

Re: DHCP Problem

Source:

<http://www.tech-archive.net/Archive/BackOffice/microsoft.public.backoffice.smallbiz/2007-11/msg00018.html>

- *From:* "Merv Porter [SBS-MVP]" <mwport@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 24 Nov 2007 10:47:12 -0500
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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@xxxxxxxxxxxxxxxxxxxxxx> wrote in message
news:5A109C99-9C30-4E05-A34B-666541229222@xxxxxxxxxxxxxxxxxx

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 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

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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 quickly now, the nights are seldom long"

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"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 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)

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Windows IP Configuration

Host Name : DELLSRV
Primary Dns Suffix : thompsonshonda.com
Node Type : Unknown
IP Routing Enabled. : No
WINS Proxy 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 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 : 172.31.255.20
NetBIOS over Tcpi. : Disabled

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