

VARY device-number,ONLINE,RESET

Occasionally, a device can be stuck offline for CUIR reasons. This situation can occur if, for example, the cluster that varied the device offline for CUIR reasons is no longer attached to the host. If the cluster is no longer attached, it cannot send the signal to the host to vary the device online. If this situation occurs, you must use this command to bring online the device that is being kept offline for CUIR reasons.

10.11 Cloud Storage tier considerations (R4.2 enhancement)

With R4.2, the TS7700 can store logical volumes on an attached Cloud Storage Tier. Although no host support is needed to use this new Cloud Storage Tier functionality, applying OA55481 to each attached z/OS host is recommended. For more information about this APAR and host considerations that involve this new functionality, see

IBM TS7700 R5.0 Cloud Storage Tier Guide, REDP-5573 at:

<http://www.redbooks.ibm.com/abstracts/redp5573.html>

10.12 Return-to-scratch enhancement

When a volume is returned to scratch, the following I/Os calls are made to the library for each volume:

- ▶ Move the volume from private to scratch
- ▶ Obtain the number of volumes in the scratch category

APAR OA48240 (z/OS V1R13+) can eliminate the second I/O call. After the APAR is applied, this change can be done by using the **LIBRARY DISABLE,CATCOUNT** command. This change can decrease the overall duration of return-to-scratch processing. Reenabling the second I/O call can be done by using the **LIBRARY RESET,CATCOUNT** command.

Although the second I/O call might be disabled, OAM can remain updated as to the current count of scratch tapes in the library by using a monitoring task in the OAM address space. This task queries the library for the current scratch count every 10 minutes. In addition, OAM continues to update the scratch count when a volume is changed from scratch to private.

10.13 Deleting virtual volumes

When a virtual volume is moved from the insert category into a scratch or private category, it can no longer be deleted from the TS7700 MI. To delete these volumes, you must verify that a TCDB volume entry exists for the volume to be deleted, and verify that it is in scratch status.

After these conditions are verified, you can use the EJECT function from a host that is connected to the TS7700. Because these volumes are virtual, the virtual volumes are deleted rather than being ejected by the host EJECT function.

The following steps describe how to create the volume entry for the volume (if it is not present in the TCDB), ALTER the volume to SCRATCH status, and EJECT the volume from the host using different methods:

1. Use the following JCL to start IDCAMS to create the volume entry in the TCDB: