

Re: upgrade NT 4.0 to Windows 2000 AD

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2006-02/msg00438.html

- *From:* "Jorge de Almeida Pinto [MVP]"
<SubstituteThisWithMyFullNameSeparatedByDots@xxxxxxxxxx>
 - *Date:* Tue, 28 Feb 2006 21:49:55 +0100
-

when upgrading the AD, ADMT is not needed

after upgrading the PDC introduce another server with a fresh w2k install and promote it to DC. see the steps I mentioned earlier

--

Cheers,
(HOPEFULLY THIS INFORMATION HELPS YOU!)

Jorge de Almeida Pinto # MVP Windows Server – Directory Services

BLOG --> <http://blogs.dirteam.com/blogs/jorge/default.aspx>

-
- * This posting is provided "AS IS" with no warranties and confers no rights!
 - * Always test before implementing!
-

"Webmaster – iPlus" <webmaster@xxxxxxxxxxxxxx> wrote in message
news:eQZX2hDPGHA.1192@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi Jorge,
I already have additional lic of w2k which are unused and really have no budget to get 2k3 right now. Thats why the 2k server – Thanks for the help
:
Here is what I would do now :
Install fresh BDC, promote to PDC and upgrade it as win2k AD. Now after this
is done – is there a way I can install a fresh win2k adv srv and make it the master control ? Will ADMT help doing that ?
Best,Sam.

"Jorge de Almeida Pinto [MVP]"
<SubstituteThisWithMyFullNameSeparatedByDots@xxxxxxxxxx> wrote in message

Re: upgrade NT 4.0 to Windows 2000 AD

news:%23JraOH%23OGHA.1216@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

look at the following example upgrade.... by the way.. why upgrade to w2k

AD

and not w2k3 AD?

If you want to keep the same domain and its name you could do an in-place upgrade of the domain by:

- * introducing two additional NT4 BDCs (fresh installed – desktops will be OK)
- * Introduce two fresh installed W2K3 member servers to the domain and install and configure DNS (with DNS zones and DDNS), WINS (and DHCP if needed) on it (these will be promoted to DC later on)
- * Configure the NT4Emulator and NeutralizeNT4Emulator registry keys on the w2k3 member servers. Reboot the server (see: http://www.petri.co.il/first_dc_in_domain_problem.htm & <http://support.microsoft.com/?kbid=284937>)
- * Point all servers the new DNS/WINS servers in their TCP/IP settings
- * Promote on the fresh installed NT4 BDCs to a PDC and sync the domain
- * Configure the NT4Emulator and NeutralizeNT4Emulator registry keys on the new NT4 PDC. Reboot the server (see: http://www.petri.co.il/first_dc_in_domain_problem.htm & <http://support.microsoft.com/?kbid=284937>)
- * shutdown the other fresh installed NT4 BDC and keep that as a safe

measure

- * Upgrade the new NT4 PDC to a W2K3 DC and choose during the AD install

for

Forest functional level Windows Server 2003 Interim

- * promote both w2k3 member servers to DCs and after that make both DCs a

Re: upgrade NT 4.0 to Windows 2000 AD

GC

- * Transfer the FSMO roles from the upgraded w2k3 DC to one of the fresh installed W2K3 servers (now DCs)
- * Configure the DNS zones to be AD integrated and configure secure DDNS
- * Demote the upgraded w2k3 DC to a member server and remove from the

domain

- * If everything is OK remove the NT4 BDCs from the domain and cleanup computer accounts
- * If everything is OK remove the NT4Emulator and NeutralizeNT4Emulator registry keys from the fresh installed w2k3 servers (now DCs). Reboot the servers one by one. If you have w2k/wxp/w2k3 clients and/or servers these will start using kerberos authentication as soon as these the w2k3 DCs. These clients/servers were not able to see them because the w2k3 DCs were emulating NT4 DC behavior to prevent upgrading the secure channel to kerberos and stay with NTLM. If you would not have done this and you

wanted

to revert back to the NT4 DCs and thus removing the W2K3 DCs, you needed

to

re-add each w2k/wxp/w2k3 clients and/or servers to the domain

- * If everything is OK increase the domain and forest functional level to windows server 2003

REMARK: the use of the NT4Emulator registry on the DCs also prevents W2K/WXP/W2K3 clients/servers to apply GPOs. That key is just a safe

measure

so the first W2K3 DC is not overloaded. The other safe measure is to first

test everything using NTLM authentication and then switch to Kerberos by removing the keys (NT4Emulator and NeutralizeNT4Emulator) from the DCs

There is more to it then this, so make sure you look at:

Re: upgrade NT 4.0 to Windows 2000 AD

<http://www.microsoft.com/technet/prodtechnol/windowsserver2003/library/DepKit/b170bdc5-ba55-4184-8a>

If you also have exchange, you need to take care of that to!

Cheers,
(HOPEFULLY THIS INFORMATION HELPS YOU!)

Jorge de Almeida Pinto # MVP Windows Server – Directory Services

BLOG --> <http://blogs.dirteam.com/blogs/jorge/default.aspx>

* This posting is provided "AS IS" with no warranties and confers no rights!

* Always test before implementing!

"Webmaster – iPlus" <webmaster@xxxxxxxxxxxx> wrote in message news:ec%23dwk5OGHA.1696@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hello:

I've a windows NT 4.0 based network & I need help to upgrade it to 2000 Active Directory single forest single domain (Mixed mode). Is there any way that I can do this without upgrading my PDC / BDC – I mean by just intalling Windows 2000 server – can I port all the NT 4.0 settings into the AD and then make it a Master Controller ?

Re: upgrade NT 4.0 to Windows 2000 AD

Thanks for all the help. Best, Sam.