

CA Vtape Virtual Tape System 12.6  
CA RS 1410 Service List

Release	Service	Description	Type
12.6	RO72341	CS4Z WRITE PROTECT VOLUMES ON LINUX READ-ONLY MOUNT POINT	PTF
	RO73696	JOBS HANG WHEN CONNECTIVITY TO CS4Z ON LINUX IS LOST	PTF
The CA RS 1410 service count for this release is 2			

CA Vtape Virtual Tape System  
CA RS 1410 Service List for CCUUC60

FMID	Service	Description	Type
CCUUC60	RO72341	CS4Z WRITE PROTECT VOLUMES ON LINUX READ-ONLY MOUNT POINT	PTF
	RO73696	JOBS HANG WHEN CONNECTIVITY TO CS4Z ON LINUX IS LOST	PTF
The CA RS 1410 service count for this FMID is 2			

CA Vtape Virtual Tape System 12.6  
 CA RS 1410 - PTF RO72341 Details

Release	Service	Details
12.6	RO72341	<p>RO72341 M.C.S. ENTRIES = ++PTF (RO72341)</p> <p>CS4Z WRITE PROTECT VOLUMES ON LINUX READ-ONLY MOUNT POINT            ENHANCEMENT DESCRIPTION:            Virtual volumes on a read-only LINUX DASD appliance should be treated as if the file protect ring is installed.            Jobs attempting to write to Virtual Volumes mounted on a read-only appliance should generate an IOS,FPR error.            SYMPTOMS:            Virtual Volume mounts fail for volumes on a read-only appliance and are retried.            IMPACT:            None.            CIRCUMVENTION:            None.            PRODUCT(S) AFFECTED:            CA VTAPE <span style="float: right;">Release 12.6</span>            CA Cloud Storage for System z <span style="float: right;">Release 1.1</span>            Star Problem(s):            VTAPE 2277            Copyright (C) 2014 CA. All rights reserved. R00024-CUU126-SP1</p> <p>DESC(CS4Z WRITE PROTECT VOLUMES ON LINUX READ-ONLY MOUNT POINT).            ++VER (Z038)            FMID (CCUUC60)            PRE ( R028424 R030066 R030366 R031504 R035436 R036932            R038137 R038896 R041648 R042114 R042450 R043755            R045208 R048475 R049542 R051657 R052989 R054090            R054767 R057364 R059451 R060481 R061949 R064097            R068476 R069794 R070379 )            SUP ( R027771 R031329 R031686 R034731 R035809 R036130            R045020 R046373 R047343 R051442 R051659 R052417            R053301 R057205 R058389 R060051 R061822 R064840            R064842 R066548 R069446 TR66548 TR69446 TR72341 )            ++HOLD (RO72341) SYSTEM FMID(CCUUC60)            REASON (ACTION ) DATE (14252)            COMMENT (</p> <pre> +-----+            CA VTAPE                               Release 12.6            +-----+  SEQUENCE   Before using Cloud Storage for System z                                 +-----+  PURPOSE    Running CA Cloud Storage for System z server at                                      the proper level   +-----+  USERS      The following instructions only pertain to sites                          AFFECTED   running the Cloud Storage for System z product.                         +-----+  KNOWLEDGE  CA Vtape and Linux on System z administration knowledge.                REQUIRED   +-----+  ACCESS     Root authorization on Linux on System z where the                        REQUIRED   Cloud Storage for System z server is installed.                         +-----+ ***** * STEPS    TO    PERFORM * *****           The PTF has corresponding changes in the Cloud Storage for System z           server that runs on the Linux system.  These changes are           applied separately to the cacloud and/or ctcl rpms installed           on Linux.  This PTF requires at a minimum the following rpm           levels:           cacloud-1.1-0.s390x.rpm           ctcl-1.1-0.s390x.rpm </pre>

