

Re: AD & BIND: domain listing is slow

Source:

http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.active_directory/2006-01/msg00154.html

- *From:* "Herb Martin" <news@xxxxxxxxxxxxxxx>
 - *Date:* Thu, 5 Jan 2006 20:33:41 -0600
-

"Blaqb0x" <blaqb0x@xxxxxxxxxxxxxxx> wrote in message
news:%23rAv%23KjEGHA.3092@xxxxxxxxxxxxxxx

> Thanx for the info I'll try that.

>

> Is it possible to skip NETBIOS resolution or at least shorten the timeout
> and go to DNS resolution?

Generally no, but I am also sure there are some registry settings to actually do this.

The reason is that Browsing is a NetBIOS problem so even the DNS resolution for it is technically part of NetBIOS.

Best might be to make these machines into P-node and make sure they have a VALID WINS server.

Now everything that is registered will get resolved quickly. Broadcasts will be SKIPPED, and then DNS fail over will be used.

Oh, and if you just setup you NetBIOS correctly with the WINS server (which the method above requires) you won't care because the netbios will be fast anyway.

> I thought WINS was supposed to be phased out soon.

That's right. It will be phased out in a future version of the OS "real soon now." <grin>

But not yet...there are too many dependencies left so it should really just be made to work.

One of the primary dependencies is browsing.

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Herb Martin, MCSE, MVP
Accelerated MCSE
<http://www.LearnQuick.Com>

Re: AD & BIND: domain listing is slow

[phone number on web site]

> Thanks,

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>

> "Herb Martin" <news@xxxxxxxxxxxxxxxx> wrote in message

> news:eyAcaALEGHA.3728@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

>>> I have a set of 3 windows standard edition servers. All are domain
>>> controllers for a single forest domain. I'm currently using BIND 9.x
>>> for DNS.

>>>

>>

>>> The resolution of machines on the domain is very slow in the Network
>>> Places. I know the machines have no problems
>>> resolving DNS names. Is there a way of speeding this up?

>>

>> The first step is to run DCdiag on each DC and fix any
>> errors or warnings.

>>

>> Most slow resolution does come down to DNS but note that
>> Network Places is PRIMARILY dependent on NetBIOS.

>>

>> If you have more than one subnet this practically means WINS
>> server. Without that you will be waiting for NetBIOS to fail
>> before the DNS is used for resolution.

>>

>>

>>> Also, although there is a verified trust between this domain and another
>>> Win2k domain. I can't seem to access machines on the other
>>> domain(access denied).

>>

>> "access" is very unspecific but most such cases across domains
>> are again DNS or NetBIOS problems.

>>

>> NetBIOS, and maybe a common WINS database, is a practical
>> requirement if you have EXTERNAL trusts (outside the forest.)

>>

>>

>>> Can

>>> someone give me some pointers on troubleshooting this issue. I suppose
>>> once BIND is configured correctly it should work better.

>>

>> DCdiag. But even though BIND can work, since you have all
>> Win2000 DCs for DNS you will be better served by using
>> Microsoft DNS and AD Integration.

>>

>> This will NOT however fix your likely current problems

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>> directly.
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>>
>>
>> --
>> Herb Martin, MCSE, MVP
>> Accelerated MCSE
>> <http://www.LearnQuick.Com>
>> [phone number on web site]
>>
>> "Blaqb0x" <blaqb0x@xxxxxxxxxxxx> wrote in message
>> <news:eLAAoKKEGHA.2708@xxxxxxxxxxxxxxxxxxxxxxxx>
>>> Hi,
>>>
>>> I have a set of 3 windows standard edition servers. All are domain
>>> controllers for a single forest domain. I'm currently using BIND 9.x
>>> for DNS.
>>>
>>> The current service records are listed below.
>>> -----
>>> ;
>>> ; Active Directory Service Records
>>> ;
>>> _ldap._tcp.foobar.com. SRV 0 0 389 ponzi.foobar.com.
>>> _kerberos._tcp.foobar.com. SRV 0 0 88 ponzi.foobar.com.
>>> _ldap._tcp.dc._msdcs.foobar.com. SRV 0 0 389 ponzi.foobar.com.
>>> _kerberos._tcp.dc._msdcs.foobar.com. SRV 0 0 88 ponzi.foobar.com.
>>>
>>> _ldap._tcp.foobar.com. SRV 8 8 389 bluechip.foobar.com.
>>> _kerberos._tcp.foobar.com. SRV 8 8 88 bluechip.foobar.com.
>>> _ldap._tcp.dc._msdcs.foobar.com. SRV 8 8 389 bluechip.foobar.com.
>>> _kerberos._tcp.dc._msdcs.foobar.com. SRV 8 8 88 bluechip.foobar.com.
>>> -----
>>>
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>>> Places. I know the machines have no problems
>>> resolving DNS names. Is there a way of speeding this up?
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>>> Also, although there is a verified trust between this domain and another
>>> Win2k domain. I can't seem to access machines on the other
>>> domain(access denied). Can
>>> someone give me some pointers on troubleshooting this issue. I suppose
>>> once BIND is configured correctly it should work better.
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>>> Any help would be appreciated.
>>>
>>> Thanks,
>>>
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>

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• **References:**

- ◆ **AD & BIND: domain listing is slow**
◇ From: Blaqb0x
 - ◆ **Re: AD & BIND: domain listing is slow**
◇ From: Herb Martin
 - ◆ **Re: AD & BIND: domain listing is slow**
◇ From: Blaqb0x
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