

## RE: 2003 AD/DNS question

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.migration/2004-04/0310.html>

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**From:** Alex Zhang (v-qiz\_at\_online.microsoft.com)

**Date:** 04/08/04

Date: Thu, 08 Apr 2004 12:02:24 GMT

Hello Janet,

Thank you for posting here.

1. You can only upgrade Windows NT Server 4.0 Enterprise Edition to Windows Server 2003, Enterprise Edition.

For more information you may browse the following web site:

Supported Paths for Upgrading to Windows Server 2003 or to Windows Small Business Server 2003

<http://support.microsoft.com/default.aspx?scid=kb:en-us:810613>

2. You should configure DNS Server during upgrade.

3. Yes, you can set up the internal dns with domain.local and the AD root as domain.local AD-integrated dynamic, then add my other dns zones (non-dynamic).

Some related information:

HOW TO: Integrate Windows Server 2003 DNS with an Existing DNS Infrastructure in Windows Server 2003

<http://support.microsoft.com/default.aspx?kbid=323417>

HOW TO: Integrate DNS with an Existing DNS Infrastructure If Active Directory Is Enabled in Windows Server 2003

<http://support.microsoft.com/default.aspx?scid=kb:EN-US:323418>

HOW TO: Configure DNS in a New Workgroup Environment in Windows Server 2003

<http://support.microsoft.com/default.aspx?scid=kb:en-us:324259>

HOW TO: Configure DNS for Internet Access in Windows Server 2003

<http://support.microsoft.com/default.aspx?scid=kb:EN-US:323380>

4. During the upgrade process, many files are copied, deleted, and replaced. This can cause the drive to become defragmented. For more information :

microsoft.public.windows.server.migration: RE: 2003 AD/DNS question

Windows 2000 Professional Upgrade Can Cause Disk Fragmentation

<http://support.microsoft.com/default.aspx?scid=kb:en-us:262627>

Disk Defragmenter Limitations in Windows 2000, Windows XP, and Windows Server 2003

<http://support.microsoft.com/default.aspx?scid=kb:EN-US:227463>

I hope the information I have provided you with proves helpful!

If you have any questions please do not hesitate to let me know. I am glad to be of assistance.

Thanks and regards,

Alex Zhang

Microsoft Partner Online Support

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| Thread-Topic: 2003 AD/DNS question  
| thread-index: AcQcrxAkIKXjYzo9Q2WUxxmb1NL8Hw==  
| X-Tomcat-NG: microsoft.public.windows.server.migration  
| From: "=?Utf-8?B?SmFuZXQ=?" <janetb@mtn.ncahec.org>  
| Subject: 2003 AD/DNS question  
| Date: Wed, 7 Apr 2004 07:46:08 -0700  
| Lines: 16  
| Message-ID: <1B24F4B1-6305-40AD-82A2-7BCCFF5733C3@microsoft.com>  
| MIME-Version: 1.0  
| Content-Type: text/plain;  
| charset="Utf-8"  
| Content-Transfer-Encoding: 7bit  
| X-Newsreader: Microsoft CDO for Windows 2000  
| Content-Class: urn:content-classes:message  
| Importance: normal  
| Priority: normal  
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.3790.0  
| Newsgroups: microsoft.public.windows.server.migration  
| Path: cpmsftngxa06.phx.gbl  
| Xref: cpmsftngxa06.phx.gbl microsoft.public.windows.server.migration:9647  
| NNTP-Posting-Host: tk2msftcmty1.phx.gbl 10.40.1.180  
| X-Tomcat-NG: microsoft.public.windows.server.migration

| Our current DNS is hosted by an outside ISP; we have also purchased additional domain names for a future change. Our current plan is to do an in-place upgrade from NT4 to Server2003. A few questions:

1. Current NT BDC that I plan to promote and then upgrade is Enterprise, but I want to upgrade box to Server 2003 Standard, okay?

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2. Do I configure DNS during upgrade process, or after upgrade by deleting the ... root and starting my dns structure from scratch?

2. In setting up AD/DNS, with integrated AD zones, I read that split-brain is the preferred way to go: So...

Let's say the domain I purchased and plan to use in the future is domain.net (remember, different from the domain currently being used) – both current and future to be hosted externally. Should I set up the internal dns with domain.local and the AD root as domain.local AD-integrated dynamic, then add my other dns zones (non-dynamic)?

If we make the switch down the road to using email, etc., of myname@domain.net and change the MX record to point to the server running email services (any flavor – Microsoft or Novell?), are we okay?

3. After upgrade, I read that it's a good idea to run the disk defragger and defrag the pagefile and set registry file maximums? Is this true? Any papers and tools from Microsoft to do this?

Thanks so much,  
Janet  
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