

Re: How to make an AD clone without replication

Source:

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- *From:* pdx <pdx@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
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Ken,

I did this and I'm having issues. I restored all servers from backup using NetBackup 5.1. The restore included Shadow Copy Components/System State for all servers.

After the restore things look ok but I'm having problems. I can logon with my domain account on the DCs but not the member servers. Receive the error, "The system cannot log you on because the domain <> is not available".

In ADUC on DCs user and computer accounts are present but no machines seem to have connectivity with others. Some examples:

– If I run "w32tm /monitor" on any machine – including the DCs – I receive, "GetDcList failed with error code: 0x80070057"

– I can ping all servers from all over servers using ip, netbios name and fqdn.

– Occasionally when I attempt to logon to a DC I recv the error, "Naming information cannot be located because the specified domain either does not exist or could not be contacted". This error condition eventually goes away and then I'm able to logon to a DC.

I'm going to run netdiag and dcdiag and see if they tell me anything tomorrow but I'm wondering if you have any insight. I have to get this working by 7pm PST tomorrow and I'm getting a bit anxious.

Thanks

"Ken Aldrich" wrote:

The easiest way to do this is to give your Backup solution a run for its money.

It also helps make sure your backups are working and you actually know how to restore a DC from tape if it ever comes down to it.

I used to just take my most recent backup tapes, bring them into my test

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lab, and restore the DCs. Now I've got a test copy, I don't need to have it replicate or touch my production environment in any way, and I know my disaster recovery procedures work.

Its a win-win.

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"goldfinger" <goldfinger@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:842F1A94-3E7C-4381-ACC6-C6A21A097B85@xxxxxxxxxxxxxxxxxxxx

We want to clone a w2k3 active directory contents from a production environment to a test environment.
For security reasons the new domain must have a other name and further it's not allowed to replicate the AD to a new DC, separate it and transfer the FSMO roles and rename the domain.

Now I guess which will be the best way to make an AD copy?

After having this restrictions I think exporting the AD contents, modify it and import to a new domain is one way to do this.

Is there a way for cloning to preserves attributes like GUIDs, SID's and passwords and to clone all three AD partitions (configuration, schema and domain name).

What is the right tool for this task? (LDIFDE, ADTM or ???)