

Re: CEICW Fails at Firewall

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-06/msg03240.html>

- *From:* fieldy <fieldy@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sat, 11 Jun 2005 09:05:02 -0700
-

Hi Marina/Jenny

As requested, i configured my server/Router to the specifications below, and this still did not work.

I am seriously thinking about a rebuild now, because all services were working before the SP1's for Server2003 and SBS2003 and there must be some major compatability issues between my ISP and SBS2003 SP1 settings.

The config is now back to:

External NIC-DHCP served address from Router, and internal NIC with Static ISP address. All works well, but when running CEiCW again, fails at firewall ???

I have made the changes as you had told me to do, but this did not give me any connection at all, so i have had no choice but to change it back to my 'semi-working' settings. At least my static desktop clients have Exchange mail and Internet.

Would you suggest anything else before i pull the plug and re-install, which is something i really do not want to do?

Many thanks again,

Fieldy the very frustrated and dis-illusioned :)

"Marina Roos [SBS-MVP]" wrote:

- > Hi Paul,
- >
- > Right, you can't connect both nics to the same device.
- >
- > The internal nic should connect to a hub/switch where the clients are connecting to too.
- >
- > The external nic should connect to the device that is taking care of the internet connection.

Re: CEICW Fails at Firewall

>
> Take a look at this diagram:
>
> Two Nics, a static IP address, ISA, router:
> <http://www.smallbizserver.net/Default.aspx?tabid=154>
>
> You need to do some arranging with the devices.
>
> --
> Regards,
>
> Marina Roos
> Microsoft SBS-MVP
> One of the Magical M&M's
> www.smallbizserver.net
> Take part in SBS forum:
> <http://www.smallbizserver.net/Default.aspx?tabid=53>
>
> "fiely" <fiely@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> schreef in bericht
> news:73EF795C-2D03-49C7-A91E-384C003092AC@xxxxxxxxxxxxxxxxxxxx
>> Hi Marina,
>>
>> The 172.16.0.1 device is the OfficePortal router that is a DHCP server,
>> firewall and four port hub. I have the 2 nics connected through this
> device
>> with one configured (external) with the static IP settings(69.177.17.157)
>> that i had received from our ISP. The other has been configured with a
> DHCP
>> served address from the router.
>>
>> This device operates as our router and dhcp server.
>>
>> The config is:DSL modem router connected to the SBS2003 server nics,
> another
>> port on the router serves another couple of switches for our desktops but
>> they all receive addresses from the DHCP server on the router (172.16.1.X
>> addresses)
>>
>> The external nic is actually configured with a GW of 69.177.17.158 but
> when
>> running CEICW Broadband wizard. i input the PPPoE settings from my ISP
> which
>> strips the gateway address from the nic when finished, so does not show
> on
>> show on ipconfig /all? (the diagram on this PPPoE wizard page pretty much
>> shows our network topology)
>>
>> If you would like, i can give you access to the server and could e-mail
> you
>> some account details for antering our network, as this is really stumping
> me

Re: CEICW Fails at Firewall

>> why this is happening.
>>
>> Thanks again Marina,
>>
>> Fieldy
>>
>>
>>
>>
>>
>> "Marina Roos [SBS-MVP]" wrote:
>>
>>> Hi Paul,
>>>
>>> Please explain the device 172.16.0.1 that is the gateway and apparently
>> dhcp
>>> server. Please draw us you network config. What exactly is connected to
>> your
>>> internal nic with the gw 172.16.0.1? What is connected to your external
>> nic
>>> with no gateway?
>>>
>>> Things are switched around here. Normally the internal nic doesn't have
>> a
>>> gateway, only the external nic.
>>>
>>> ---
>>> Regards,
>>>
>>> Marina Roos
>>> Microsoft SBS-MVP
>>> One of the Magical M&M's
>>> www.smallbizserver.net
>>> Take part in SBS forum:
>>> <http://www.smallbizserver.net/Default.aspx?tabid=53>
>>>
>>> "fieldy" <fieldy@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> schreef in bericht
>>> news:75A97E3B-1079-4083-855D-CF57833B43C8@xxxxxxxxxxxxxxxxxxxx
>>>> Hi Again,
>>>>
>>>> As requested i am posting the IPconfig /all for the configuration that
>>> you
>>>> had asked for me to set the server on. but this made no difference at
>>> all.
>>>> I
>>>> had re-run the CEICW wizard again, but to no avail. but when i changed
>>> it
>>>> back to my original config, i had internet, Exchange mail again.
>>>>
>>>> I am starting to get very confused, as your configuration does not
>>> work,

