VERĪTAS

Backup Exec™

for NetWare

Using v8.5 of VERITAS Backup Exec™ for NetWare's Enhanced ARCserveIT Tape Read Feature

With this release, Backup Exec for NetWare extends its ability to read ARCserveIT tapes, allowing you to more easily migrate from ARCserveIT to Backup Exec and to restore data from ARCserveIT tapes. Backup Exec will read:

- ARCserveIT for NetWare versions 4.x, 5.x, and 6.x
- ARCserveIT for Windows NT version 6.x
- ARCserveIT's native tape format
- ARCserveIT's embedded SMS tape format

How the Enhanced ARCserveIT Tape Read Works

When backing up a NetWare server, ARCserveIT 6.x by default includes Novell's SMS data streams within the ARCserveIT format, allowing ARCserveIT to get its data stream from a Novell TSA. ARCserveIT then packages this data stream within the ARCserveIT format and places this data on tape.

To read the data, Backup Exec unpackages the original TSA data and sends it back to the Novell TSA for interpretation. The NetWare server files and directories backed up by ARCserveIT can thus be fully restored by Backup Exec.

Special Limitations

If the default for ARCserveIT is changed so that ARCserveIT does not use SMS for backing up NetWare servers, the backup sets on the tape will be in ARCserveIT's native format. Backup Exec will restore file and directory data, but will not always restore the long name for files. Other limitations are that Backup Exec cannot read the following:

- ARCserveIT backup sets that are software compressed, software encrypted, or interleaved
- ARCserveIT backups of NDS data sets
- ARCserveIT backups of the NT registry
- ARCserveIT backups of Microsoft Exchange or Microsoft SQL data

Note NDS backups rapidly become out of date; therefore, you probably would not be restoring ARCserveIT backups of NDS data using Backup Exec.

Migrating from ARCserveIT to Backup Exec

Before installing Backup Exec, ensure ARCserveIT and all ARCserveIT components are shut down and out of memory. Use the ASTOP.NCF command to shutdown the ARCserveIT modules.

To install Backup Exec, follow procedures outlined in the VERITAS Backup Exec for NetWare Administrator's Guide.

After installing Backup Exec, you should perform a full backup of the systems being protected.

While Backup Exec allows the restoration from legacy ARCserveIT tapes, there are additional features only available with native Backup Exec tapes. For example, the fast cataloging of tapes is only available on native Backup Exec tapes. If you anticipate needing to restore from ARCserveIT tapes, you should test to ensure the tapes were not created in a format that prevents restoration by Backup Exec (see "Special Limitations" on page 1).

Restoring ARCserveIT Data

Restoring data from an ARCserveIT tape involves:

• Cataloging the tape
• Submitting a restore job

To restore data from an ARCserveIT tape:

1. At the Backup Exec Job Manager, press <ENTER> on the partition that contains the ARCserveIT tape

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Note   Session status must be READY at the Job Manager

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2. At the Utilities menu, select Catalog Tape, and then press <ENTER>
3. When prompted Do you want to use On Tape Catalogs if they exist? (Y/N), press N
4. When prompted Do you want to catalog any backup sets not yet cataloged on tape? (Y/N), press Y
5. Using one of the client modules, submit a restore job targeting a NetWare server on the network

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Note   For more information about creating restore jobs, refer to the VERITAS Backup Exec for NetWare Administrator's Guide

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