Service	Description	Type
LU06434	GETMAIN ERRORS UPON EXECUTING AUDIT SCRIPT ARCHIVED	PTF
LU07159	S0C4 ABEND IN OBJDSAVE, VANTAGE WARMSTART OBJECTS DATA LOSS	** PRP **
LU07224	CAS9180E - CPU XXXXXX REQUIRES A LMP KEY TO RUN PROD (0C)	PTF
LU07233	VANTAGE DFSMSHSM AUTOMATIC FUNCTIONS UPDATE	PTF

The CA RS 2210 service count for this release is   4

FMID	Service	Description	Type
CCTUE10	LU06434	GETMAIN ERRORS UPON EXECUTING AUDIT SCRIPT ARCHIVED	PTF
	LU07159	S0C4 ABEND IN OBJDSAVE, VANTAGE WARMSTART OBJECTS DATA LOSS	** PRP **
	LU07224	CAS9180E - CPU XXXXXX REQUIRES A LMP KEY TO RUN PROD (0C)	PTF
	LU07233	VANTAGE DFSMSHSM AUTOMATIC FUNCTIONS UPDATE	PTF
		The CA RS 2210 service count for this FMID is 4	

Service	Details
LU06434	LU06434 M.C.S. ENTRIES = ++PTF (LU06434) GETMAIN ERRORS UPON EXECUTING AUDIT SCRIPT ARCHIVED PROBLEM DESCRIPTION: Executing the ARCHIVED audit script that builds LI data for the "(OBJ04012) Cataloged ARCIVE not in DSNINDEX" object may result in a GETMAIN request failure. The object is located under Backup and Archive Management - CA Disk - Audits in the Vantage object tree. This SYSMOD ensures that no GETMAIN requests fail during the execution of the ARCHIVED script. SYMPTOMS: The following message appears in the JESMSGLG part of the Vantage job log: VAN0590E: GETMAIN FAILED, LEN= xxxxxxxxxxx SP=000 ID=OBJAPIBU FOR_CATALOGA G CALLER=OBJAPI OFFSET=00002F8A IMPACT: No data is collected for the object. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Release 14.1 Related Problem: VANT 17481 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00066-CTU141 DESC(GETMAIN ERRORS UPON EXECUTING AUDIT SCRIPT ARCHIVED). ++VER (Z038) FMID (CCTUE10) PRE (LU04291) SUP (LT06434)

Service	Details
LU07159	LU07159 M.C.S. ENTRIES = ++PTF (LU07159) S0C4 ABEND IN OBJDSAVE, VANTAGE WARMSTART OBJECTS DATA LOSS This SYSMOD is a PRP for PE LU04383. PROBLEM DESCRIPTION: SYSMOD LU04383 introduced a S0C4 abend that may occur in the OBJDSAVE module when Vantage attempts to reallocate an existing Vantage warmstart checkpoint data set. Reallocation is performed when the existing data set does not have enough free space for new records and a standard IEC030I B37 abend occurs. In case of a S0C4 abend during warmstart checkpoint reallocation, a new data set is not created, which causes a loss of warmstart data for the related objects. This SYSMOD ensures that in such case no S0C4 abend occurs, a new warmstart checkpoint data set of sufficient size is allocated, and no warmstart data is lost. SYMPTOMS: The following messages appear in the JESMSGLG part of the Vantage job log upon the reallocation of an existing warmstart checkpoint data set: VAN0167I All Log Space Used - Reallocation Will Be Done CCSR010E GENESTAE S0C4 at 11060178 LMOD OBJDSAVE CSECT OBJDSAVE +000178 CCSR021I OWNER = CA Vantage SRM R14.1 CCSR022I MODULE = OBJDSAVE FMID = CCTUE10 RMID = LU04383 CCSR060I BREAKING EVENT ADDRESS: 00000000 10B0A856 IMPACT: Vantage warmstart data for related objects is lost. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Release 14.1 Related Problem: VANT 18150 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00096-CTU141 DESC(S0C4 ABEND IN OBJDSAVE, VANTAGE WARMSTART OBJECTS DATA LOSS). ++VER (Z038) FMID (CCTUE10) PRE (LU04291 LU04383) SUP (AL04383 LT07159)

