

Vantage Storage Resource Manager 14.0
CA RS 2204 Service List

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Service	Description	Type
LU03441	LOOP IN VISCASCR CA 1 SCRATCH POOL DEFINITIONS OBJECT	PTF
LU04156	OBJECT "ALL STORAGE SUBSYSTEMS" MIGHT SHOW ZERO VALUES	PTF
LU04394	VANTAGE THREADS REMAIN IN DB2 APPLICATION	** PRP **
LU04544	VANTAGE HSM DELETE BACKUP ACTION ISSUES	PTF
LU04735	OBJECT "ZIIP SERVER INFORMATION" DOES NOT SHOW DATA	PTF
LU05033	NEW VANTAGE HEALTH CHECKS AND VAN1611E MESSAGE	PTF
The CA RS 2204 service count for this release is 6		

Vantage Storage Resource Manager
CA RS 2204 Service List for CCTUE00

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FMID	Service	Description	Type
CCTUE00	LU03441	LOOP IN VISCASCR CA 1 SCRATCH POOL DEFINITIONS OBJECT	PTF
	LU04156	OBJECT "ALL STORAGE SUBSYSTEMS" MIGHT SHOW ZERO VALUES	PTF
	LU04394	VANTAGE THREADS REMAIN IN DB2 APPLICATION	** PRP **
	LU04544	VANTAGE HSM DELETE BACKUP ACTION ISSUES	PTF
	LU04735	OBJECT "ZIIP SERVER INFORMATION" DOES NOT SHOW DATA	PTF
	LU05033	NEW VANTAGE HEALTH CHECKS AND VAN1611E MESSAGE	PTF
The CA RS 2204 service count for this FMID is 6			

Service	Details
LU03441	LU03441 M.C.S. ENTRIES = ++PTF (LU03441) LOOP IN VISCASCR CA 1 SCRATCH POOL DEFINITIONS OBJECT PROBLEM DESCRIPTION: 1. If the TMOSCR00 member of yourhlq.CTAPOPTN CA 1 library contains comments interspersed among the SCRPOOL entries, zooming to the "(VISCASCR) CA 1 Scratch Pool Definitions" object may create an infinite loop upon execution, and provide no data as a result. The VISCASCR object can be zoomed to from the "(VISCASYS) CA 1 System Definitions" object located under Tape Resource Management - Tape Management Systems - CA 1 in the Vantage object tree. 2. The "(VISCASCR) CA 1 Scratch Pool Definitions" object contains a typo in the "Scratch Pool" column name. SYMPTOMS: 1. An attempt to zoom to the VISCASCR object results in the object being unresponsive, which may cause an increase in CPU utilization. 2. The column name is spelled as "Scracth Pool". IMPACT: 1. If the VISCASCR object view cannot be cancelled, the Vantage STC may need to be recycled to break the loop. 2. A misleading column name. CIRCUMVENTION: 1. Remove comment lines from the TMOSCR00 member of yourhlq.CTAPOPTN CA 1 library. 2. None. PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Release 14.0 Related Problem: VANT 15281 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00513-CTU140 DESC(LOOP IN VISCASCR CA 1 SCRATCH POOL DEFINITIONS OBJECT). ++VER (Z038) FMID (CCTUE00) PRE (LU04288 R087496 R099407 S014355) SUP (LT03441)

Service	Details
LU04156	LU04156 M.C.S. ENTRIES = ++PTF (LU04156) OBJECT "ALL STORAGE SUBSYSTEMS" MIGHT SHOW ZERO VALUES PROBLEM DESCRIPTION: Object (OBJ02231) All Storage Subsystems located under RAID Devices in the Vantage object tree might incorrectly show zero values in several columns. This SYSMOD ensures that OBJ02231 shows valid values in all columns. SYMPTOMS: The following columns in OBJU02231 can show 0 (zero) values: *Avail Cap *Alloc Cap *Free Cap *%Avail in Use IMPACT: Object can provide misleading information. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage SRM and Vantage GMI Version 14.0 Related Problem: VANT 15788 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00528-CTU140 DESC(OBJECT "ALL STORAGE SUBSYSTEMS" MIGHT SHOW ZERO VALUES). ++VER (Z038) FMID (CCTUE00) PRE (LU04288 S012692) SUP (LT04156)

