

Re: Lan setup 2 nic

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-06/msg08342.html>

- *From:* "Marina Roos [SBS-MVP]" <marina@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Thu, 30 Jun 2005 05:09:55 +0200
-

As you did a fresh install, you will need to rejoin the clients. It doesn't matter that the servername and domain name is the same, the SID has changed.

The picture did show up perfectly in OE for me.

And no, it doesn't work that way, that protocols automatically get checked. The external nic should NOT have the Client for MS Networks checked. If it is checked, uncheck it.

--

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>

"RD Wirr" <RDWirr@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> schreef in bericht
news:F800B864-D6D0-447B-914A-08CDB5071FD6@xxxxxxxxxxxxxxxxxxxx

> Hi Marina,

>

> Yesterday after my last posting, this server went on a seemingly permanent
> holiday. It started with blue screen stop errors and would not start up
again

> in normal mode after many tries. I was finally able to get it to start in
> safe mode with network connections. So I off loaded everything and did a
> clean install of SBS 2003. It works great now.

>

> It seems like I still have to create new clients for all the client
> computers. Just creating new clients and users with the same names and
> passwords doesn't seem to be enough to have proper connections to the
> domain...

>

> Regarding our earlier discussion, I could not find your attached screen
> shots. In any case, with the automatic network setup (CEICW), it checked
the

Re: Lan setup 2 nic

> binding for Client for MS networks and its related TCP/IP just under it
> automatically for the external nic. Seems to work like that so I guess I
am
> in good order. Unless you think it is a security issue or other potential
> problem.
>
> Thank you very much for staying with me for all this long discussson. I
> really appreciate it very much. We won't forget you offer services for SBS
> work as you mentioned on your website.
>
> Kind regards,
> RD
>
> "Marina Roos [SBS-MVP]" wrote:
>
>> Hi RD,
>>
>> Sorry, it still doesn't make sense to me at all. What 2 available TCP/IP
>> items???
>>
>> Attached a screenshots of my 2 nics. The left one is the external nic,
which
>> only has QOS and TCP/IP checked. Above that is the Clients for Networks
>> which is not showing now, but is unchecked.
>> The right is the internal nic, which has everything checked (except NLB)
and
>> the one that is not showing is TCP/IP (that of course is checked).
>>
>> --
>> 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>
>>
>> "RD Wirr" <RDWirr@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> schreef in bericht
>> news:946EE525-84F6-4749-8C4B-AEB266CA4DOC@xxxxxxxxxxxxxxxxxxxx
>>> Hi Marina,
>>>
>>> Thanks again for all the help you are giving me.
>>>
>>> What I was trying to explain about the bindings is that for the
external
>>> nic, the selection look just like the ones for the internal nic, In
other
>>> words, the two available TCP/IP items that can be selected are below
and
>>> indented from the selectable line items Client for Microsoft Networks

Re: Lan setup 2 nic

Re: Lan setup 2 nic

and

>>> File and Printer sharing for Microsoft Networks. When I select the TCP/IP

>>> item below either one of those items (Client for MS networks or printer

>>> sharing), both the TCP/IP and the Service, Client or printer sharing are

>> also

>>> selected automatically, just like they are for the internal nic.

TCP/IP

>>> cannot be selected exclusive of those services. There is no stand alone

>>> TCP/IP item for the external nic and when I go into the properties for the

>>> external nic and try to remove the Client for MS networks or the File and

>>> printer sharing, it says it will remove these services for all

>> connections. I

>>> have tried selecting the TCP/IP along with the Service mentioned above for

>>> the external nic but it makes no difference.

>>>

>>> In the DHCP Scope Options, 015 does point to our local domain name. I

>> don't

>>> know what

>>>

>>> The clients have the same services enabled.