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Release	Service	Details
		<p>The following are general instructions that describe upgrading the Cloud Storage for System z server rpms on an existing installation:</p> <ol style="list-style-type: none"> <li>1. First, determine the current rpm maintenance level.            Issue the following command:  <pre>rpm -qi cacloud ctcl</pre>           The installed version release and modification level are embedded within the rpm file. The naming convention used for these rpms is:  <pre>product-version.release-modification.platform.rpm</pre>           For example:  <pre>cacloud-1.1-0.s390x.rpm</pre> or  <pre>ctcl-1.1-0.s390x.rpm</pre> </li> <li>2. Go to the CA Support download site to determine if higher rpm versions exist. If the system is already running reliably then review the changes before deciding to download and install changes on the system.            Before upgrading rpm versions, stop all Virtual Tape activity for CA Cloud Storage for System z Vtape subsystems running on MVS. Once the Virtual Tape activity has ceased issue the following command and stop the Linux server running on Linux on System z:  <pre>sudo cacloud stop</pre> </li> <li>3. Next, apply the rpm upgrades using the following command:  <pre>sudo rpm -U product-version.release-modification.platform.rpm</pre>           for example:  <pre>sudo rpm -U ctcl-1.1-0.s390x.rpm</pre>  <pre>sudo rpm -U cacloud-1.1-0.s390x.rpm</pre> </li> <li>4. After upgrading the rpm files reboot the Linux system.            Use the following command to reboot the Linux system:  <pre>sudo /sbin/reboot</pre> </li> <li>5. Once the Linux system has restarted check that the Cloud Storage for System z server is up and running properly.            Issue the following command:  <pre>cacloud status</pre> </li> <li>6. Finally, if the Cloud Storage for System z server is running properly resume Virtual Tape activity of Cloud Storage for System z Vtape subsystems running on MVS.            Upgrade of the Cloud Storage for System z server on Linux is now complete.            ).</li> </ol>

CA Vtape Virtual Tape System 12.6  
 CA RS 1410 - PTF RO73696 Details

Release	Service	Details
12.6	RO73696	<p>RO73696 M.C.S. ENTRIES = ++PTF (RO73696)</p> <p>JOBS HANG WHEN CONNECTIVITY TO CS4Z ON LINUX IS LOST</p> <p>Problem Description:            This fix addresses a number of issues when connectivity to the cacloud connector is lost or unavailable.</p> <p>1) TCP Connectivity to the cacloud connector can be lost if the connector is stopped, the linux server is down or the TCPIP address or port in parmlib is incorrectly specified. A number of symptoms can occur when a TCP connection between the virtual drive on MVS and the cacloud connector on the linux server cannot be established.</p> <p>2) CTC connectivity with the cacloud connector can be interrupted on an active virtual drive when the cacloud connector is stopped or restarted. This can result in a hang condition where the Virtual Drive can appear to be stuck in a never ending read or write state.</p> <p>Symptoms:            1) If TCP Connectivity to the cacloud connector is lost:            a. A mount hang condition can occur for a job if a TCP connection cannot be established when a Tape mount is requested.            b. The CA Vtape batch scratch synchronization job can hang indefinitely waiting for a TCP connection to the cacloud connector running on the linux server.            c. Some SVTS commands directed to the linux server can timeout waiting to establish a TCP connection to the cacloud connector running on the linux server.            2) A tape hang condition can occur for a job using a virtual tape drive if CTC connectivity to the linux server is interrupted by stopping or restarting the cacloud connector or the linux server. Job can appear to be stuck in a read or write state and cannot be cancelled due to the pending IO condition.</p> <p>Impact:            Jobs do not complete and manual intervention is required to cancel and rerun them.</p> <p>Circumvention:            1) Check that the linux sever is running and that the cacloud connector is up and running. Also check that your CA Vtape parmlib settings correctly specify the IP and port address used by the cacloud connector. If active jobs appear to be stuck you may need to cancel these user jobs and then restart the virtual drive using the SVTS R U=nnnn command.            2) Check that your CTC definitions are correctly configured using the SVTn x ping command. If user jobs are hung in an IO pending state they may become non-cancellable until CA Vtape is stopped or forced down.</p> <p>Product affected:            PRODUCT(S) AFFECTED:            CA VTAPE <span style="float: right;">Release 12.6</span>            CA Cloud Storage for System z <span style="float: right;">Release 1.0</span>            CA Cloud Storage for System z <span style="float: right;">Release 1.1</span></p> <p>Star Problem(s):            VTAPE 2283</p> <p>Copyright (C) 2014 CA. All rights reserved. R00028-CUU126-SP1</p> <p>DESC(JOBS HANG WHEN CONNECTIVITY TO CS4Z ON LINUX IS LOST).            ++VER (Z038)            FMID (CCUUC60)            PRE ( R028424 R030066 R030366 R031169 R031504 R031505            R031568 R032676 R034789 R035436 R036932 R038137            R041648 R043755 R045208 R047046 R048475 R048818            R049542 R050535 R051657 R052989 R054090 R054767</p>

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Release	Service	Details
		RO57364 RO59451 RO61949 RO64097 RO68476 RO69794 RO70379 RO71176 RO72341 ) SUP ( RO31686 RO32562 RO32687 RO34731 RO55116 RO58051 RO59428 RO60051 RO64840 RO72934 TR72934 TR73649 TR73696 )