010	S014807	CCTUE00
	S014758	CCTUE00
	S014122	CCTUE00
	S013225	CCTUE00
CAR2009	S014355	CCTUE00
	S014312	CCTUE00
	S014300	CCTUE00
	S014220	CCTUE00
	S013968	CCTUE00
	S013838	CCTUE00
	S013713	CCTUE00
	S013693	CCTUE00
	S013688	CCTUE00
	S013654	CCTUE00
	S013648	CCTUE00
	S013527	CCTUE00
	S013207	CCTUE00
CAR2008	S013928	CCTUE00
	S013844	CCTUE00
	S013622	CCTUE00
	S013209	CCTUE00
CAR2007	S013736	CCTUE00
	S013380	CCTUE00
	S013294	CCTUE00
	S013269	CCTUE00
	S013212	CCTUE00
CAR2006	S012731	CCTUE00
	S012592	CCTUE00
CAR2005	S012928	CCTUE00
	S012695	CCTUE00
	S012692	CCTUE00
	S012611	CCTUE00
	S012492	CCTUE00
	S011427	CCTUE00
CAR2004	S012440	CCTUE00
	S012092	CCTUE00
	S010873	CCTUE00
CAR2003	S011198	CCTUE00
CAR2002	S011730	CCTUE00
	S011670	CCTUE00
	S011503	CCTUE00
	S011327	CCTUE00
CAR1912	S010798	CCTUE00
	S010747	CCTUE00
	S009957	CCTUE00
	S009691	CCTUE00
CAR1911	S010499	CCTUE00

CA RS Level	Service	FMID
	S009744	CCTUE00
	S008705	CCTUE00
CAR1909	S009778	CCTUE00
	S009435	CCTUE00
	S009332	CCTUE00
	S009243	CCTUE00
	S009153	CCTUE00
	S008209	CCTUE00
CAR1908	S009295	CCTUE00
	S009283	CCTUE00
	S008949	CCTUE00
CAR1907	S008708	CCTUE00
	S008404	CCTUE00
CAR1906	S008472	CCTUE00
	S008389	CCTUE00
	S008213	CCTUE00
	S007908	CCTUE00
	S007903	CCTUE00
	S007752	CCTUE00
	S007633	CCTUE00
	S005631	CCTUE00
CAR1902	S006858	CCTUE00
	S006203	CCTUE00
CAR1901	S006758	CCTUE00
	S006433	CCTUE00
	S006079	CCTUE00
	S005955	CCTUE00
CAR1812	S006439	CCTUE00
	S006202	CCTUE00
	S006155	CCTUE00
	S005989	CCTUE00
CAR1811	S005406	CCTUE00
	S005313	CCTUE00
	S005185	CCTUE00
CAR1810	S005499	CCTUE00
	S005217	CCTUE00
	S004438	CCTUE00
CAR1809	S005060	CCTUE00
	S005029	CCTUE00
	S004770	CCTUE00
	S004633	CCTUE00
	S004310	CCTUE00
	S003862	CCTUE00
CAR1808	S004602	CCTUE00
	S004439	CCTUE00
	S004236	CCTUE00
	S004049	CCTUE00

CA RS Level	Service	FMID
	S003859	CCTUE00
CAR1807	S004124	CCTUE00
	S004038	CCTUE00
	S003923	CCTUE00
	S003710	CCTUE00
	S001683	CCTUE00
CAR1806	S003623	CCTUE00
	S001800	CCTUE00
	S001765	CCTUE00
	S001508	CCTUE00
	S001383	CCTUE00
	R099883	CCTUE00
	R099174	CCTUE00
CAR1805	S001503	CCTUE00
	S001478	CCTUE00
	S000950	CCTUE00
	S000868	CCTUE00
	S000655	CCTUE00
CAR1804	S000577	CCTUE00
	S000573	CCTUE00
	S000464	CCTUE00
	S000071	CCTUE00
	R099222	CCTUE00
	R099128	CCTUE00
	R097061	CCTUE00
CAR1802	R099708	CCTUE00
	R099407	CCTUE00
CAR1712	R098578	CCTUE00
CAR1711	R098387	CCTUE00
	R098309	CCTUE00
	R098197	CCTUE00
	R098113	CCTUE00
	R098037	CCTUE00
	R097610	CCTUE00
CAR1710	R098189	CCTUE00
	R097682	CCTUE00
	R097637	CCTUE00
CAR1709	R097572	CCTUE00
	R097384	CCTUE00
	R097383	CCTUE00
	R097229	CCTUE00
	R097212	CCTUE00
	R096735	CCTUE00
	R095510	CCTUE00
	R094392	CCTUE00
CAR1708	R097063	CCTUE00
	R096929	CCTUE00

CA RS Level	Service	FMID
	R095823	CCTUE00
	R095258	CCTUE00
	R093614	CCTUE00
CAR1706	R096064	CCTUE00
	R095843	CCTUE00
	R095842	CCTUE00
	R095373	CCTUE00
CAR1705	R095664	CCTUE00
	R095390	CCTUE00
	R095228	CCTUE00
	R094643	CCTUE00
	R093383	CCTUE00
CAR1703	R093652	CCTUE00
CAR1702	R093418	CCTUE00
	R093417	CCTUE00
	R093349	CCTUE00
	R093344	CCTUE00
	R093221	CCTUE00