>>>

>>> Also I should mention, When i try to "repair this connection" on

either

>> the

>>> internal or external connections, I get an immediate error " Failed:

>> Flushing

>>> ARP Cache". I tried clearing the ARP with netsh but also no change. I

did

>> run

>>> the CEICW (several times) but it failed on the network setup. I also

>>> uninstalled the IIS services and reinstalled them (after applying a

patch

>>> from MS and finally got the "remote web workplace" to show up in the

CEICW

>>> Web Services screen.

>>>

>>> Below is the error log from the icwlog.txt file:

>>> 6/28/2005 2:34 PM

>>> Error 0x80072581 returned from call to Deleting the DNS record for the

>>> external NIC().

>>> Error 0x80072581 returned from call to CNetCommit::DoRouter().

>>> Error 0x80072581 returned from call to Configuring for router

>> connection().

>>> Error 0x80072581 returned from call to CNetCommit::Common().

Re: Lan setup 2 nic

Re: Lan setup 2 nic

>>> Error 0x80072581 returned from call to CNetCommit::Commit().
>>> Error 0x80072030 returned from call to GetBOConnector().
>>>
>>> Thanks again Marina,
>>> RD
>>>
>>>
>>> "Marina Roos [SBS-MVP]" wrote:
>>>
>>>> Hi RD,
>>>>
>>>> The internal nic has Client for MS Networks, File and Printersharing
and
>>>> TCP/IP enabled and QOS if available.
>>>> The external nic only has TCP/IP enabled. I really have no clue what
you
>>>> mean with the higher level service. You simply uncheck the other
>> services.
>>>>
>>>> Ipconfig of the server is looking good, but the client is still
missing
>> the
>>>> dns suffix. In DHCP, Scope Options, 015 should point to your local
AD
>> domain
>>>> name.
>>>> On the clients the same services should be enabled as on the
internal
>> nic of
>>>> the server.
>>>>
>>>> you did rerun CEICW, right? Can you look at the icwlog.txt file in
>> \program
>>>> files\microsoft small business server\support, drill down to the
end,
>> the
>>>> post the lines with 'Error' in it here.
>>>>
>>>> --
>>>> 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>
>>>>
>>>> "RD Wirr" <RDWirr@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> schreef in bericht
>>>> news:3F4419BF-6E04-4280-BB35-9139B0FB1A0B@xxxxxxxxxxxxxxxxxxxxx
>>>>> Hi Marina,

Re: Lan setup 2 nic

Re: Lan setup 2 nic

>>>> I have taken Frank McCallister's advice and added a router to our
>> external
>>>> connection so we have a 2 nic with router setup now. Also this
allows
>> us
>>>> to
>>>> failover to a direct connection to the internet to a particular
>>>> workstation
>>>> (swapping cables) in case of server problems (the server has been
>>>> problematic). In any case, I have set this system up according to
the
>> 2
>>>> nic
>>>> router setup indicated on your website. We have connection to the
>> internet
>>>> and the workstations can see the server however the server still
>> cannot
>>>> see
>>>> the workstations. Moreover, the ICW fails for the network setup
when I
>> run
>>>> it
>>>> (repeatedly) and also there are no web services to configure in
that
>>>> screen
>>>> of the ICW. No remote web workplace, outlook web access, etc. I
have
>> tried
>>>> setting up both with the UPNP enabled and disabled on the router
but
>>>> always
>>>> failing.
>>>>
>>>> In this new setup we have the DHCP range is excluding
192.168.16.1-9
>>>> (automatically added by the server). I have checked the TCP/IP
binding
>> for
>>>> the external nic and there are two choices (like the internal nic)
>> both
>>>> are
>>>> subordinate to the service (client for MS networks or file
sharing),
>> it is
>>>> not possible to select only the TCP/IP. The higher level service
>>>> automatically is selected.
>>>>
>>>> What to do? I have pasted a new version of the IPconfigs from
server
>> and
>>>> workstation here FYI.

Re: Lan setup 2 nic

```
>>>>>
>>>>> SBS 2003 Server IP Configuration
>>>>>
>>>>> Host Name . . . . . : romanholiday
>>>>> Primary Dns Suffix . . . . . : romanfun.local
>>>>> Node Type . . . . . : Unknown
>>>>> IP Routing Enabled. . . . . : Yes
>>>>> WINS Proxy Enabled. . . . . : Yes
>>>>> DNS Suffix Search List. . . . . : romanfun.local
>>>>>
>>>>> Ethernet adapter Server Local Area Connection:
>>>>>
>>>>> Connection-specific DNS Suffix . :
>>>>> Description . . . . . : Linksys LNE100TX Fast
Ethernet
>>>>> Adapter(LN
>>>>> E100TX v4)
>>>>> Physical Address. . . . . : 00-0C-41-F1-46-6A
>>>>> DHCP Enabled. . . . . : No
>>>>> IP Address. . . . . : 192.168.16.2
>>>>> Subnet Mask . . . . . : 255.255.255.0
>>>>> Default Gateway . . . . . :
>>>>> DNS Servers . . . . . : 192.168.16.2
>>>>> Primary WINS Server . . . . . : 192.168.16.2
>>>>>
>>>>> Ethernet adapter WAN Connection:
>>>>>
>>>>> Connection-specific DNS Suffix . :
>>>>> Description . . . . . : Intel(R) PRO/1000 MT
Network
>>>>> Connection
>>>>> Physical Address. . . . . : 00-0C-F1-CA-6A-8D
>>>>> DHCP Enabled. . . . . : No
>>>>> IP Address. . . . . : 192.168.1.10
>>>>> Subnet Mask . . . . . : 255.255.255.0
>>>>> Default Gateway . . . . . : 192.168.1.1
>>>>> DNS Servers . . . . . : 192.168.16.2
>>>>> NetBIOS over Tcip. . . . . : Disabled
>>>>>
>>>>>
>>>>>
>>>>> Workstation IP Configuration
>>>>>
>>>>> Host Name . . . . . : rosy
>>>>> Primary Dns Suffix . . . . . :
>>>>> Node Type . . . . . : Hybrid
>>>>> IP Routing Enabled. . . . . : No
>>>>> WINS Proxy Enabled. . . . . : No
>>>>> DNS Suffix Search List. . . . . : romanfun.local
>>>>>
>>>>> Ethernet adapter Local Area Connection:
```

Re: Lan setup 2 nic

```
>>>>>
>>>>> Connection-specific DNS Suffix . : romanfun.local
>>>>> Description . . . . . : CNet PRO200WL PCI Fast
>>>>> Ethernet
>>>>> Adapter
>>>>> Physical Address. . . . . : 00-08-A1-0A-5F-86
>>>>> Dhcp Enabled. . . . . : Yes
>>>>> Autoconfiguration Enabled . . . . : Yes
>>>>> IP Address. . . . . : 192.168.16.11
>>>>> Subnet Mask . . . . . : 255.255.255.0
>>>>> Default Gateway . . . . . : 192.168.16.2
>>>>> DHCP Server . . . . . : 192.168.16.2
>>>>> DNS Servers . . . . . : 192.168.16.2
>>>>> Primary WINS Server . . . . . : 192.168.16.2
>>>>> Lease Obtained. . . . . : Tuesday, June 28, 2005
>> 9:53:38
>>>>> AM
>>>>> Lease Expires . . . . . : Wednesday, July 06,
2005
>>>>> 9:53:38
>>>>> AM
>>>>>
>>>>> Thanks for sticking with this...
>>>>> Regards,
>>>>> RD
>>>>>
>>>>> "Marina Roos [SBS-MVP]" wrote:
>>>>>
>>>>>> Hi RD,
>>>>>>
>>>>>> You should be able to only check TCP/IP on the external nic. It
>> doesn't
>>>>>> need
>>>>>> that Client for Networks checked.
>>>>>>
>>>>>> Delete the WINS on the external nic and disable NetBIOS over
TCP/IP.
>>>>>>
>>>>>> I don't think your DHCP is setup right. Default you should have
the
>>>>>> first 10
>>>>>> IP's excluded from the scope, but your client is getting a
>> 192.168.0.2
>>>>>> and
>>>>>> it is not getting DNS suffix information. Check the Scope
Options.
>>>>>> Run the Change IP wizard to change the internal nic IP, which
will
>>>>>> automagically also change WINS, DNS and DHCP.
>>>>>>
>>>>>> —
```

