

# Re: After setting up the network

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network\\_web/2006-09/msg00272.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2006-09/msg00272.html)

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- *From:* leonperrins <[leonperrins@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:leonperrins@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Fri, 8 Sep 2006 04:23:02 -0700
- 

Chuck

I have run "cpsserv" and below are the 4-files.(Direct into Notepad & Copy of listing in Command Prompt window)

I am working on removing the firewalls.

Start CPSServ V1.10 – PERRINS1

Find Computer Browser ("browser")

Checking \\PERRINS1...  
Found browser on:

\\PERRINS1

Checking \\PERRINS2...Unable to open Service Control Manager database on  
\\PERRINS2:

Find DHCP Client ("dhcp")

Checking \\PERRINS1...  
Found dhcp on:

\\PERRINS1

Checking \\PERRINS2...Unable to open Service Control Manager database on  
\\PERRINS2:

Find TCP/IP NetBIOS Helper ("lmhosts")

Checking \\PERRINS1...  
Found lmhosts on:

\\PERRINS1

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Checking \\PERRINS2...Unable to open Service Control Manager database on  
\\PERRINS2:

Find Remote Registry ("remoteregistry")

Checking \\PERRINS1...  
Found remoteregistry on:

\\PERRINS1

Checking \\PERRINS2...Unable to open Service Control Manager database on  
\\PERRINS2:

Find Server ("server")

Checking \\PERRINS1...  
Found server on:

\\PERRINS1

Checking \\PERRINS2...Unable to open Service Control Manager database on  
\\PERRINS2:

Find WF / ICS ("sharedaccess")

Checking \\PERRINS1...  
Found sharedaccess on:

\\PERRINS1

Checking \\PERRINS2...Unable to open Service Control Manager database on  
\\PERRINS2:

Find Workstation ("workstation")

Checking \\PERRINS1...  
Found workstation on:

\\PERRINS1

Checking \\PERRINS2...Unable to open Service Control Manager database on  
\\PERRINS2:

End CPSServ V1.10 – PERRINS1

CPSServ Comprehensive Networking Services V1.10 – PERRINS1  
Find Computer Browser ("browser").

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PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – www.sysinternals.com

The RPC server is unavailable.  
Find DHCP Client ("dhcp").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – www.sysinternals.com

The RPC server is unavailable.  
Find TCP/IP NetBIOS Helper ("lmhosts").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
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The RPC server is unavailable.  
Find Remote Registry ("remoteregistry").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – www.sysinternals.com

The RPC server is unavailable.  
Find Server ("server").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – www.sysinternals.com

The RPC server is unavailable.  
Find WF / ICS ("sharedaccess").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – www.sysinternals.com

The RPC server is unavailable.  
Find Workstation ("workstation").

PsService v2.20 – Service information and configuration utility  
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The RPC server is unavailable.

Start CPSServ V1.10 – PERRINS2

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Find Computer Browser ("browser")  
Error browsing network:  
No active service named browser found.

Find DHCP Client ("dhcp")  
Error browsing network:  
No active service named dhcp found.

Find TCP/IP NetBIOS Helper ("lmhosts")  
No active service named lmhosts found.

Find Remote Registry ("remoteregistry")  
No active service named remoteregistry found.

Find Server ("server")  
No active service named server found.

Find WF / ICS ("sharedaccess")  
No active service named sharedaccess found.

Find Workstation ("workstation")  
No active service named workstation found.

End CPSServ V1.10 – PERRINS2

CPSServ Comprehensive Networking Services V1.10 – PERRINS2  
Find Computer Browser ("browser").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – [www.sysinternals.com](http://www.sysinternals.com)

The list of servers for this workgroup is not currently available  
Find DHCP Client ("dhcp").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – [www.sysinternals.com](http://www.sysinternals.com)

The list of servers for this workgroup is not currently available  
Find TCP/IP NetBIOS Helper ("lmhosts").

PsService v2.20 – Service information and configuration utility

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Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – www.sysinternals.com

Find Remote Registry ("remoteregistry").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – www.sysinternals.com

Find Server ("server").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – www.sysinternals.com

Find WF / ICS ("sharedaccess").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – www.sysinternals.com

Find Workstation ("workstation").

PsService v2.20 – Service information and configuration utility  
Copyright (C) 2001–2006 Mark Russinovich  
Sysinternals – www.sysinternals.com

Hope is shows something.

