CA Disk™ Backup and Restore

Release Notes

r12.5, Second Edition

Second Edition

CA Technologies Product References

This document references the following CA Technologies products:

- CA Disk™ Backup and Restore (CADisk)
- CA Datacom®/AD (CA Datacom/AD)
- CA OPS/MVS® Event Management and Automation (CA OPS/MVS EMA)

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Contents

Chapter 1: Enhancements to Existing Features

These improvements were added since the initial release of CA Disk™ Backup and Restore r12.5.

This section contains the following topics:

DYnnUNIT Sysparm

The special unit device types have increased from 9 to 20; DYN1UNIT through DY20UNIT. The various parameters that allow the selection by DYNn have been updated to include DYnn values.

RECATMIG Sysparm

Set the sysparm RECATMIG to Y. Y keeps the SMS class and Generation Data Set (GDS) status information in the catalog when an SMS data set is archived. By keeping the GDG status information, archived GDGs can be rolled out of the sphere and remain cataloged depending on the GDG base attributes.

DSNDUPVL Sysparm

DSNDUPVL Y/N provides a way to handle data sets with the same name that reside on different volumes. For more information, see Health Checks in the CA Disk User Guide.

GDG Phase II Processing

Improved support is added for maintaining GDG and SMS catalog information during Archive, Backup, Restore, Recover, and Delete functions.

The CA Disk User Guide section on Special Considerations is updated to include a new information on GDG Data Sets and Generation Wrapping.

New sections have been added to Best Practices Guide:

- Installation and Best Practices
- Set Recatalog Volume for Archived Data Sets
- Managing Generation Data Sets

If you run IBM z/OS 2.1 Apply IBM PTF UA72427 (OA44243: ADR497E CATALOG ERROR RC48 RSN E8-112) before using this support.

JCL and PROCs Updated for Datacom AD 14.0

CCUWJCL and CCUWPROC members are modified to reflect changes that are required for CA Datacom R14.0. If you use a CA Datacom Files Data Base (FDB) pre-R14.0, continue to use your production CA Datacom JCL and PROCS until you upgrade to CA Datacom R14.0 or greater.

Merge and Xcopy Triplexing

Merge and Xcopy can now triple the output, producing a primary, copy, and tertiary ARCHVOL for each output. Just as using sysparms MERCnTYP and MERCnNAM with dynamic allocation create a copy, sysparms MERTnTYP and MERTnNAM with dynamic allocation create a tertiary. A new flag in the ARCHVOLS indicates whether the ARCHVOL is a tertiary. By default, the tertiary feature is not turned on.

Native Support for Data Sets Over 20 Volumes

This support is enabled by removing MAXVOLS from the sysparm USEDSSIO.

If MAXVOLS is explicitly included, remove it:

- Old: USEDSSIOMAXVOLSPDSEHFS
- New: USEDSSIOPDSEHFS

If MAXVOLS is implicitly included with the Asterisk value, move to an explicit list:

- Old: USEDSSIO*
- New: USEDSSIOHFS,HWCOMPR,LDS,PDSE,LARGE

Parallel Merge

CA Disk Merge now checks for volumes in use by other Merges before selecting the volumes for processing. Use the MAXVOL parameter to ensure that Merge does not select all the volumes. For example, consider the following statement:

```
MERGE DYN=DYN1,MAXVOL=10
```

The first job submitted would select the first ten DYN1 types, the second would select the next ten, and the third job would select the next ten.

If MAXVOL is not used, Merge selects all the volumes based on the input parameters. If another duplicate Merge is submitted, no volumes are selected. Since this feature must see the volumes actively selected for merging, TAPEPULL=GEN selects the same volumes for each job.

Snapshot Support

Snapshot Support using DFSMSdss is a function of the RAMAC Virtual Array (RVA) that allows you to make a very quick copy of a set of tracks (an entire volume, a data set, or just a random set of tracks). The copy operation is completed with only a few I/Os to the device. Details on using this IBM feature are in the DFSMS/MVS 1.5 DFSMSdss Storage Administration Reference.

For additional information on determining concurrent copy storage requirements, see the chapter "Managing Availability with DFSMSdss" in the *DFSMS/MVS DFSMSdss Storage Administration Guide*.