

CA Vtape Virtual Tape System 12.6  
CA RS 1312 Service List

Release	Service	Description	Hiper
12.6	RO58389	NEED TO REPORT POOL IN WHICH SCRATCHES ARE EXHAUSTED	
	RO59451	P2P JOB HUNG WHEN CANCELLED	
	RO60205	CACHEAUTOHOLDLOWTHRESHOLD=0 MAY NOT WORK	
	RO60481	MSG WORK AREAS MONOPOLIZED BY VVE_SCRATCH	
	RO61822	VIRTUAL VOLUME SUBPOOLING DOES NOT WORK	
The CA RS 1312 service count for this release is 5			

CA Vtape Virtual Tape System  
CA RS 1312 Service List for CCUUC60

FMID	Service	Description	Hiper
CCUUC60	RO58389	NEED TO REPORT POOL IN WHICH SCRATCHES ARE EXHAUSTED	
	RO59451	P2P JOB HUNG WHEN CANCELLED	
	RO60205	CACHEAUTOHOLDLOWTHRESHOLD=0 MAY NOT WORK	
	RO60481	MSG WORK AREAS MONOPOLIZED BY VVE_SCRATCH	
	RO61822	VIRTUAL VOLUME SUBPOOLING DOES NOT WORK	
The CA RS 1312 service count for this FMID is 5			

CA Vtape Virtual Tape System 12.6  
CA RS 1312 - PTF RO58389 Details

Release	Service	Details
12.6	RO58389	<p>RO58389 M.C.S. ENTRIES = ++PTF(RO58389)  DESC(NEED TO REPORT POOL IN WHICH SCRATCHES ARE EXHAUSTED).  ++VER(Z038) FMID(CCUUC60)  PRE(RO57205)  SUP(T259301)  /*  PROBLEM DESCRIPTION:  When a scratch VOLSER shortage occurs, a generic message is issued which does not identify the pool of VOLSERS that was being searched. If there are multiple pools defined, if the CA Vtape VTS Subsystem is configured for P2P, if the remote subsystem is configured for P2P with multiple local subsystems, identifying the pool with the shortage can be time consuming.  SYMPTOMS:  SVT1V0424W 09CC,Scratch shortage, Reply R(etry) or C(ancel)  If the CA Vtape VTS Subsystem is configured for P2P and the shortage is on the remote subsystem, the SVT1V0424W message will be preceded by message SVT1V4119E devn Mount negotiation failure, ...  IMPACT:  Jobs are delayed until the pool with the shortage can be identified and corrective action taken to increase the number of available scratch VOLSERS.  CIRCUMVENTION:  Set the ScratchThreshold to a value that will warn you several days before a scratch shortage becomes critical. Periodically compare the pool definitions between local and remote (P2P) subsystems to ensure that they have the same pool definitions for shared VOLSER ranges.  HIPER: NO  DISTRIBUTION CODE: A  PRODUCT(S) AFFECTED: CA Vtape VTS Release: 12.6  RELATED PROBLEM(S): 2255  */ .  ++HOLD(RO58389) SYSTEM REASON(DOC) FMID(CCUUC60)  COMMENT(  Product: CA Vtape VTS Release: 12.6  Publications: CA Vtape VTS Message Reference Guide  CA Vtape VTS Administration Guide  Steps to Perform:  CA Vtape VTS Message Reference Guide:  Update the following message.  CA Vtape VTS Administration Guide:  Update the following message in Chapter on Troubleshooting.  SVTnV0424W devn, Pool n, Scratch shortage, Reply R(etry) or C(ancel)  Reason:  All scratch VOLSERS in Pool n have been exhausted. The task assigned to the Virtual Device mount for Virtual Device devn will wait for a reply.  Action:  Use the CA Vtape VTS ISPF Interface or the CA GMI interface for CA Vtape VTS to review the VOLSER range or ranges defined in the Global VCAT. If not all the VOLSERS defined in the Tape Management System for CA Vtape VTS usage were added to CA Vtape VTS, use the SVTn ADD VVP= console command to add the missing VOLSERS or update the parmlib VTPOOLS members with the additional VOLSERS and issue the SVTn REFRESH=POOLS console command to load the changed VTPOOLS member. If all the defined VOLSERS have been added to the Global VCAT, review the customization of the Scratch Synchronization Job to ensure that it is processing all the defined VOLSERS. Make any needed corrections and rerun the job.  If all the defined VOLSERS have been added and are being processed, you will need to define an additional VOLSER range for CA Vtape VTS use in the Tape Management System and add the newly defined range to the correct pool in the Global VCAT. Consult your Tape Management System manuals for the proper method to define a VOLSER range.</p>

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		<p>Consult the CA Vtape VTS CCUUJCL data set member EXPAND for the proper method to increase the size of the Global VCAT and BSDS1 so the new range can be added.</p> <p>If a range cannot be defined immediately, review the active Virtual Volumes using Tape Management System Reports or the CA Vtape VTS ERPT0300 Active Virtual Volumes Report. In the Tape Management System, scratch any virtual volumes that are no longer needed, then run the Scratch Synchronization Job.</p> <p>).</p>

CA Vtape Virtual Tape System 12.6  
 CA RS 1312 - PTF RO59451 Details

Release	Service	Details
12.6	RO59451	RO59451 M.C.S. ENTRIES = ++PTF(RO59451) DESC(P2P JOB HUNG WHEN CANCELLED). ++VER(Z038) FMID(CCUUC60) PRE(RO58049 RO58389 RO59428) SUP(T259299) /* PROBLEM DESCRIPTION: User jobs using remote P2P virtual drives do not end when cancelled by the operator. SYMPTOMS: The cancelled user job remains idle, with the P2P virtual drive allocated, until the job is forced from the system. IMPACT: Unchecked, the cancelled user jobs will not end while holding system resources. CIRCUMVENTION: There are two options: 1. The user job can be forced from the system. - or - 2. Issuing a SVTn R U=nxxx operator command should allow the drive to clear through MIH. Ultimately the drive might become boxed but can be varied back online. HIPER: NO DISTRIBUTION CODE: A PRODUCT(S) AFFECTED: CA Vtape VTS RELATED PROBLEM(S): 2236 /* .

