

# Re: DHCP Problem

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*Source:*

<http://www.tech-archive.net/Archive/BackOffice/microsoft.public.backoffice.smallbiz/2007-11/msg00020.html>

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- *From:* Mrc <[Mrc@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Mrc@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sat, 24 Nov 2007 08:33:01 -0800
- 

The event logs on the server are mostly clean. I get this once in a while (always after running the Romote access wizard)

Unable to contact a DHCP server. The Automatic Private IP Address 169.254.9.0 will be assigned to dial-in clients. Clients may be unable to access resources on the network.

Once in a while I get this but its rare.  
DCOM was unable to communicate with the computer COUNTER5 using any of the configured protocols.

The client computer's logs are a mess due to not being able to renew ip address. It starting to cause a lot of problems and I'm will need to start assigning static addressses soon if I can't get this fixed.

Should the ISA server be rejecting requests from an ip address on the subnet or 0.0.0.0 to 255.255.255.255 on port 67 (DHCP request) ??

"Merv Porter [SBS-MVP]" wrote:

Anything in the Event Logs?

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Merv Porter [SBS-MVP]

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"Mrc" <[Mrc@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:Mrc@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message  
[news:AE375D74-10B5-413F-8A48-4C9DA3FFC5DE@xxxxxxxxxxxxxxxxxxxxx](mailto:news:AE375D74-10B5-413F-8A48-4C9DA3FFC5DE@xxxxxxxxxxxxxxxxxxxxx)

Been there done that. I don't think this applies because our systems has been operating for over a month without any service packs being applied. We did

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install WSUS 3.0 and Sharepoint Services 3.0 during this time period but the system worked fine after the installs.

"Merv Porter [SBS-MVP]" wrote:

Something to check...

SBS SP1 + ISA 2004 = No DHCP

<http://msmvps.com/blogs/cgross/archive/2005/06/22/54567.aspx>

ISA Management console | expand <servername> |  
Configuration | Network.

Select the Internal network, and edit it to include .255

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Merv Porter [SBS-MVP]

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"Mrc" <Mrc@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in  
message

<news:5A109C99-9C30-4E05-A34B-666541229222@xxxxxxxxxxxxxxxxxxxx>

Yes, several times.

11/16/07 I restarted the system. We had installed Blackberry Enterprise Server the week before. After the server started 11/16/07 all of the client computers were directed to the Blackberry MDS site on the server. This is when I ran CEICW. The log for the CEICW was dated 11/16/07 at 2:09 pm and the Denied Connections started showing up in the ISA logs seconds later. I have no idea if this is related to BES or was triggered by running CEICW. Also I have reran CEICW several times. Updated the NIC drivers. Set EnableRSS to 0, DisableTaskOffload to 1 per the article

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about Common networking issues  
after  
applying windows server 2003 sp2 on SBS  
in The Official SBS Blog.

The ISA logs are blocking all DHCP request  
and Replies from 0.0.0.0 or  
255.255.255.255. Sometimes it allows a  
connection from 172.31.255.XXX  
to  
the  
server 172.31.255.20. This puzzles me  
because before 11/16/2007 the log  
had  
very few entries from or to 0.0.0.0. or  
255.255.255.255 relating to  
DHCP.

I had to uninstall ISA a few months ago after  
doing a Swing Migration  
due  
to  
the network behaving flakey and things were  
fine. I ignored the advise  
from  
the Swing Migration guy and reloaded it. It  
has been working fine for  
the  
last month or so but I'm thinking I made a  
mistake and should do away  
with  
the ISA server altogether?

"Kevin Weilbacher" wrote:

You say the system was  
running fine until a few days  
ago. What  
happened  
or  
changed?

Have you tried rerunning  
CEICW?

--

Kevin Weilbacher [SBS  
MVP]

"The days pass by so

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quickly now, the nights are  
seldom long"

\*

"Mrc"

<Mrc@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

news:73C2D5C1-154C-46A8-93EF-FFC81F2DE65A@xxxxxxxxxxxxxxxxxxxx

SBS 2003  
R2, ISA  
2004  
Dhcp server  
will not  
assign an IP  
address to a  
new  
workstation  
or to  
a  
workstation  
after an  
ipconfig  
/release has  
been ran.

DHCP logs  
show that  
some clients  
are  
renewing.  
The  
workstations  
that  
cannot  
renew still  
function  
after  
assigning a  
static ip  
address.

The system  
had been  
running fine  
until a few  
days ago.

This is what  
is showing  
up on the

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ISA logs.

Denied  
Connection  
DELLSRV  
11/23/2007  
3:19:03 PM  
Log type:  
Firewall  
service  
Status: The  
policy rules  
do not  
allow the  
user  
request.  
Rule:  
Source:  
Internal (  
172.31.255.72:68)  
or  
(  
0.0.0.0:68)  
Destination:  
Local Host (  
255.255.255.255:67)  
Protocol:  
DHCP  
(request)

Windows IP  
Configuration

Host Name  
.....  
..:  
DELLSRV  
Primary  
Dns Suffix .  
.....:  
thompsonshonda.com  
Node Type .  
.....  
.: Unknown  
IP Routing  
Enabled. . .  
.....: No  
WINS  
Proxy

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Enabled. . .  
.....: Yes  
DNS Suffix  
Search List.  
.....:  
thompsonshonda.com

Ethernet  
adapter  
Server  
Local Area  
Connection:

Connection-specific  
DNS Suffix  
..:  
Description  
.....  
..:  
Broadcom  
BCM5708C  
NetXtreme  
II  
GigE  
(NDIS  
VBD  
Client)  
Physical  
Address. . .  
.....:  
00-19-B9-D1-6E-4D  
DHCP  
Enabled. . .  
.....:  
No  
IP Address.  
.....  
..:  
172.31.255.20  
Subnet  
Mask . . . . .  
.....:  
255.255.255.0  
Default  
Gateway . .  
.....:  
DNS  
Servers . . . . .  
.....:  
172.31.255.20  
Primary

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WINS  
Server . . . .  
. . . . :  
172.31.255.20

Ethernet  
adapter  
Network  
Connection  
2:

Connection-specific  
DNS Suffix

. :  
Description

. . . . .  
. : Intel(R)  
PRO/1000  
PT Dual  
Port  
Server  
Ada  
pter #2  
Physical  
Address. . .  
. . . . . :  
00-15-17-37-1D-6A

DHCP  
Enabled. . .  
. . . . . :

No  
IP Address.  
. . . . .

. :  
63.134.160.6

Subnet  
Mask . . . . .  
. . . . . :

255.255.255.252

Default  
Gateway . .

. . . . . :  
63.134.160.5

DNS  
Servers . . . . .  
. . . . . :

172.31.255.20

Primary  
WINS  
Server . . . . .  
. . . . . :

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172.31.255.20

NetBIOS

over Tcipip.

.....:

Disabled

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