Service	Details
LU07224	LU07224 M.C.S. ENTRIES = ++PTF (LU07224) CAS9180E - CPU XXXXXX REQUIRES A LMP KEY TO RUN PROD (OC) PROBLEM DESCRIPTION: The message "CAS9180E - CPU XXXXXX REQUIRES A LMP KEY TO RUN PROD (OC)" is incorrectly issued automatically during Vantage startup in customer environments licensed with the "K6" LMP key only, i.e. in environments licensed for Vantage GMI which use the Vantage GMI configuration only. This SYSMOD ensures that the message "CAS9180E - CPU XXXXXX REQUIRES A LMP KEY TO RUN PROD (OC)" is not issued automatically during Vantage startup. The message will be issued only when Vantage functionality that requires the OC LMP Key (Base License) is being used, or when Vantage is incorrectly configured for some functionality of the Base Portfolio and the OC LMP key is not present. SYMPTOMS: The following messages appear in the Vantage STC log immediately and only at the beginning of the starting phase: CAS9180E - CPU xxxxxx Requires a LMP key to run Prod (OC) IMPACT: Misleading and incorrect error message presented. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Release 14.1 Related Problem: VANT 17736 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00097-CTU141 DESC(CAS9180E - CPU XXXXXX REQUIRES A LMP KEY TO RUN PROD (OC)). ++VER (Z038) FMID (CCTUE10) PRE (LU03817 LU04291) SUP (LT06574 LT07224)

Service	Details
LU07233	LU07233 M.C.S. ENTRIES = ++PTF (LU07233) VANTAGE DFSMSHSM AUTOMATIC FUNCTIONS UPDATE ENHANCEMENT DESCRIPTION: This SYSMOD introduces the following enhancements: 1. The following objects are now located under Backup and Archive Management - DFSMShsm - Auto Functions in the Vantage object tree: - (HSMAUTFS) DFSMShsm Auto Functions Summary - (HSMAUTPM) DFSMShsm Primary Space Management Summary by Volume - (HSMAUTSM) DFSMShsm Secondary Space Management Summary by Volume - (HSMAUTAB) DFSMShsm Auto Backup Summary by Volume - (HSMAUTAD) DFSMShsm Auto Dump Summary by Volume Previously these objects were accessible only by zooming from the "(OBJ06105) DFSMShsm Auto Function Status" object. As input, these objects use the most recent DFSMShsm Activity log information collected by the Vantage AUTOFUN script for all DFSMShsm tasks in the LPAR. These objects can still be accessed by zooming from the "(OBJ06105) DFSMShsm Auto Function Status" object. 2. The above objects have received multiple updates to the fields and help text. For a full list of the field updates, see the SYSMOD HOLDDATA EXIT. Additionally, this SYSMOD resolves the following minor problems: - HSMAUTAD did not populate data for the "StartTm", "EndTm", "DumpCompl", "DispInfo", "Dsn (Vtoc Copy)", "VtocVol" columns. - Zooming from HSMAUTAB or HSMAUTAD to (HSMDUMPZ) DFSMShsm Volume Dump/Backup Details could incorrectly return the "VKG0281I DSN not found" message if no data was available. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Vantage Storage Resource Manager Release 14.1 Related Problem: VANT 16556 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00098-CTU141 DESC(VANTAGE DFSMSHSM AUTOMATIC FUNCTIONS UPDATE). ++VER (Z038) FMID (CCTUE10) PRE (LU04291 LU05056 LU05563) SUP (LT06196 LT07233) ++HOLD (LU07233) SYSTEM FMID(CCTUE10) REASON (ENH) DATE (22249) COMMENT (+---+ | Vantage Storage Resource Manager Release 14.1 | +----------+--+ |SEQUENCE | After Apply. | | | Before using the following Vantage objects: |

