

RE: DNS AD integrated

Source:

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- *From:* v-jasont@xxxxxxxxxxxxxxxxxxxxxxxx (Jason Tan (MSFT))
 - *Date:* Wed, 22 Feb 2006 05:23:06 GMT
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Hello,

Thanks for posting!

Active Directory Integrated DNS zones have three different configuration options:

- Option#1 -- To all DNS servers in the Active Directory forest
<domainname.com>
- Option#2 -- To all DNS servers in the Active Directory domain
<domainname.com>
- Option#3 -- To all Domain Controllers in the Active Directory domain
<domainname.com>

Each of these configuration options causes the DNS zone to be stored in different containers in the Active Directory

To use DNS integration within Active Directory, assign the zone type Active Directory-integrated when you create the zone. (For more information about how to create zones, see Windows 2000 Server Help.) Objects that represent zone database records are created in the Microsoft DNS container within the System container (visible in the Advanced Features view in Active Directory Users and Computers), and the contents are replicated to all domain controllers in the domain. When you have Active Directory integrated DNS zones, all Active Directory domain controllers that run Windows 2000 DNS server and are appropriately configured function as primary name servers.

When DNS data is stored in Active Directory, each DNS zone is an Active Directory container object (class dnsZone). The dnsZone object contains a DNS node object (class dnsNode) for every unique name within that zone. These unique names include the variations assigned to a specific host computer when it functions, for example, as a primary domain controller or as a Global Catalog server. The dnsNode object has a dnsRecord multivalued attribute that contains a value for every resource record that is associated with an object's name.

Option#1 -- To all DNS servers in the Active Directory forest

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<domainname.com>

- a. Adsiedit.msc
- b. Configuration container
- c. CN=Partitions
- d. "New connection to Naming Context"
- e. open DC=ForestDnsZones
- f. CN=MicrosoftDNS
- g. DC= <domainname.com>

Option#2 -- To all DNS servers in the Active Directory domain

<domainname.com>

Configuration container:

- a. Adsiedit.msc
- b. Configuration container
- c. CN=Partitions
- d. "New connection to Naming Context"
- e. open DC=DomainDnsZones
- f. CN=MicrosoftDNS
- g. DC= <domainname.com>

Option#3 -- To all Domain Controllers in the Active Directory domain

<domainname.com>

Domain container:

- a. Adsiedit.msc
- b. Domain container
- c. CN=System
- d. CN=MicrosoftDNS
- e. DC= <domainname.com>

More detailed information for your reference:

Active Directory-Integrated DNS

<http://www.microsoft.com/resources/documentation/Windows/2000/server/reskit/en-us/Default.asp?url=/resources/documentation/Windows/2000/server/reskit/en-us/distrib/dsbb_act_zzyb.asp>

Hope the information helps.

Best Regards,

Jason Tan

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| From: "John Smith" <someone@xxxxxxxxxxxxxx>
| Subject: DNS AD integrated
| Date: Tue, 21 Feb 2006 14:24:34 -0800
| Lines: 8
| X-Priority: 3
| X-MSMail-Priority: Normal
| X-Newsreader: Microsoft Outlook Express 6.00.2900.2180
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2180
| X-RFC2646: Format=Flowed; Original
| Message-ID: <u5fZTWzNGHA.3196@xxxxxxxxxxxxxxxxxxxxxx>
| Newsgroups: microsoft.public.windows.server.dns
| NNTP-Posting-Host: ip68-224-56-121.lv.lv.cox.net 68.224.56.121
| Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP09.phx.gbl
| Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.dns:26240
| X-Tomcat-NG: microsoft.public.windows.server.dns

| I've been playin with DNS, and i'm learning alot. the only thing i have a
| question about is AD-Integrated dns. i was reading a ms press book and it
| says that all AD-I primary zones get stored in AD and replicated thru AD.
| where do i see these DNS objects in AD? i can see everything just fine in
| the DNS snap in but i dont know where to search in active directory users
| and groups. any help would be greatly appreciated.

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