

Vantage Storage Resource Manager 14.0
CA RS 2211 Service List

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Service	Description	Type
LU06215	VANTAGE DOES NOT SUPPORT EMC DLM VERSION 5.4	PTF
LU07111	HSM AUTO FUNCTIONS OBJECTS FAIL WHEN OPENED FROM DASHBOARD	PTF
LU07597	VAN0110E MESSAGE IS AMBIGIOUS, IMPROVED DIAGNOSTICS	PTF
LU07617	NEW COLUMNS WHILECAT,UNEXPIRED DSNB,MAXRETPD IN CA 1 OBJECTS	PTF
The CA RS 2211 service count for this release is 4		

Vantage Storage Resource Manager
CA RS 2211 Service List for CCTUE00

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FMID	Service	Description	Type
CCTUE00	LU06215	VANTAGE DOES NOT SUPPORT EMC DLM VERSION 5.4	PTF
	LU07111	HSM AUTO FUNCTIONS OBJECTS FAIL WHEN OPENED FROM DASHBOARD	PTF
	LU07597	VAN0110E MESSAGE IS AMBIGIOUS, IMPROVED DIAGNOSTICS	PTF
	LU07617	NEW COLUMNS WHILECAT,UNEXPIRED DSNB,MAXRETPD IN CA 1 OBJECTS	PTF
The CA RS 2211 service count for this FMID is 4			

Service	Details
LU06215	LU06215 M.C.S. ENTRIES = ++PTF (LU06215) REWORK(2022279) VANTAGE DOES NOT SUPPORT EMC DLM VERSION 5.4 PROBLEM DESCRIPTION: (OBJ10780) Space Utilization object located under Tape Resource Management Virtual Tape Systems - Dell/EMC DLM Virtual Tape in the Vantage object tree shows incorrect values in several columns for EMC DLM version 5.4. This SYSMOD ensures that Vantage shows correct values that reflect the scaling change introduced by EMC DLM 5.4 (From K, M, G and T to KiB, MiB, GiB or TiB). SYMPTOMS: Values in the FileSyst column start with additional characters that should belong to other fields in the object. Multiple columns in the object contain wrong values. IMPACT: Vantage provides incorrect information. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Version 14.0 Related Problem: VANT 17270 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00549-CTU140 DESC(VANTAGE DOES NOT SUPPORT EMC DLM VERSION 5.4). ++VER (Z038) FMID (CCTUE00) PRE (LU04288 S008209) SUP (LT06215)

Service	Details
LU07111	LU07111 M.C.S. ENTRIES = ++PTF (LU07111) REWORK(2022279) HSM AUTO FUNCTIONS OBJECTS FAIL WHEN OPENED FROM DASHBOARD PROBLEM DESCRIPTION: Errors may occur when the following Vantage HSM Auto Functions objects are opened in MTC-M dashboards: * (HSMAUTF) DFSMSHsm Auto Functions Summary * (HSMAUTAB) DFSMSHsm Auto Backup Summary by Volume * (HSMAUTAD) DFSMSHsm Auto Dump Summary by Volume * (HSMAUTPM) DFSMSHsm Primary Space Management Summary by Volume * (HSMAUTSM) DFSMSHsm Secondary Space Management Summary by Volume Possible errors: 1. Vantage fails to obtain memory for object processing. 2. Vantage objects show inaccurate data, or no data at all. SYMPTOMS: 1. The following (or similar) message appears in the JESMSGLG of the Vantage STC log: VAN0590E: GETMAIN FAILED, LEN= 58,616,168 SP=000 ID=OBJPTRS FOR HSMAUTAD 2. The above-mentioned objects provide inaccurate data, or no data at all. IMPACT: Misleading data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Version 14.0 Related Problem: VANT 17862 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00558-CTU140 DESC(HSM AUTO FUNCTIONS OBJECTS FAIL WHEN OPENED FROM DASHBOARD). ++VER (Z038) FMID (CCTUE00) PRE (LU04288 R092145 S009283 S009332) SUP (LT00956 LT07111 LU00956)