Service	Details
	<pre>| | * (HSMAUTFS) DFSMShsm Auto Functions Summary |
\| \| * (HSMAUTPM) DFSMShsm Primary Space Management Summary \|
\| \| by Volume   \|
\| \| * (HSMAUTSM) DFSMShsm Secondary Space Management Summary \|
\| \| by Volume   \|
\| \| * (HSMAUTAB) DFSMShsm Auto Backup Summary by Volume   \|
\| \| * (HSMAUTAD) DFSMShsm Auto Dump Summary by Volume   \|
+----------+--+
\|PURPOSE   \| Describe enhancements to the following Vantage objects: \|
\| \| * (HSMAUTFS) DFSMShsm Auto Functions Summary   \|
\| \| * (HSMAUTPM) DFSMShsm Primary Space Management Summary \|
\| \| by Volume   \|
\| \| * (HSMAUTSM) DFSMShsm Secondary Space Management Summary \|
\| \| by Volume   \|
\| \| * (HSMAUTAB) DFSMShsm Auto Backup Summary by Volume   \|
\| \| * (HSMAUTAD) DFSMShsm Auto Dump Summary by Volume   \|
+----------+--+
\|USERS   \| All users of the following Vantage objects: \|
\|AFFECTED   \| * (HSMAUTFS) DFSMShsm Auto Functions Summary   \|
\| \| * (HSMAUTFS) DFSMShsm Auto Functions Summary   \|
\| \| * (HSMAUTPM) DFSMShsm Primary Space Management Summary \|
\| \| by Volume   \|
\| \| * (HSMAUTSM) DFSMShsm Secondary Space Management Summary \|
\| \| by Volume   \|
\| \| * (HSMAUTAB) DFSMShsm Auto Backup Summary by Volume   \|
\| \| * (HSMAUTAD) DFSMShsm Auto Dump Summary by Volume   \|
\| \| and users using log or capture records of the related \|
\| \| objects.   \|
+----------+--+
\|KNOWLEDGE \| Vantage customization.   \|
\|REQUIRED   \| \|
+----------+--+
\|ACCESS   \| Vantage libraries.   \|
\|REQUIRED   \| \|
+----------+--+
****
* STEPS   TO   PERFORM *
****
This SYSMOD introduces the following enhancements:
1. The following objects are now located under Backup and Archive
Management - DFSMShsm - Auto Functions in the Vantage object tree:
- (HSMAUTFS) DFSMShsm Auto Functions Summary
- (HSMAUTPM) DFSMShsm Primary Space Management Summary by Volume
- (HSMAUTSM) DFSMShsm Secondary Space Management Summary by Volume
- (HSMAUTAB) DFSMShsm Auto Backup Summary by Volume
- (HSMAUTAD) DFSMShsm Auto Dump Summary by Volume
Previously these objects were accessible only by zooming from
the "(OBJ06105) DFSMShsm Auto Function Status" object.
As input, these objects use the most recent DFSMShsm Activity
log information collected by the Vantage AUTOFUN script for all
DFSMShsm tasks in the LPAR.
These objects can still be accessed by zooming from the "(OBJ06105)
DFSMShsm Auto Function Status" object.
2. The above objects have received multiple updates to the fields and</pre> |

Service	Details
	help text. For a full list of the field updates, see the SYSMOD
	HOLDDATA EXIT.
	Additionally, this SYSMOD resolves the following minor problems:
	- HSMAUTAD did not populate data for the "StartTm", "EndTm",
	"DumpCompl", "DispInfo", "Dsn (Vtoc Copy)", "VtocVol" columns.
	- Zooming from HSMAUTAB or HSMAUTAD to (HSMDUMPZ) DFSMShsm Volume
	Dump/Backup Details could incorrectly return the "VKG0281I DSN
	not found" message if no data was available.
	).

```
++HOLD (LU07233) SYSTEM FMID(CCTUE10)
REASON (EXIT  )   DATE (22249)
COMMENT (
+----------------------------------------------------------------+
|     Vantage Storage Resource Manager             Release 14.1   |
+----------+-----------------------------------------------------+
|SEQUENCE  | After Apply.                                        |
|          | Before using the following Vantage objects:         |
|          | * (HSMAUTFS) DFSMShsm Auto Functions Summary        |
|          | * (HSMAUTPM) DFSMShsm Primary Space Management Summary|
|          |   by Volume                                         |
|          | * (HSMAUTSM) DFSMShsm Secondary Space Management Summary|
|          |   by Volume                                         |
|          | * (HSMAUTAB) DFSMShsm Auto Backup Summary by Volume |
|          | * (HSMAUTAD) DFSMShsm Auto Dump Summary by Volume   |
+----------+-----------------------------------------------------+
|PURPOSE   | New map of the objects.                             |
+----------+-----------------------------------------------------+
|USERS     | All users of the following Vantage objects:         |
|AFFECTED  | * (HSMAUTFS) DFSMShsm Auto Functions Summary        |
|          | * (HSMAUTFS) DFSMShsm Auto Functions Summary        |
|          | * (HSMAUTPM) DFSMShsm Primary Space Management Summary|
|          |   by Volume                                         |
|          | * (HSMAUTSM) DFSMShsm Secondary Space Management Summary|
|          |   by Volume                                         |
|          | * (HSMAUTAB) DFSMShsm Auto Backup Summary by Volume |
|          | * (HSMAUTAD) DFSMShsm Auto Dump Summary by Volume   |
|          | 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:
* Obj= (HSMAUTFS) DFSMShsm Auto Functions Summary
The following columns have been renamed:
"ASCB-Pointer" to "ASCB pointer"
"Act EndTm" to "Act endTm"
"Act StartTm" to "Act startTm"
```