Re: CEICW Fails at Firewall

>>> and
>>>> you tell me this is how it should be, and my config, the one that is
> wrong
>>>> does work ???
>>>>
>>>> I have posted the configs again under old (your config) and new (my
> config
>>>> that is working, but without the Intranet, OWA etc)
>>>>
>>>> So sorry for this pain in the neck, but this is absolutly killing me
> now
>>>> :(
>>>>
>>>> Thanks so much again, and i will await your reply,
>>>>
>>>> Fieldy
>>>>
>>>> IPCONFIG /ALL OLD
>>>> Windows IP Configuration
>>>>
>>>> Host Name : fhmserver1
>>>> Primary Dns Suffix : FellowshipHouseMinistries.local
>>>> Node Type : Unknown
>>>> IP Routing Enabled. : Yes
>>>> WINS Proxy Enabled. : Yes
>>>> DNS Suffix Search List. : FellowshipHouseMinistries.local
>>>>
>>>> Ethernet adapter Internal Local Area Connection:
>>>>
>>>> Connection-specific DNS Suffix . :
>>>> Description : HP NC3123 Fast Ethernet NIC
>>>> Physical Address. : 00-02-A5-41-95-0D
>>>> DHCP Enabled. : No
>>>> IP Address. : 172.16.1.37
>>>> Subnet Mask : 255.255.255.0
>>>> Default Gateway :
>>>> DNS Servers : 172.16.1.37
>>>> Primary WINS Server : 172.16.1.37
>>>>
>>>> Ethernet adapter External Adapter:
>>>>
>>>> Connection-specific DNS Suffix . :
>>>> Description : SMC EZ Card 10/100 Fast
> Ethernet
>>>> PCI
>>>>> Net
>>>>> ork Adapter #2
>>>>> Physical Address. : 00-04-E2-20-19-F7
>>>>> DHCP Enabled. : No
>>>>> IP Address. : 69.177.17.157
>>>>> Subnet Mask : 255.255.255.248

Re: CEICW Fails at Firewall

```
>>>> Default Gateway . . . . . : 69.177.17.158
>>>> DNS Servers . . . . . : 172.16.1.37
>>>> Primary WINS Server . . . . . : 172.16.1.37
>>>>
>>>> IPCONFIG /ALL New
>>>> Windows IP Configuration
>>>>
>>>> Host Name . . . . . : fhmserver1
>>>> Primary Dns Suffix . . . . . : FellowshipHouseMinistries.local
>>>> Node Type . . . . . : Unknown
>>>> IP Routing Enabled. . . . . : Yes
>>>> WINS Proxy Enabled. . . . . : Yes
>>>> DNS Suffix Search List. . . . . : FellowshipHouseMinistries.local
>>>> gateway.2wire.net
>>>>
>>>> Ethernet adapter Internal Local Area Connection:
>>>>
>>>> Connection-specific DNS Suffix . : gateway.2wire.net
>>>> Description . . . . . : HP NC3123 Fast Ethernet NIC
>>>> Physical Address. . . . . : 00-02-A5-41-95-0D
>>>> DHCP Enabled. . . . . : Yes
>>>> Autoconfiguration Enabled . . . . : No
>>>> IP Address. . . . . : 172.16.1.37
>>>> Subnet Mask . . . . . : 255.255.0.0
>>>> Default Gateway . . . . . : 172.16.0.1
>>>> DHCP Server . . . . . : 172.16.0.1
>>>> DNS Servers . . . . . : 69.177.17.157
>>>> Primary WINS Server . . . . . : 172.16.1.37
>>>> Lease Obtained. . . . . : Friday, June 10, 2005 3:01:48
> PM
>>>> Lease Expires . . . . . : Friday, June 10, 2005 4:01:48
> PM
>>>>
>>>> Ethernet adapter External Adapter:
>>>>
>>>> Connection-specific DNS Suffix . :
>>>> Description . . . . . : SMC EZ Card 10/100 Fast
> Ethernet
>>>> PCI
>>>> Net
>>>> ork Adapter #2
>>>> Physical Address. . . . . : 00-04-E2-20-19-F7
>>>> DHCP Enabled. . . . . : No
>>>> IP Address. . . . . : 69.177.17.157
>>>> Subnet Mask . . . . . : 255.255.255.248
>>>> Default Gateway . . . . . :
>>>> DNS Servers . . . . . : 69.177.17.157
>>>> Primary WINS Server . . . . . : 172.16.1.37
>>>> NetBIOS over Tcpip. . . . . : Disabled
>>>>
>>>> "Marina Roos [SBS-MVP]" wrote:
```