Service	Details
LU04394	LU04394 M.C.S. ENTRIES = ++PTF (LU04394) VANTAGE THREADS REMAIN IN DB2 APPLICATION This SYSMOD is a PRP for PE LU01004. PROBLEM DESCRIPTION: SYSMOD LU01004 introduced the following issues: 1. It does not resolve the original issue of Vantage support for IBM DB2 when some of the Vantage DB2 threads may be left unclosed. 2. The following objects stopped working and provide no data: - (OBJ12029) Table Space Occupancy - (OBJ12030) Index Space Occupancy Both objects are located under the Database Management - DB2 folder in the Vantage object tree. This SYSMOD ensures that Vantage DB2 threads are closed and the above-mentioned objects provide correct data. SYMPTOMS: 1. There are long DB2 threads running with DB2 plan VANDB2RM. 2. The following messages appear in the client upon execution of objects OBJ12029 and OBJ12030, respectively: VKG0193I Obj=OBJ12029 not created yet, or null (PIN msg) VKG0193I Obj=OBJ12030 not created yet, or null (PIN msg) IMPACT: 1. Vantage DB2 threads that are left unclosed have to be cancelled outside of Vantage. 2. Objects OBJ12029 and OBJ12030 provide no data. CIRCUMVENTION: 1 and 2. None. PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Release 14.0 Related Problem: VANT 15051 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00531-CTU140 DESC(VANTAGE THREADS REMAIN IN DB2 APPLICATION). ++VER (Z038) FMID (CCTUE00) PRE (LU01653 LU04288 R084906 R087496 R090570 R099708 SO05060) SUP (AL01004 LT01004 LT04394 LU01004 TR97684) ++HOLD (LU04394) SYSTEM FMID(CCTUE00) REASON (DB2BIND) DATE (22060) COMMENT (<pre> +-----+ Vantage Storage Resource Manager Version 14.0 +-----+-----+ SEQUENCE After Apply. Before using CA Vantage objects for IBM DB2 support. +-----+-----+ PURPOSE Rebind DB2 because DBRMs have been changed. +-----+-----+ USERS Only CA Vantage SRM users licensed for Database Support AFFECTED with a configuration of the Vantage product for IBM DB2. +-----+-----+ </pre>

Service	Details
	KNOWLEDGE IBM DB2 Database Administration and Vantage customization. REQUIRED +-----+-----+ ACCESS IBM DB2 Database update, CA Vantage libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** After the SMP/E APPLY of this SYSMOD: 1.Locate the DB2PACK sample job in your yourHLQ.CCTUSAMP library. 2.Customize and run the job to bind product packages, and map out in order to include every DB2 system that you want in your CA Vantage DB2 objects. 3.Recycle CA Vantage STC.).

Service	Details
LU04544	LU04544 M.C.S. ENTRIES = ++PTF (LU04544) VANTAGE HSM DELETE BACKUP ACTION ISSUES PROBLEM DESCRIPTION: This SYSMOD resolves several issues: 1. The Vantage HSM "Delete Backup" action incorrectly requires the "From Volume" parameter, when it should be optional. The action is available from the "(HSMCC) DFSMSHsm BCDS Backup Version Records" object located under the Backup and Archive Management - DFSMSHsm - Control Data Sets folder in the Vantage object tree. 2. In the "Delete Backup" action dialog, the data set parameter "From Volume" is incorrectly set to the value of the "Backup Volume" parameter instead of "Source Volume". 3. When the "Delete Backup" action is used for a non-SMS uncataloged data set, it is incorrectly recognized as an SMS data set which causes the resulting DFSMSHsm BDELETE command to fail. 4. There is a memory leak in the "(HSMCC) DFSMSHsm BCDS Backup Version Records" object. Additionally, this SYSMOD introduces a new column "SMS" to the HSMCC object. This column indicates whether the corresponding data set is SMS-managed. SYMPTOMS: 1. The client prevents the action execution unless the "From Volume" value is specified. 2. The "From Volume" parameter in the "Delete Backup" action dialog contains the value of "Backup Volume" instead of "Source Volume". 3. The JESMSGGLG part of the Vantage STC log contains the following message: F yourHSM,BDELETE (yourDSN) VERSION(x) The JESMSGGLG part of your DFSMSHsm task contains the following response for the command above: ARC0181I NO BACKUP VERSIONS FOUND FOR CATALOGED DATA SET 4. An additional 192 bytes in subpool 0 below the bar are reserved by the HSMCC object every time it runs. IMPACT: 1 and 2. Unnecessary parameters must be specified for the "Delete Backup" action. 3. Backup versions of non-SMS uncataloged data sets cannot be deleted using the Vantage "Delete Backup" action. 4. Unoptimized memory usage. CIRCUMVENTION: 1. Use any "From Volume" value for cataloged data sets. The value is omitted. 2. Replace the default "From Volume" value with the corresponding "Source Volume" value for uncataloged datasets. 3. Create a Vantage GOA script that submits BDELETE command against your DFSMSHsm task with the corresponding "Source Volume" value specified in the FROMVOLUME parameter: F yourHSM,BDELETE (yourDSN) VERSION(x) FROMVOLUME(yourVOL) 4. None PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Version 14.0 Related Problem: VANT 15865 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00535-CTU140

