

RE: windows NT to Win2K3 with Exchange 5.5 to Exchange 2K3

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Hello Fshguo,

Good to hear from you.

According to your message, I understand that you now have a NT domain and a win2k domain. Your goal is to migrate the NT domain to a win2kd domain. Is this correct?

I notice you have Exchange 5.5 on your BDC, and you plan to migrate Exchange 5.5 to Exchange 2k3. Regarding this part, please post it in the microsoft.public.exchange.setup newsgroup since they are the experts in Exchange and will provide the most accurate information on this issue.

As for migrating NT to win2k3 domain, I suggest you follow the two steps below to achieve your goal.

1. Upgrade your win2k domain to win2k3 domain.
2. Migrate from NT to win2k3 using ADMT.

Upgrading to win2k3 domain

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1. Backup your win2k DC before you take any action.

2. Run "adprep" to extend the schema.

Run "ADPREP /FORESTPREP" and "ADPREP /DOMAINPREP") to upgrade the existing Windows 2000 forest and domain to ensure that they contain the additional objects, attributes and permissions necessary to support the Windows Server 2003 Active Directory environment.

Refer to the following articles for more information.

Please pay more attention in the part "Overview: Upgrading Windows 2000 domain controllers to Windows Server 2003", which contains the information about "adprep":

325379 How to Upgrade Windows 2000 Domain Controllers to Windows Server 2003
<http://support.microsoft.com/?id=325379>

Upgrading Windows 2000 Domains to Windows Server 2003 Domains
http://www.microsoft.com/technet/treeview/default.asp?url=/technet/prodtechnol/windowsserver2003/proddocs/deployguide/dssbf_upwn_overview.asp

3. Decide whether to directly upgrade a win2k DC depending on the hardware.
(Optional)

3.1 If the hardware supports win2k3, upgrade the win2k DC to win2k3 DC by using Winnt32.exe.

3.2 If the hardware doesn't support win2k3, promote a win2k3 member server to DC by dcpromo.

Step 3 is optional because after step 2, you have already had a win2k3 domain. You can upgrade your win2k DC to win2k3 DC as you like.

Migrating from NT domain to win2k3 domain:

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1. Set up trusts between NT and win2k3 domain.

In your scenario, you have already had dual trusts established with NT and win2k. When win2k domain is upgraded, the trusts will remain. You may verify the trusts and then go on.

Use NetDom or Active Directory Domains and Trusts to verify the trusts.

Please refer to the articles below.

NetDom Examples

http://www.microsoft.com/resources/documentation/WindowsServ/2003/all/techref/en-us/Default.asp?url=/Resources/Documentation/windowsserv/2003/all/techref/en-us/NetDom_examples.asp

Pay extra attention to the snippet "verify a trust":

How to establish trusts with a Windows NT-based domain in Windows Server 2003

<http://support.microsoft.com/default.aspx?scid=kb:en-us:325874>

2. Use ADMT to migrate from NT to win2k3.

I would like to suggest that you migrate the groups and users separately (do not migrate the associated members when migrating groups).

You can download ADMT from the link below:

Windows 2000 Active Directory Migration Tool

<http://www.microsoft.com/windows2000/downloads/tools/admt/default.asp>

More information:

Active Directory Migration Tool Overview

<http://www.microsoft.com/windows2000/techinfo/planning/activedirectory/admt.asp>

Migrating Windows NT to Windows Server 2003 using the Active Directory Migration Tool

http://techupdate.zdnet.com/techupdate/stories/main/Migrating_Windows_NT_to_Windows_Server_2003.html

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Hope this helps. If you have any further questions, don't hesitate to get in touch!

Best regards,

Frances He

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