Re: CEICW Fails at Firewall

>>>>
>>>>> Hi Paul,
>>>>>
>>>>> Did you rerun CEICW? Can you please post the complete output of the
>>> ip.txt
>>>>> here? From the commandline:
>>>>> ipconfig/all>ip.txt
>>>>>
>>>>> --
>>>>> Regards,
>>>>>
>>>>> Marina Roos
>>>>> Microsoft SBS-MVP
>>>>> One of the Magical M&M's
>>>>> www.smallbizserver.net
>>>>> Take part in SBS forum:
>>>>> <http://www.smallbizserver.net/Default.aspx?tabid=53>
>>>>>
>>>>> "fielder" <fielder@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> schreef in bericht
>>>>> news:FFD118E6-1B73-465B-AF7A-4B428279CA1E@xxxxxxxxxxxxxxxxxxxx
>>>>>> Hi Marina/Jenny
>>>>>>
>>>>>>> Many thanks for the update, but this still does not work. Before i
>>> changed
>>>>>>> to the configuration that you had asked me to implement, i had
>>> Internet &
>>>>>>> Exchange e-mail, but no INtrnet, RWW, OWA etc.
>>>>>>>
>>>>>>> The configuration now is as follows:
>>>>>>> External nic
>>>>>>> IP Address.69.177.17.157
>>>>>>> Subnet Mask.255.255.255.248
>>>>>>> Default gateway.69.177.17.158
>>>>>>> DNS.172.16.1.37
>>>>>>> Wins.172.16.1.37
>>>>>>>
>>>>>>> The External Nic is a Static IP we get from our ISP (SBC Global)
>>>>>>>
>>>>>>> The Internal nic is a static IP i have given it from the DHCP
> server
>>> range
>>>>>>> given from router
>>>>>>>
>>>>>>> Internal nic
>>>>>>> IP address.172.16.1.37
>>>>>>> S/Mask.255.255.255.0
>>>>>>> Default gateway.None
>>>>>>> DNS/Wins 172.16.1.37
>>>>>>>
>>>>>>> This no does not let me access the Internet at all! I have checked
>>> with

Re: CEICW Fails at Firewall

>>>>> the
>>>>> ISP that my IP Address, SM and Gateway is correct.
>>>>>
>>>>> Please can you re-advise?
>>>>>
>>>>> Many thanks for your help,
>>>>>
>>>>> Paul
>>>>>
>>>>> "Marina Roos [SBS-MVP]" wrote:
>>>>>
>>>>>> Hi Fieldy,
>>>>>>
>>>>>> You are making a big mess of this. The server's internal nic
> should
>>> be
>>>>>> static not dynamic.
>>>>>>
>>>>>> IP: 172.16.1.37
>>>>>> Subnet: 255.255.255.0
>>>>>> GW: blank
>>>>>> DNS: 172.168.1.37
>>>>>> WINS: 172.168.1.37
>>>>>>
>>>>>> External nic:
>>>>>> If you have a dynamic IP, you should rather be using a router
>>> between
>>>>> the
>>>>>> external nic and your modem. If static, ask your ISP for the IP,
>>>>> subnetmask
>>>>>> and gateway that you should be using.
>>>>>> DNS should however point to 172.168.1.37
>>>>>>
>>>>>>
>>>>>> --
>>>>>> Regards,

• *Follow-Ups:*

- ◆ **Re: CEICW Fails at Firewall**
 ◇ From: "Jenny wu"
- ◆ **Re: CEICW Fails at Firewall**
 ◇ From: Marina Roos [SBS-MVP]

• *References:*

- ◆ **CEICW Fails at Firewall**
 ◇ From: fieldy
- ◆ **RE: CEICW Fails at Firewall**
 ◇ From: "Jenny wu"

- ◆ **RE: CEICW Fails at Firewall**
 - ◇ From: fieldy
- ◆ **RE: CEICW Fails at Firewall**
 - ◇ From: "Jenny wu"
- ◆ **RE: CEICW Fails at Firewall**
 - ◇ From: fieldy
- ◆ **RE: CEICW Fails at Firewall**
 - ◇ From: "Jenny wu"
- ◆ **RE: CEICW Fails at Firewall**
 - ◇ From: fieldy
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: Susan Bradley, CPA aka Ebitz – SBS Rocks [MVP]
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: "Jenny wu"
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: Marina Roos [SBS–MVP]
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: fieldy
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: Marina Roos [SBS–MVP]
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: fieldy
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: Marina Roos [SBS–MVP]
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: fieldy
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: Marina Roos [SBS–MVP]
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: fieldy
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: Marina Roos [SBS–MVP]
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: fieldy
- ◆ **Re: CEICW Fails at Firewall**
 - ◇ From: Marina Roos [SBS–MVP]

- Prev by Date: **Re: app event log 202**
- Next by Date: **Re: WSUS RTM breaks SBS 2003 SP1 reporting**
- Previous by thread: **Re: CEICW Fails at Firewall**
- Next by thread: **Re: CEICW Fails at Firewall**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**