Novell Netware: Rebuilding Desktop File (10/95)

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TOPIC --

Macintosh systems use a Desktop database that contains information associating
the documents and applications with icons, and provides bitmap representations
of the icons. AppleShare servers, and third-party servers that use AFP (Apple
Filing Protocol), implement their own version of a Desktop database, enabling
Macintosh users to retain their familiar Macintosh graphical user interface when
accessing those server's volumes.

You can rebuild remotely a Novell Netware Desktop file on an AFP volume. This
article presents steps for rebuilding the network's Desktop file(s) for Netware
versions 3 and 4.

DISCUSSION ---

Netware 3.x

Netware 3.x has 3 hidden files in the Desktop AFP subdirectory that collectively
contain the database. Follow these steps to rebuild (clear) the Desktop files:

Step 1
Load AFP. It checks to see if the Desktop files exist, and if not, creates
them.

Step 2
Load AFP CDT. CDT stands for Clear Desktop. This clears out the databases. It
doesn't eliminate them, but merely clears them out.

Step 3
Rebuild the remote Netware volume. Use a Macintosh client running a version of
System 6 system software, or a System 7.x workstation booted with a System 6.x
System floppy disk. Hold down the Option key and the Command key (open Apple
key) when connecting to that volume.

If you don't have access to a System 6 system, a utility called Dayna Rebuilder
(included in REBLD.SEA file) is an alternative. If you have access to AppleLink,
the REBLD.SEA file can be found using this path: AppleLink Services (Main
Window) - Support - Third Parties - Third Parties (H-O) - Novell (folder) -
Novell - Patches - REBLD.SEA.

NOTE: AppleLink is the only known place we know of to obtain the REBLD.SEA file.

Step 4
Follow the steps to number 2 above.

Step 5
Mount the Novell volume you wish to rebuild, then launch the Rebuilder utility.

Step 6
A dialog box will appear on your desktop. Highlight the volume you wish to rebuild and click on the Rebuild button. If you wish to rebuild multiple volumes, hold down the <Shift> key, and highlight each volume you want to rebuild then click on the Rebuild button.

Step 7
A status bar will appear on the desktop showing the rebuilding progress. Also a dialog box will appear stating the desktop that has been successfully rebuilt when completed.

Step 8
For the Finder to recognize each new Desktop, you may need to restart or unmount and remount each rebuilt volume.

Netware 4.x

Netware 4.x uses a database Btrieve structure, which the server maintains dynamically. The system automatically checks the database for corruption. If it finds evidence of corruption, the server rebuilds the Desktop database. You can also force a rebuild of the database in a Netware 4.x environment within AFP CON:

Step 1
Load AFP CON.

Step 2
Choose Maintenance and Status option.

Step 3
Choose Volume information.

Step 4
Select your volume from the list.

Step 5
Choose Start Desktop Database Rebuild, Enable AFP, Choose Modified, Cancel Desktop.

Repeat these steps for each server you wish to rebuild.

Article Change History:

16 Oct 1995 - Changed information on getting Dayna Rebuilder utility.
10 Feb 1995 - Added information on where to find Dayna Rebuilder.
10 Oct 1994 - Added more information on Dayna Rebuilder.

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