Release: 12.6

CA Vtape Virtual Tape System 12.6  
 CA RS 1312 - PTF RO60205 Details

Release	Service	Details
12.6	RO60205	RO60205 M.C.S. ENTRIES = ++PTF(RO60205) DESC(CACHEAUTOHOLDLOWTHRESHOLD=0 MAY NOT WORK). ++VER(Z038) FMID(CCUUC60) PRE(RO43755) /* PROBLEM DESCRIPTION: When Subgroup Automation is active and the CacheAutoHoldLowThreshold is set to zero, automated Externalization Queues that are empty (their cache-in-use percent is zero) are not automatically held. SYMPTOMS: With CacheAutoHoldLowThreshold set to zero, empty automated Externalization Queues are not automatically held. IMPACT: Externalization occurs at unexpected or unplanned times because the automated Externalization Queues are not held until the CacheAutomationSchedule window is complete or they are manually overridden. CIRCUMVENTION: Set the CacheAutoHoldLowThreshold to one instead of zero. HIPER: NO DISTRIBUTION CODE: A PRODUCT(S) AFFECTED: CA Vtape VTS <span style="float: right;">Release: 12.6</span> RELATED PROBLEM(S): 2243 */ .

CA Vtape Virtual Tape System 12.6  
 CA RS 1312 - PTF RO60481 Details

Release	Service	Details
12.6	RO60481	<p>RO60481 M.C.S. ENTRIES = ++PTF(RO60481)            DESC(MSG WORK AREAS MONOPOLIZED BY VVE_SCRATCH).            ++VER(Z038) FMID(CCUUC60)            PRE(RO43755            RO57364)            /*            PROBLEM DESCRIPTION:            CA Vtape VTS has an internal queue called the MSG pool which is used to hold commands issued by the product or its utilities until they can be processed. This pool can hold 1000 commands. If someone uses the SVTSUTIL program to issue a large number of commands, it could fill the pool and cause product ABENDs as new commands are rejected for lack of space and internal processes fail to complete. The most likely cause of this problem is running the SVTSUTIL program with a great number of VVE_SCRATCH=volser commands to scratch an unneeded VOLSER range.</p> <p>SYMPTOMS:            Message 'SVT1S0100E Cell pool obtain for MSG failed' is issued followed by any number or combination of other error messages, ABENDs, or dumps as commands are rejected and processes fail to complete.</p> <p>IMPACT:            Mounts may fail or hang. Backstoring may fail or hang. The results are unpredictable. CA Vtape VTS may need to be stopped and restarted to clear the MSG pool of all commands.</p> <p>CIRCUMVENTION:            Limit the number of commands executed with ad hoc runs of the SVTSUTIL program.</p> <p>HIPER: NO            DISTRIBUTION CODE: A            PRODUCT(S) AFFECTED: CA Vtape VTS            RELATED PROBLEM(S): 2251            /* .</p> <p style="text-align: right;">Release: 12.6</p>

CA Vtape Virtual Tape System 12.6  
 CA RS 1312 - PTF RO61822 Details

Release	Service	Details
12.6	RO61822	<pre> RO61822  M.C.S. ENTRIES  = ++PTF(RO61822) DESC(VIRTUAL VOLUME SUBPOOLING DOES NOT WORK). ++VER(Z038) FMID(CCUUC60) PRE(RO59451) SUP(T259287 T259292) /* PROBLEM DESCRIPTION: When the Virtual Devices are defined to JES3 or SMS, the operating system tape selection exit (Subsystem Interface 78) is not called. This exit is used to process the CA Vtape VTS filters and assign a group number which is used to pick a VOLSER to satisfy scratch mount requests.  If this exit is not called, the group number is determined by the setting of the DefaultGroup attribute.  If multiple VOLSER pools are defined in the VTPOOLS parmlib member, only the pool associated with the DefaultGroup attribute setting will be used. Virtual Volume subpooling will not work and parmlib validation does not provide a warning. SYMPTOMS: Only a single group and pool of VOLSERS is used to satisfy all scratch mounts. IMPACT: Virtual Volume subpooling does not work. CIRCUMVENTION: Do not define the Virtual Devices to JES3 or to SMS.  This is an IBM restriction.  To make subpooling work, it must be observed. HIPER: NO DISTRIBUTION CODE: A PRODUCT(S) AFFECTED: CA Vtape VTS                      Release: 12.6 RELATED PROBLEM(S): 2234 */ . ++HOLD(RO61822) SYSTEM REASON(DOC) FMID(CCUUC60) COMMENT( Product: CA Vtape VTS                      Release: 12.6 Publication: CA Vtape VTS Message Reference Guide Add the following new message: SVTnV0465W dddd xxxx-managed device, using default group Reason: JES3- and SMS-managed devices are allocated without calling the IBM exit that CA Vtape needs to assign the data set to a group. Action: CA Vtape assigns the default group.  To assign CA Vtape volumes to groups, do not define Vtape Virtual Units as managed by SMS, and under JES3, define them as MVS managed and not JES3 managed. ). </pre>