Service	Details
	`"AutoFunc Type"` to `"AutoFunc type"`
	`"DFHSM Name"` to `"DFHSM name"`
	`"Dsn Proc"` to `"DSN proc"`
	`"ObjName"` to `"Obj name"`
	`"Time Window"` to `"Time window"`
	`"Trks Freed"` to `"Trks freed"`
	`"Vol Defn"` to `"Vol defn"`
	`"Vol Proc"` to `"Vol proc"`
	The following columns have changed their positions in the object view:
	`"Act endTm"` from 4 to 5
	`"Act startTm"` from 3 to 4
	`"AutoFunc type"` from 1 to 2
	`"BckCDS"` from 13 to 14
	`"BckVerMov"` from 12 to 13
	`"DFHSM name"` from 32,767 to 1
	`"DSN proc"` from 7 to 8
	`"DmpVolDel"` from 14 to 15
	`"LparVan"` from 16 to 17
	`"ML1MigToML2"` from 10 to 11
	`"McdsRecDel"` from 9 to 10
	`"MigrDsnBck"` from 11 to 12
	`"SubsystemVan"` from 17 to 18
	`"SysplexVan"` from 15 to 16
	`"Time window"` from 2 to 3
	`"Trks freed"` from 8 to 9
	`"Vol defn"` from 5 to 6
	`"Vol proc"` from 6 to 7
	The following columns have changed their format:
	`"Act endTm"` from C to AC05
	`"Act startTm"` from C to AC05
	`"BckCDS"` from C to FYN
	`"BckVerMov"` from C to B
	`"DSN proc"` from C to B
	`"DmpVolDel"` from C to B
	`"ML1MigToML2"` from C to B
	`"McdsRecDel"` from C to B
	`"MigrDsnBck"` from C to B
	`"Trks freed"` from C to B
	* Obj= (HSMAUTPM) DFSMShsm Primary Space Management Summary by Volume
	The following new columns have been added:
	`"DFHSM name"` - Name of DFSMShsm started task
	The following columns have been renamed:
	`"Trks Freed"` to `"Trks freed`
	The following columns have changed their positions in the object view:
	`"% FrDSCBs"` from 15 to 16
	`"CylsFree"` from 7 to 8
	`"DsnCnt"` from 4 to 5
	`"EndTm"` from 3 to 4
	`"FrDSCBs"` from 14 to 15
	`"FrIndex"` from 9 to 10
	`"LparVan"` from 17 to 18
	`"LrgExtCyls"` from 10 to 11

Service	Details
	"SMS" from 11 to 12
	"StartTm" from 2 to 3
	"SubsystemVan" from 18 to 19
	"SysplexVan" from 16 to 17
	"Tot DSCBs" from 13 to 14
	"Trks freed" from 5 to 6
	"TrksFree" from 8 to 9
	"VolPctFree" from 6 to 7
	"Volume" from 1 to 2
	"VtocSize" from 12 to 13
	The following columns have changed their format:
	"EndTm" from T to AC01 (HHMMSSTH or HH:MM:SS.TH)
	"FrIndex" from ZLZ to B
	"StartTm" from T to AC01 (HHMMSSTH or HH:MM:SS.TH)
	* Obj= (HSMAUTSM) DFSMShsm Secondary Space Management Summary by Volume
	The following new columns have been added:
	"DFHSM name" - Name of DFSMShsm started task
	The following columns have been renamed:
	"Trks Freed" to "Trks freed"
	The following columns have changed their positions in the object
	view:
	"% FrDSCBs" from 12 to 13
	"DsnCnt" from 4 to 5
	"EndTm" from 3 to 4
	"FrDSCBs" from 11 to 12
	"FrIndex" from 7 to 8
	"LparVan" from 14 to 15
	"LrgExtCyls" from 8 to 9
	"StartTm" from 2 to 3
	"SubsystemVan" from 15 to 16
	"SysplexVan" from 13 to 14
	"Tot DSCBs" from 10 to 11
	"Trks freed" from 5 to 6
	"VolPctFree" from 6 to 7
	"Volume" from 1 to 2
	"VtocSize" from 9 to 10
	The following columns have changed their format:
	"EndTm" from T to AC01 (HHMMSSTH or HH:MM:SS.TH)
	"FrIndex" from ZLZ to B
	"StartTm" from T to AC01 (HHMMSSTH or HH:MM:SS.TH)
	* Obj= (HSMAUTAB) DFSMShsm Auto Backup Summary by Volume
	The following columns have been renamed:
	"DFHSM Name" to "DFHSM name"
	"Dsn (Vtoc Copy)" to "DSN (VTOC copy)"
	"DsnCnt" to "DSNCnt"
	"Trks Freed" to "Trks freed"
	"VtocVol" to "VTOCVol"
	The following columns have changed their positions in the object
	view:
	"BckVerMov" from 5 to 6
	"DFHSM name" from 10 to 1
	"DSN (VTOC copy)" from 8 to 9
	"DSNCnt" from 4 to 5
	"EndTm" from 3 to 4