Service	Details
	DESC (VANTAGE HSM DELETE BACKUP ACTION ISSUES) . ++VER (Z038) FMID (CCTUE00) PRE (LU04288 R087496 S008213 S011427 S013209 S013838 S015252) SUP (LT04544) ++HOLD (LU04544) SYSTEM FMID(CCTUE00) REASON (EXIT) DATE (22081) COMMENT (+-----+ Vantage Storage Resource Manager Version 14.0 +-----+ SEQUENCE After Apply Before using the "SMS" column in the (HSMCC) DFSMSHsm BCDS Backup Version Records object. +-----+ PURPOSE New map of the object. +-----+ USERS All users of the (HSMCC) DFSMSHsm BCDS Backup Version AFFECTED Records object. +-----+ KNOWLEDGE Vantage customization. REQUIRED +-----+ ACCESS Vantage libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** Mapping is changed for the following object: * Obj=(HSMCC) DFSMSHsm BCDS Backup Version Records Column "SMS" is added Column "SMS Flag" length changed 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 settings and ensure that the columns of your interest are selected to be displayed. 3. If any of the objects listed above is specified in the 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 listed above is specified in the SYSTEM, LOG, GOA, AUDIT, MESSAGE script filter criteria, review the script filter criteria and ensure that the correct field or value is tested. 5. Review and update your programs or templates that use the objects listed above. Update your programs or templates that work with log or capture records of those objects. For more information, see the MAPPINGS member that is distributed in the CCTUSAMP library.).

Service	Details
LU04735	LU04735 M.C.S. ENTRIES = ++PTF (LU04735) OBJECT "ZIIP SERVER INFORMATION" DOES NOT SHOW DATA PROBLEM DESCRIPTION: Vantage object (ZIIPINFO) zIIP Server Information located under the CA Vantage Internal Management - CPU Usage and HPCS in the Vantage object tree does not show any data. This SYSMOD ensures that the object shows the data. SYMPTOMS: Executing the object shows the following message in the UI: "Error during initialization" and no data is shown in the object. IMPACT: Object ZIIPINFO does not provide any data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage SRM and Vantage GMI Version 14.0 Related Problem: VANT 14832 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00537-CTU140 DESC(OBJECT "ZIIP SERVER INFORMATION" DOES NOT SHOW DATA). ++VER (Z038) FMID (CCTUE00) PRE (LU04288 R092145) SUP (LT04735)

Service	Details
LU05033	LU05033 M.C.S. ENTRIES = ++PTF (LU05033) NEW VANTAGE HEALTH CHECKS AND VAN1611E MESSAGE ENHANCEMENT DESCRIPTION: This SYSMOD introduces the following enhancements: * Adds a new health check to warn if the non-recommended Vantage Message Automation configuration is being used. * Adds a health check to warn if obsolete Vantage configuration parameters are being specified in VKGPparms. * Adds a health check to warn if obsolete Vantage objects are referenced in Vantage automation scripts. * Adds a new VAN1611E message that warns if obsolete objects are accessed in Vantage MTC-M or the Vantage Windows Client. Additionally, these health checks and message contains instructions on how to remove the related warnings. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage SRM and Vantage GMI Version 14.0 Related Problem: VANT 15753 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00540-CTU140 DESC(NEW VANTAGE HEALTH CHECKS AND VAN1611E MESSAGE). ++VER (Z038) FMID (CCTUE00) PRE (LU03646 LU04288 R087496 R097229 S000071 S000868 S004770) SUP (LT04582 LT04900 LT05033) ++HOLD (LU05033) SYSTEM FMID(CCTUE00) REASON (ENH) DATE (22067) COMMENT (<pre> +-----+ Vantage Storage Resource Manager Version 14.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Describes the new enhancement to Vantage. +-----+ USERS All users. AFFECTED +-----+ KNOWLEDGE Health Checker for z/OS. REQUIRED Vantage configuration and customization. +-----+ ACCESS Vantage libraries. REQUIRED +-----+ </pre> *****

Service	Details
	<pre>* STEPS TO PERFORM * ***** This PTF introduces the following enhancements: * Adds a new health check to warn if the non-recommended Vantage Message Automation configuration is being used. * Adds a health check to warn if obsolete Vantage configuration parameters are being specified in VKGPARMS. * Adds a health check to warn if obsolete Vantage objects are referenced in Vantage automation scripts. * Adds a new VAN1611E message that warns if obsolete objects are accessed in Vantage MTC-M or the Vantage Windows Client. Additionally, these health checks and message contains instructions on how to remove the related warnings. 1. This enhancement is delivered activated and is intended for current users of the Vantage 14.0. 2. To populate the new health checks and message recycle the Vantage STC after the LU05033 APPLY.).</pre>

Product Family	Product	Release
Storage	CA VANTAGE SRM AND CA VANTAGE GMI	14.00.00
The CA RS 2204 Product/Component Count for this release is 1		

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
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

CA RS Level	Service	FMID
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
	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

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