Service	Details
LU07597	LU07597 M.C.S. ENTRIES = ++PTF (LU07597) REWORK(2022300) VAN0110E MESSAGE IS AMBIGIOUS, IMPROVED DIAGNOSTICS PROBLEM DESCRIPTION: The "VAN0110E Exit ends with an error, check RC." can occur for several reasons, but the message is too ambiguous to provide enough diagnostic information. This SYSMOD introduces the following new messages to provide sufficient diagnostic information (including the Reason and Action) covering all the scenarios where VAN0110E appeared without further explanation: VAN0101E, VAN0106E, VAN0107E, VAN0108E, VAN0109E, VAN0112E, VAN0113E VAN0115E, VAN0116E, VAN0117E, VAN0118E, VAN0119E, VAN0120E. SYMPTOMS: The following message is presented in the JESMSGGLG part of the Vantage STC log: VAN0110E Exit ends with an error, check RC. IMPACT: The message VAN0110E is too ambiguous and does not provide sufficient diagnostic information. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Release 14.0 Related Problem: VANT 17861 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00561-CTU140 DESC(VAN0110E MESSAGE IS AMBIGIOUS, IMPROVED DIAGNOSTICS). ++VER (Z038) FMID (CCTUE00) PRE (LU01418 LU03144 LU04140 LU04288 R092145 R093652 R099407 S013380) SUP (LT06939 LT07597 ST04518)

Service	Details
LU07617	LU07617 M.C.S. ENTRIES = ++PTF (LU07617) REWORK(2022284) NEW COLUMNS WHILECAT,UNEXPIRED DSNB,MAXRETPD IN CA 1 OBJECTS ENHANCEMENT DESCRIPTION: This SYSMOD adds new columns to the following objects, located under Tape Resource Management - Tape Management Systems - CA 1 in the Vantage object tree, as follows: The columns "Keep if WHC", "Maxretpd", "Expired by EMX" were added to the (VISTMCD) CA 1 Files object and to the (VISTMCS) CA 1 Volumes object. In addition, the column "Keep if VEX" was added to the (VISTMCS) CA 1 Volumes object. The information in the column "Keep if WHC" helps you identify volumes that did not scratch as a result of still being cataloged, regardless of the expdt values. The information in the column "Keep if VEX" helps you identify volumes that did not scratch due to the SCRALL option being set to No. The information in the "Maxretpd" column indicates if a maxretpd was applied to the record, and what the maximum retention period is. The information in the "Expired by EMX" column helps you recognize if the record expired due to its maximum retention period having been met. NOTE: The following SYSMODs must also be applied in order to activate this feature: CA 1 v14.0 - FMID CAL0E00, PTF LU05200 Common Tape v14.0 - FMID CBAFE00, PTF LU05198 MF20.MSPS.CA1.CA1140.P2.PTFLIB(LU05200) MF20.MSPS.CTS.CTS140.P2.PTFLIB(LU05198) SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Release 14.0 Related Problem: VANT 14429 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00563-CTU140 DESC(NEW COLUMNS WHILECAT,UNEXPIRED DSNB,MAXRETPD IN CA 1 OBJECTS). ++VER (Z038) FMID (CCTUE00) PRE (LU04288 R087496 R093221 R099407 S004439 S005499 S011503 S013212 S015034 S016171) SUP (LT01774 LT02682 LT05485 LT07330 LT07575 LT07615 LT07617 LU02682 S000464 S007752 S013654 S015014 ST00464 ST07752 ST12246 ST13654 ST14486 ST15014 ST15793) ++IF FMID(CAL0E00) REQ(LU05200). ++IF FMID(CBAFE00) REQ(LU05198). ++HOLD (LU07617) SYSTEM FMID(CCTUE00) REASON (ENH) DATE (22284) COMMENT (+-----+

Service	Details	
	Vantage Storage Resource Manager	Version 14.0
+-----+		
SEQUENCE	After Apply.	
	Before using the following Vantage objects:	
	* (VISTMCD) CA 1 Files	
	* (VISTMCS) CA 1 Volumes	
+-----+		
PURPOSE	Describe enhancements to the following Vantage objects:	
	* (VISTMCD) CA 1 Files	
	* (VISTMCS) CA 1 Volumes	
+-----+		
USERS	All users of the following Vantage objects:	
AFFECTED	* (VISTMCD) CA 1 Files	
	* (VISTMCS) CA 1 Volumes	
	and users using log or capture records of the related	
	objects.	
+-----+		
KNOWLEDGE	Vantage customization.	
REQUIRED		
+-----+		
ACCESS	Vantage libraries.	
REQUIRED		
+-----+		

