
Tips on Moving Server Object in NDS Tree (*Last modified: 26JUN1998*)

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Symptom

What are the steps for moving a file server object in a NetWare Directory Services (NDS) Tree?

Solution

Prerequisite Tasks:

Before moving a server object, ensure that all servers in the tree are running NetWare 4.1x with the latest patches applied. All 4.10 servers need to be running at least DS.NLM v5.01 or higher, and all 4.11 servers should be running DS.NLM v5.95 or higher.

To increase the speed of the move, ensure that the server to be moved holds a replica of the partition in which it exists. If the server will be moved to a container in a different partition, it is recommended that the server hold a replica of that partition also.

Next, ensure that NDS is synchronizing properly. Check the server to be moved as well as all servers holding replicas of the "source" and "target" partitions. At the server console of the servers involved, type SET DSTRACE=ON, SET DSTRACE=+S, SET DSTRACE=*H. Switch to the Directory Services screen and look for "All Processed=Yes" for each partition replica stored on the server. Resolve any errors seen in DSTRACE before continuing. It is very important that NDS is synchronizing properly before any major change is made, including moving a file server object.

Moving a Server Object:

To move a server object using NWAdmin, highlight the file server object, select the Object menu, and select Move... from the menu. Then select the destination for the server object. NetAdmin can also be used to move a server object.

Once the file server object has been moved, check the Directory Services screen to see if any errors occur.

On the server whose object was moved and on a server that holds a ReadWrite (RW) replica of the partition in which the server object resides, go to the server console and follow these steps:

Type SET DSTRACE=ON (if DSTRACE is not already turned on),
Type SET DSTRACE=+limber (to view Limber Up process information),
Type SET DSTRACE=*L (to start the Limber Up process),

Switch to the Directory Services screen,

Note any errors,

Look for the messages "Limer: start connectivity check" and "Limer: end connectivity check".

These messages indicate that the server object was moved successfully.

The volume objects are separate objects that can also be moved, but they do not move automatically with the file server object. They can be moved using the same method described above. Moving the

volume object is optional; it is not required. Trustee assignments are not affected by moving the volume objects.

For bindery services to function, the server's bindery context must include the container in which the server object and users reside, so be sure to add the new (or destination) container to the server's bindery context using the SERVMAN.NLM utility or the SET BINDERY CONTEXT= command. The new Bindery Context needs to be updated in the AUTOEXEC.NCF (SERVMAN should prompt you to save the changes in AUTOEXEC.NCF).

Example: Server FS1 was moved from OU=Chicago.O=Novell to OU=Sydney.O=Novell. The bindery context setting on the server should now include Set Bindery Context = OU=Sydney.O=Novell. Server FS1 must also hold at least a Read only replica of the OU=Sydney.O=Novell partition, where the server and user objects are located that will be authenticating to the server locally.

Search: Change Server's Context, Relocate, move server object.

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