

## Re: NT 4 Migration ( PDC & BDC )

**Source:**

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.migration/2004-09/0450.html>

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**From:** SL Alagappan (*lalagappan\_at\_hotmail.com*)

**Date:** 09/20/04

Date: Mon, 20 Sep 2004 11:31:21 +0530

Hi Rebecca,

Thanks for your quick tips.

1) The problem with Scenario 1 is that, the new server which propose to procure ( Compaq ML370 G4 ) is not supported under Windows NT 4.0. Hence, may not be able to install Windows NT 4.0 in the new server due to driver non-availability,etc.

2) any idea on how to migrate DNS, DHCP and Wins from Win NT 4.0 to W2K3?

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With Regards,  
SL Alagappan,  
"Rebecca Chen [MSFT]" <v-rebc@online.microsoft.com> wrote in message  
news:YT0Vs0snEHA.3096@cpmsftngxa06.phx.gbl...  
> Hi Alagappan,  
>  
> There are two scenarios regarding to your question.  
>  
> Scenario 1: Remain the same domain name  
> =====  
> If you would like to remain the same domain name as NT domain, you need to  
> do the following:  
> - Install Windows NT as a BDC on a new server  
> - Promote a Windows NT 4.0 BDC to the PDC, which demotes the PDC to a BDC.  
> - Do a full backup of the former PDC and remove it from the network.  
> - Upgrade the new PDC to Windows Server 2003.  
> - Use the Windows Server 2003 Active Directory wizard to turn on the  
> Active  
> Directory service. The Active Directory service imports the existing user  
> accounts, groups, and other settings from the PDC.  
> - Run your new Windows Server 2003 domain controller with Active Directory  
> for a test period.  
> - If desired you can do a clean installation of Windows Server 2003 on the  
> former PDC, and bring it online as an Active Directory domain controller.  
> - Transfer all Flexible Single-Master Operation (FSMO) roles to the new  
> Windows Server 2003 domain controller.  
> - Verify all directory information has replicated.  
> - Demote the first domain  
>  
> More details could be found:  
> Why Upgrade from Windows NT 4.0 to Windows Server 2003

microsoft.public.windows.server.migration: Re: NT 4 Migration ( PDC & BDC )

> <<http://www.microsoft.com/windowsserver2003/evaluation/whyupgrade/nt4/nt4tow>  
> net.msp>  
>  
>  
> Upgrading from Windows NT Server 4.0 to Windows Server 2003  
> <<http://www.microsoft.com/windowsserver2003/evaluation/whyupgrade/nt4/nt4tow>  
> s03-2.msp>  
>  
> Scenario 2: Create a new domain  
> =====  
> If you prefer to create a new domain, please use the steps below:  
>  
> 1. Install Windows 2003 on a new server.  
> 2. Use Active Directory wizard to promote your Windows 2003 machine to be  
> a  
> new forest root domain.  
>  
> 3. Create the trust relationship between the two domains.  
>  
> 4. Use the ADMT to migrate data from the old domain to the new domain.  
>  
> 5. Transfer FSMO from NT to win2k3 if you want to retain the original DHCP  
> and DNS setting.  
> 6. Using Ntdsutil.exe to seize or transfer FSMO roles to a domain  
> controller  
> <<<http://support.microsoft.com/default.aspx?scid=kb;en-us;255504>>>  
>  
> 7. Remove the original NT 4 domain.  
>  
> Before you migrate, I strongly suggest that you download and read the  
> following documents about migrating from Windows NT 4.0 to Windows 2003:  
>  
> Migrating from Windows NT Server 4.0 to Windows Server 2003  
> <<http://www.microsoft.com/downloads/details.aspx?FamilyID=e92cf6a0-76f0-4e25>  
> -8de0-19544062a6e6&DisplayLang=en>  
>  
> Further question, let us get in touch!  
>  
> Best regards,  
>  
> Rebecca Chen  
>  
> MCSE2000 MCDBA CCNA  
>  
>  
> Microsoft Online Partner Support  
> Get Secure! - [www.microsoft.com/security](http://www.microsoft.com/security)  
>  
> =====  
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> When responding to posts, please "Reply to Group" via your newsreader so  
> that others may learn and benefit from your issue.  
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