Service	Details
	"SMS" from 7 to 8
	"StartTm" from 2 to 3
	"Trks freed" from 6 to 7
	"VTOCVol" from 9 to 10
	"Volume" from 1 to 2
	The following columns have changed their format:
	"EndTm" from T to AC01 (HHMMSSTH or HH:MM:SS.TH)
	"StartTm" from T to AC01 (HHMMSSTH or HH:MM:SS.TH)
	* Obj= (HSMAUTAD) DFSMShsm Auto Dump Summary by Volume
	The following columns have been renamed:
	"Dsn (Vtoc Copy)" to "VTOC copy"
	"HSM STC Name" to "DFHSM name"
	"VtocVol" to "VTOCVol"
	The following columns have changed their positions in the object
	view:
	"DFHSM name" from 5 to 1
	"DumpCompl" from 4 to 5
	"EndTm" from 3 to 4
	"StartTm" from 2 to 3
	"Volume" from 1 to 2
	The following columns have changed their format:
	"EndTm" from T to AC01 (HHMMSSTH or HH:MM:SS.TH)
	"StartTm" from T to AC01 (HHMMSSTH or HH:MM:SS.TH)
	* Obj= (HSMAUTDV) DFSMShsm Auto Functions Detailed by Volume
	The following columns have been renamed:
	"Data Set Name" to "Data set name"
	"Dsn Age" to "DSN age"
	"RS Code" to "RSN"
	"Src Vol" to "SrcVol"
	"Trg Vol" to "TrgVol"
	"Trks Freed" to "Trks"
	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.
	).

Product Family	Product	Release
Performance and Storage	VANTAGE SRM AND VANTAGE GMI	14.01.00

The CA RS 2210 Product/Component Count for this release is 1

CA RS Level	Service	FMID
CAR2210	LU07233	CCTUE10
	LU07224	CCTUE10
	LU07159	CCTUE10
	LU06434	CCTUE10
CAR2209	LU07039	CCTUE10
	LU07025	CCTUE10
	LU06996	CCTUE10
	LU06902	CCTUE10
	LU06725	CCTUE10
	LU06723	CCTUE10
	LU06706	CCTUE10
	LU06691	CCTUE10
	LU06562	CCTUE10
	LU06345	CCTUE10
CAR2208	LU06597	CCTUE10
	LU06462	CCTUE10
	LU06453	CCTUE10
CAR2207	LU06367	CCTUE10
	LU06209	CCTUE10
	LU05833	CCTUE10
	LU05563	CCTUE10
	LU05077	CCTUE10
	LU04762	CCTUE10
	LU04010	CCTUE10
CAR2206	LU06056	CCTUE10
	LU05817	CCTUE10
	LU05539	CCTUE10
	LU05081	CCTUE10
	LU04565	CCTUE10
CAR2205	LU05325	CCTUE10
	LU05167	CCTUE10
	LU05056	CCTUE10
CAR2204	LU05094	CCTUE10
	LU05021	CCTUE10
	LU04766	CCTUE10
	LU04707	CCTUE10
	LU04548	CCTUE10
	LU04201	CCTUE10
	LU03962	CCTUE10
	LU03960	CCTUE10
	LU03268	CCTUE10
CAR2203	LU04383	CCTUE10
	LU04126	CCTUE10
	LU04104	CCTUE10
	LU03798	CCTUE10
CAR2202	LU04291	CCTUE10
	LU04179	CCTUE10

All CA RS Levels Service List

CA RS Level	Service	FMID
	LU04157	CCTUE10
	LU04130	CCTUE10
CAR2201	LU03890	CCTUE10
	LU03817	CCTUE10
	LU03271	CCTUE10
CAR2112	LU03288	CCTUE10
CAR2111	LU03075	CCTUE10