Re: Lan setup 2 nic

Re: Lan setup 2 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>
>>>>>
>>>>> "RD Wirr" <RDWirr@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> schreef in bericht
>>>>> <news:1000BCC8-3A41-48D5-83CC-4D97A7D0E64A@xxxxxxxxxxxxxxxxxxxxx>
>>>>>> Hi Marina
>>>>>>
>>>>>> I am pasting the IP config info below some of the names and ip
>> info
>>>> have
>>>>>> been changed to protect the connection... I have looked at
your
>>>> website as
>>>>>> Frank McCallister suggested and followed your instructions on
the
>> 2
>>>> nic no
>>>>>> router config setup but I still can't get it to work. Now when
I
>> go to
>>>> the
>>>>>> internet connection wizard, it proceeds correctly until the
web
>>>> services
>>>>>> configuration, it is not showing any web services such as
remote
>> web
>>>>>> workplace, etc. so cannot proceed past that point.
>>>>>>>
>>>>>>> I also note that in the bindings, there is no stand alone
TCP/IP
>>>> binding
>>>>>> for
>>>>>>> the external connection, only in conjunction with Client for
>> Microsoft
>>>>>>> Networks
>>>>>>>
>>>>>>> SBS 2003 Server IP Configuration
>>>>>>>
>>>>>>> Host Name : romanholiday
>>>>>>> Primary Dns Suffix : romanfun.local
>>>>>>> Node Type : Unknown
>>>>>>> IP Routing Enabled. : Yes
>>>>>>> WINS Proxy Enabled. : Yes
>>>>>>> DNS Suffix Search List. : romanfun.local

>>>>>>
>>>>>> Ethernet adapter Server Local Area Connection:
>>>>>>
>>>>>> Connection-specific DNS Suffix . :
>>>>>> Description : Linksys LNE100TX Fast

• **References:**

- ◆ **[Lan setup 2 nic](#)**
 - ◇ From: RD Wirr
 - ◆ **[Re: Lan setup 2 nic](#)**
 - ◇ From: Gregg Hill
 - ◆ **[Re: Lan setup 2 nic](#)**
 - ◇ From: RD Wirr
 - ◆ **[Re: Lan setup 2 nic](#)**
 - ◇ From: Marina Roos [SBS-MVP]
 - ◆ **[Re: Lan setup 2 nic](#)**
 - ◇ From: RD Wirr
 - ◆ **[Re: Lan setup 2 nic](#)**
 - ◇ From: Marina Roos [SBS-MVP]
 - ◆ **[Re: Lan setup 2 nic](#)**
 - ◇ From: RD Wirr
 - ◆ **[Re: Lan setup 2 nic](#)**
 - ◇ From: Marina Roos [SBS-MVP]
 - ◆ **[Re: Lan setup 2 nic](#)**
 - ◇ From: RD Wirr
 - ◆ **[Re: Lan setup 2 nic](#)**
 - ◇ From: RD Wirr
- Prev by Date: **[Re: Replacing Bad Motherboard with Same Model](#)**
 - Next by Date: **[RE: Company Web Problem](#)**
 - Previous by thread: **[Re: Lan setup 2 nic](#)**
 - Next by thread: **[Re: Lan setup 2 nic](#)**
 - Index(es):
 - ◆ **[Date](#)**
 - ◆ **[Thread](#)**