

Re: Network configuration problem

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2006-04/msg00245.html>

- *From:* D. Milton <D.Milton@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 16 Apr 2006 17:08:01 -0700
-

I removed the Remote Access/VPN Server role from the server and am now able to access the internet. I can ping the router, 4.2.2.1, and yahoo.com from the server.

I can also ping the server's local address (192.168.16.2) from the laptop (192.168.16.11). I cannot ping the server's external nic address (192.168.0.2) from the laptop, nor can I ping the router (192.168.0.1) from the laptop.

I cannot ping the laptop (192.168.16.11) from the server.

Nor can I get to the internet from my laptop. Note: I have not added joined them to the domain.

IPConfig from the laptop:
Windows IP Configuration

Host Name : DjanaM-HPLaptop
Primary Dns Suffix :
Node Type : Hybrid
IP Routing Enabled. : No
WINS Proxy Enabled. : No
DNS Suffix Search List. : Pacific-Software.local

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : Pacific-Software.local
Description : Realtek RTL8139/810x Family Fast
Eth
ernet NIC
Physical Address. : 00-0A-E4-DF-72-B7
Dhcp Enabled. : Yes
Autoconfiguration Enabled : Yes
IP Address. : 192.168.16.11
Subnet Mask : 255.255.255.0
Default Gateway :
DHCP Server : 192.168.16.2
DNS Servers : 192.168.16.2

Re: Network configuration problem

Lease Obtained. : Sunday, April 16, 2006 4:45:56 PM

Lease Expires : Monday, April 24, 2006 4:45:56 PM

Thank you

—

D. Milton

This posting is provided "AS IS" with no warranties, and confers no rights.

"D. Milton" wrote:

Argh, I cannot ping the router. Ping 192.168.0.1 fails.

For ensuring that IP routing is enabled in the 192.168.16.x subnet, what do I need to do?

Right, none of the networking computers can access the internet via the wired LAN.

Thank you

—

D. Milton

This posting is provided "AS IS" with no warranties, and confers no rights.

"Robert L [MS-MVP]" wrote:

We have many issues here.

1. To troubleshooting the internet access from the server, ping the router 192.168.0.1 first. If you can ping it, the ping 4.2.2.1, if you can ping it, ping yahoo.com post back with the result.
2. For the computers in 192.168.16.x subnet, make sure the IP routing is enabled.

How to troubleshoot the Internet Access issues

You just setup a network and all networking computers can see each other. However, you have one of some following issues:

1. None of the networking computers can access the Internet.
2. Only one of two computers can access the Internet.

Re: Network configuration problem

3. Cannot access some web sites.

Bob Lin, MS-MVP, MCSE & CNE
Networking, Internet, Routing, VPN Troubleshooting on
<http://www.ChicagoTech.net>
How to Setup Windows, Network, VPN & Remote Access on
<http://www.HowToNetworking.com>
"D. Milton" <D.Milton@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:85D948B2-7757-471F-9686-D54E8BA1DD13@xxxxxxxxxxxxxxxxxxxx>
Hi,

I have what is probably a fairly basic problem.

I have a win2k3 server standard, with two nics, one external and one internal.

The external nic connects to a wireless router. The router address is
192.168.0.1. The ip address for the external

nic is 192.168.0.2.

DHCP is enabled on the server. The internal nic's ip address is 192.168.16.2.

I can ping the server (192.168.16.2) from a xp professional laptop connected
to a switch from the server's internal nic. I cannot, however, ping the
laptop (192.168.16.11) from the server.

Moreover, I cannot connect to the internet from either the server or the
laptop with my current configuration. Although, I can establish a wireless
connection to the internet from the laptop.

I am able to NET USE to the server from the laptop. The laptop is not
joined to the domain.

Questions:

*why can I not establish an internet connection from the server? What do I
need to do differently?

*why can't I ping the laptop from the server?

Thanks!

Ipconfig /all from the laptop:

Windows IP Configuration

Host Name : DjanaM-HPLaptop
Primary Dns Suffix :
Node Type : Hybrid
IP Routing Enabled. : No
WINS Proxy Enabled. : No

Re: Network configuration problem

DNS Suffix Search List : Pacific-Software.local

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . : Pacific-Software.local
Description : Realtek RTL8139/810x Family Fast
Ethernet NIC
Physical Address. : 00-0A-E4-DF-72-B7
Dhcp Enabled. : Yes
Autoconfiguration Enabled : Yes
IP Address. : 192.168.16.11
Subnet Mask : 255.255.255.0
Default Gateway :
DHCP Server : 192.168.16.2
DNS Servers : 192.168.16.2
Lease Obtained. : Sunday, April 16, 2006 9:37:43 AM
Lease Expires : Monday, April 24, 2006 9:37:43 AM

*Ipconfig /all from the server:
Windows IP Configuration

Host Name : MERLIN
Primary Dns Suffix : Pacific-Software.local
Node Type : Unknown
IP Routing Enabled. : Yes
WINS Proxy Enabled. : Yes
DNS Suffix Search List. : Pacific-Software.local

Ethernet adapter Local Area Connection 2:

Connection-specific DNS Suffix . :
Description : VIA VT6105 Rhine III Compatible Fast
Ethernet Adapter
Physical Address. : 00-13-46-8E-44-F6
DHCP Enabled. : No
IP Address. : 192.168.16.2
Subnet Mask : 255.255.255.0
Default Gateway :
DNS Servers : 192.168.0.2
205.171.3.65

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . :
Description : SiS 900-Based PCI Fast Ethernet Adapter
Physical Address. : 00-40-CA-53-55-8D
DHCP Enabled. : No
IP Address. : 192.168.0.2

Re: Network configuration problem

Subnet Mask : 255.255.255.0
Default Gateway : 192.168.0.1
DNS Servers : 205.171.3.65
205.171.2.65
NetBIOS over Tcpi : Disabled

—
D. Milton

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