

Re: Domain Controller not resolving name

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- *From:* "Kerry Brown" <kerry@xxxxxxxxxxxxxxxxxxxxx*a*m>
 - *Date:* Thu, 16 Mar 2006 15:28:03 -0800
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Make sure the domain controller is also a DNS server. This normally happens by default when you run dcpromo. Then change all the computers including the domain controller to use the domain controller's IP for DNS. The domain controller should not be DHCP enabled. It should have a static IP address. The best configuration would be to have your domain controller with a static IP (say 192.168.2.2) running DNS, WINS, and DHCP. Just use the router for the gateway. There are many other considerations like setting up DNS forwarders etc but for now this will get you running. Use the Manage Your Server wizard to add DHCP, DNS, and WINS and turn off DHCP on the router.

Kerry

Rob D. wrote:

Yes, I am using a router for the DHCP. The DNS Server is also on the router and all the workstations are pointing to it.

IPCONFIG /ALL for workstation:

Ethernet Adapter local Area Connection:
Connection-specific DNS suffix: no-domain-set.bellcanada
DHCP Enabled - Yes
Auto Configuration Enabled - Yes
IP Address - 192.168.2.22
Subnet Mask - 255.255.255.0
Default Gateway - 192.168.2.1
DHCP Server - 192.168.2.1
DNS Server - 192.198.2.1

IPCONFIG /ALL on the Domain Controller

Ethernet Adapter local Area Connection:
Connection-specific DNS suffix: no-domain-set.bellcanada
DHCP Enabled - Yes
Auto Configuration Enabled - Yes
IP Address - 192.168.2.48
Subnet Mask - 255.255.255.0

Re: Domain Controller not resolving name

Default Gateway – 192.168.2.1

DHCP Server – 192.168.2.1

DNS Server – 192.198.2.1

What should I do next? Please advise. thanks

Rob

"Kerry Brown" wrote:

Rob D. wrote:

Hi,

When I ping the domain controller from a client machine, it only pings by typing the ip address but does not ping while resolving the domain controller name.

Also, when I do an 'nslookup' i get a response saying 'Can't find server name for address '!!!' What do you suppose the problem is?

I think this is why I can't apply policies to the workstations.

Please advise. best Regards!
Rob

This sounds like a DNS problem. With active directory you need a DNS server running on a domain controller and all computers on the network including domain controllers using this DNS server. Are you using a router for DHCP? What DNS server are your workstations pointing to? If you could give us the IP of your domain controller and the results of ipconfig /all from a workstation it would help in the diagnosis.

Kerry