* STEPS TO PERFORM *		

This SYSMOD adds new columns to the following objects, located under Tape Resource Management - Tape Management Systems - CA 1 in the Vantage object tree, as follows:		
The columns "Keep if WHC", "Maxretpd", "Expired by EMX" were added to the (VISTMCD) CA 1 Files object and to the (VISTMCS) CA 1 Volumes object. In addition, the column "Keep if VEX" was added to the (VISTMCS) CA 1 Volumes object.		
The information in the column "Keep if WHC" helps you identify volumes that did not scratch as a result of still being cataloged, regardless of the expdt values.		
The information in the column "Keep if VEX" helps you identify volumes that did not scratch due to the SCRALL option being set to No.		
The information in the "Maxretpd" column indicates if a maxretpd was applied to the record, and what the maximum retention period is.		
The information in the "Expired by EMX" column helps you recognize if the record expired due to its maximum retention period having been met.		
NOTE:		
The following SYSMODs must also be applied in order to activate this feature:		
CA 1 v14.0 - FMID CAL0E00, PTF LU05200		
Common Tape v14.0 - FMID CBAFE00, PTF LU05198		
MF20.MSPS.CA1.CA1140.P2.PTFLIB(LU05200)		
MF20.MSPS.CTS.CTS140.P2.PTFLIB(LU05198)		
).		
++HOLD (LU07617) SYSTEM FMID(CCTUE00)		
REASON (EXIT) DATE (22284)		
COMMENT (		
+-----+		

Service	Details	
	Vantage Storage Resource Manager	Version 14.0
+-----+-----+-----+-----+-----+-----+		
SEQUENCE	After Apply.	
	Before using the following Vantage objects:	
	* (VISTMCD) CA 1 Files	
	* (VISTMCS) CA 1 Volumes	
+-----+-----+-----+-----+-----+-----+		
PURPOSE	New map of the objects.	
+-----+-----+-----+-----+-----+-----+		
USERS	All users of the following Vantage objects:	
AFFECTED	* (VISTMCD) CA 1 Files	
	* (VISTMCS) CA 1 Volumes	
	and users using log or capture records of the related	
	objects.	
+-----+-----+-----+-----+-----+-----+		
KNOWLEDGE	Vantage Customization.	
REQUIRED		
+-----+-----+-----+-----+-----+-----+		
ACCESS	Vantage libraries.	
REQUIRED		
+-----+-----+-----+-----+-----+-----+		

* STEPS TO PERFORM *		

Mappings have changed for the following objects:		
* (VISTMCS) CA 1 Volumes		
The following new columns have been added:		
"Keep if WHC" - VOL not scratched due to whilecat		
"Keep if VEX" - VOL retained by sec. files		
"Maxretpd" - VOL maximum retention period		
"Expired by EMX" - VOL expired due to maxretpd		
* (VISTMCD) CA 1 Files		
The following new columns have been added:		
"Keep if WHC" - DSNB not scratched due to whilecat		
"Maxretpd" - File Max Retention Period		
"Expired by EMX" - DSNB expired due to maxretpd		
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.		

Service	Details		
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MCS	LU06215	STARTS ON PAGE 0002	
MCS	LU07111	STARTS ON PAGE 0002	
MCS	LU07597	STARTS ON PAGE 0003	
MCS	LU07617	STARTS ON PAGE 0005	

