

Re: Can't Ping R2 server in same subnet, but can ping outside subnet.!!

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Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.security/2006-08/msg00281.html>

- *From:* "hboogz via WinServerKB.com" <u21743@uwe>
 - *Date:* Mon, 31 Jul 2006 01:05:40 GMT
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Steven ---

Thanks, but its really a windows security issue – atleast from more testing.

The reason i was receiving errors were , assumably, because incoming traffic on this DC was being blocked by ICF.

UPDATE* --- i've enabled to the windows firewall just to see what can be done with regard to icmp.

i've used the netsh command to add a custom port that DAMEWARE remote uses.

```
netsh firewall add portopening TCP 6129 dameware.
```

once i added that, i was able to dameware into the box (which i wasn't able to do previously)

i then adjust the ICMP setting to allow ALL icmp.

```
netsh firewall set icmpsetting ALL enable
```

and allowed incoming

```
netsh firewall set icmpsetting 8 enable
```

```
C:\>netsh firewall show icmpsetting
```

ICMP configuration for Standard profile:
Mode Type Description

```
Enable 2 Allow outbound packet too big
Enable 3 Allow outbound destination unreachable
Enable 4 Allow outbound source quench
Enable 5 Allow redirect
Enable 8 Allow inbound echo request
Enable 9 Allow inbound router request
Enable 11 Allow outbound time exceeded
Enable 12 Allow outbound parameter problem
```

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Re: Can't Ping R2 server in same subnet, but can ping outside subnet.!!

Enable 13 Allow inbound timestamp request
Enable 17 Allow inbound mask request

ICMP configuration for Local Area Connection 7:
Mode Type Description

Enable 3 Allow outbound destination unreachable
Enable 4 Allow outbound source quench
Enable 5 Allow redirect
Enable 8 Allow inbound echo request
Enable 9 Allow inbound router request
Enable 11 Allow outbound time exceeded
Enable 12 Allow outbound parameter problem
Enable 13 Allow inbound timestamp request
Enable 17 Allow inbound mask request

then – i disabled netsh opmode and enable's the exceptions on all the interfaces. I disabled the ICF service in the services console and restarted the machine. this is the output of the opmode syntax.

C:\>netsh firewall show opmode

Domain profile configuration:

Operational mode = Disable
Exception mode = Enable

Standard profile configuration:

Operational mode = Disable
Exception mode = Enable

Local Area Connection 7 firewall configuration:

Operational mode = Disable

Local Area Connection 8 firewall configuration:

Operational mode = Disable

This is my config: Looks like i might want to disable the ICF using the domain profile in gpo, since it looks enabled ?

C:\>netsh firewall show config

Domain profile configuration:

Operational mode = Disable
Exception mode = Enable
Multicast/broadcast response mode = Enable
Notification mode = Enable

Re: Can't Ping R2 server in same subnet, but can ping outside subnet.!!

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Service configuration for Domain profile:
Mode Customized Name

Enable No File and Printer Sharing

Port configuration for Domain profile:
Port Protocol Mode Name

139 TCP Enable NetBIOS Session Service
445 TCP Enable SMB over TCP
137 UDP Enable NetBIOS Name Service
138 UDP Enable NetBIOS Datagram Service

Standard profile configuration:

Operational mode = Disable
Exception mode = Enable
Multicast/broadcast response mode = Enable
Notification mode = Enable

Service configuration for Standard profile:
Mode Customized Name

Enable No File and Printer Sharing

Port configuration for Standard profile:
Port Protocol Mode Name

6129 TCP Enable dameware
139 TCP Enable NetBIOS Session Service
445 TCP Enable SMB over TCP
137 UDP Enable NetBIOS Name Service
138 UDP Enable NetBIOS Datagram Service

ICMP configuration for Standard profile:
Mode Type Description

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Log configuration:

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File location = C:\WINNT\pfirewall.log
Max file size = 4096 KB
Dropped packets = Enable
Connections = Disable

Local Area Connection 7 firewall configuration:

Operational mode = Disable

Port configuration for Local Area Connection 7:
Port Protocol Mode Name

3389 TCP Enable Remote Desktop

ICMP configuration for Local Area Connection 7:
Mode Type Description

Enable 3 Allow outbound destination unreachable
Enable 4 Allow outbound source quench
Enable 5 Allow redirect
Enable 8 Allow inbound echo request
Enable 9 Allow inbound router request
Enable 11 Allow outbound time exceeded
Enable 12 Allow outbound parameter problem
Enable 13 Allow inbound timestamp request
Enable 17 Allow inbound mask request

Local Area Connection 8 firewall configuration:

Operational mode = Disable

This is increasingly looking like a bug in the tcpip stack --

Steven L Umbach wrote:

The fact that you noticed lots of errors for services at startup leads me to believe something went wrong with the upgrade to R2 and there may not be an easy fix. You might also consider leaving just one network adapter in the server. In general you want to avoid having a multihomed domain controller. If you have not done so yet run the latest support tools netdiag and dcdiag on that domain controller to see what problems, if any, are reported. Verify that the tcp/ip configuration is correct [which should be static] including DNS, subnet, and default gateway and compare to functioning domain controller with the command ipconfig /all. You may also want to cross post in the server general and networking newsgroups as your problem is not really security related and you are more likely to get helpful responses in the appropriate newsgroups.

Steve

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Morning to all –

[quoted text clipped – 43 lines]

The bad part it may not be blocking just ICMP.

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I do what i got to do in order to do what i want to do...

Message posted via WinServerKB.com

<http://www.winserverkb.com/Uwe/Forums.aspx/windows-security/200607/1>

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