Product Family	Product	Release
Performance and Storage	CA VANTAGE SRM AND CA VANTAGE GMI	14.00.00
The CA RS 2211 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
CAR2211	LU07617	CCTUE00
	LU07597	CCTUE00
	LU07111	CCTUE00
	LU06215	CCTUE00
CAR2210	LU06543	CCTUE00
CAR2209	LU07040	CCTUE00
	LU06647	CCTUE00
CAR2207	LU05646	CCTUE00
	LU04098	CCTUE00
CAR2206	LU06053	CCTUE00
	LU05538	CCTUE00
	LU05251	CCTUE00
	LU05054	CCTUE00
CAR2205	LU04853	CCTUE00
	LU04499	CCTUE00
CAR2204	LU05033	CCTUE00
	LU04735	CCTUE00
	LU04544	CCTUE00
	LU04394	CCTUE00
	LU04156	CCTUE00
	LU03441	CCTUE00
CAR2203	LU04500	CCTUE00
	LU04140	CCTUE00
	LU03372	CCTUE00
CAR2202	LU04288	CCTUE00
	LU04216	CCTUE00
	LU04144	CCTUE00
CAR2201	LU03889	CCTUE00
	LU03784	CCTUE00
	LU03646	CCTUE00
	LU03273	CCTUE00
	LU03189	CCTUE00
	LU02949	CCTUE00
	LU02763	CCTUE00
	LU02476	CCTUE00
CAR2112	LU03144	CCTUE00
CAR2111	SO15751	CCTUE00
	LU03090	CCTUE00
	LU02764	CCTUE00
CAR2110	SO15675	CCTUE00
	LU02682	CCTUE00
	LU02235	CCTUE00
CAR2109	LU02347	CCTUE00
	LU02304	CCTUE00
	LU02282	CCTUE00
	LU01764	CCTUE00
	LU01646	CCTUE00

CA RS Level	Service	FMID
	LU01595	CCTUE00
	LU01418	CCTUE00
	LU01320	CCTUE00
CAR2108	LU01355	CCTUE00
	LU00760	CCTUE00
CAR2107	LU01653	CCTUE00
	LU00357	CCTUE00
CAR2106	LU01004	CCTUE00
	LU00956	CCTUE00
	LU00780	CCTUE00
CAR2105	LU00963	CCTUE00
	LU00828	CCTUE00
	LU00776	CCTUE00
	LU00671	CCTUE00
	LU00665	CCTUE00
CAR2104	LU00490	CCTUE00
CAR2103	LU00324	CCTUE00
	LU00218	CCTUE00
CAR2102	S016171	CCTUE00
	S016093	CCTUE00
	S015851	CCTUE00
	S015676	CCTUE00
CAR2101	S015965	CCTUE00
	S015786	CCTUE00
	S015749	CCTUE00
	S015721	CCTUE00
	S015720	CCTUE00
	S015719	CCTUE00
	S015673	CCTUE00
	S015672	CCTUE00
	S015671	CCTUE00
CAR2012	S014770	CCTUE00
	S011935	CCTUE00
CAR2011	S015252	CCTUE00
	S015052	CCTUE00
	S015037	CCTUE00
	S015036	CCTUE00
	S015034	CCTUE00
	S015014	CCTUE00
CAR2010	S014807	CCTUE00
	S014758	CCTUE00
	S014122	CCTUE00
	S013225	CCTUE00
CAR2009	S014355	CCTUE00
	S014312	CCTUE00
	S014300	CCTUE00
	S014220	CCTUE00

CA RS Level	Service	FMID
	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
	S009744	CCTUE00
	S008705	CCTUE00
CAR1909	S009778	CCTUE00
	S009435	CCTUE00
	S009332	CCTUE00
	S009243	CCTUE00
	S009153	CCTUE00
	S008209	CCTUE00

CA RS Level	Service	FMID
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
	S003859	CCTUE00
CAR1807	S004124	CCTUE00
	S004038	CCTUE00
	S003923	CCTUE00
	S003710	CCTUE00
	S001683	CCTUE00
CAR1806	S003623	CCTUE00
	S001800	CCTUE00

CA RS Level	Service	FMID
	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
	R095823	CCTUE00
	R095258	CCTUE00
	R093614	CCTUE00
CAR1706	R096064	CCTUE00
	R095843	CCTUE00
	R095842	CCTUE00
	R095373	CCTUE00
CAR1705	R095664	CCTUE00

CA RS Level	Service	FMID
	R095390	CCTUE00
	R095228	CCTUE00
	R094643	CCTUE00
	R093383	CCTUE00
CAR1703	R093652	CCTUE00
CAR1702	R093418	CCTUE00
	R093417	CCTUE00
	R093349	CCTUE00
	R093344	CCTUE00
	R093221	CCTUE00