Leon

"Chuck" wrote:

On Thu, 7 Sep 2006 01:50:01 –0700, leonperrins  
<leonperrins@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

"Chuck" wrote:

On Wed, 6 Sep 2006 01:33:01 –0700, leonperrins  
<leonperrins@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

"Chuck" wrote:

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On Tue, 5 Sep 2006  
06:59:03 -0700, leonperrins  
<leonperrins@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote:

<SNIP>

OK, Leon,

With MainPC reporting  
Browsing is NOT active on  
domain.

and PERRINS2 reporting  
Master browser name is:  
PERRINS2  
Master browser is running  
build 2600  
1 backup servers retrieved  
from master PERRINS2  
\\PERRINS2  
There are 2 servers in  
domain MSHOME

We're going to have to look  
for a firewall or protocol  
problem. PERRINS2 can  
see SMBs from both  
computers. MainPC sees  
nothing.

<<http://nitecruZR.blogspot.com/2005/05/your-personal-firewall-can-either-h>  
<http://nitecruZR.blogspot.com/2005/05/your-personal-firewall-can-either-he>  
<<http://nitecruZR.blogspot.com/2006/04/netbios-over-tcpip.html>>  
<http://nitecruZR.blogspot.com/2006/04/netbios-over-tcpip.html>

Did you perchance rerun  
browstat, on both  
computers, AFTER you  
started the  
server service? If so, how  
long after? Remember there  
is latency in the  
browser operation.

<<http://nitecruZR.blogspot.com/2005/04/nt-browser-or-why-cant-i-always-s>  
<http://nitecruZR.blogspot.com/2005/04/nt-browser-or-why-cant-i-always-s>

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Chuck

I did ran browstat on an evening on MainPC and the next morning on GamingPC, I have now run them immediately after the other.

As you can see, I had to start Workstation Services for MainPC(The other one I didn't)

TCP/IP is enabled on both computers I am mystified with regard to "firewalls". Surely they need to be enabled during normal use when connected to the net so what is the point in removing them whilst setting up a network? I have tried with them (Zone alarm on both, Norton AV on Mainpc and AVG on the other) disabled but it made no difference.

Regards

leonperrins

MainPC/PERRINS1

Microsoft Windows XP [Version 5.1.2600]  
(C) Copyright 1985–2001 Microsoft Corp.

```
C:\Documents and Settings\Leon  
Perrins>browstat status  
'browstat' is not recognized as an internal or  
external command,  
operable program or batch file.
```

Chuck

I have set the following to automatic on the MainPC, they were already in that state on the GamingPC.

Tcp/IP Netbios etc.  
Windows firewall/Internet connection etc.  
Workstation  
Server  
DHCP client.

Are there anymore that I should set?

There is still no sign of the PC's on each other.

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Microsoft Windows XP [Version 5.1.2600]  
(C) Copyright 1985–2001 Microsoft Corp.

C:\Documents and Settings\Leon Perrins>ipconfig/all

Windows IP Configuration

Host Name . . . . . : PERRINS1  
Primary Dns Suffix . . . . . :  
Node Type . . . . . : Unknown  
IP Routing Enabled. . . . . : No  
WINS Proxy Enabled. . . . . : No

Ethernet adapter Local Area Connection:

Connection-specific DNS Suffix . :  
Description . . . . . : Realtek RTL8139 Family PCI Fast  
Ethe  
rnet NIC  
Physical Address. . . . . : 00-50-70-52-25-AA  
Dhcp Enabled. . . . . : No  
IP Address. . . . . : 192.168.1.50  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . : 192.168.1.1  
DNS Servers . . . . . : 192.168.1.1

C:\Documents and Settings\Leon Perrins>c:\utility\browstat status

Status for domain MSHOME on transport  
\Device\NetBT\_Tcpip\_{E2EFC0B3-F980-438D-B2  
F7-9A0E6FB5560F}  
Browsing is NOT active on domain.  
Master name cannot be determined from GetAdapterStatus.

C:\Documents and Settings\Leon Perrins>net config server

Server Name \\PERRINS1  
Server Comment MainPC

Software version Windows 2002  
Server is active on  
NetbiosSmb (000000000000)  
NetBT\_Tcpip\_{E2EFC0B3-F980-438D-B2F7-9A0E6FB5560F}  
(0050705225aa)

Server hidden No  
Maximum Logged On Users 10  
Maximum open files per session 16384

Idle session time (min) 15

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The command completed successfully.

```
C:\Documents and Settings\Leon Perrins>net config workstation
Computer name \\PERRINS1
Full Computer name PERRINS1
User name Leon Perrins

Workstation active on
NetbiosSmb (000000000000)
NetBT_Tcpip_{E2EFC0B3-F980-438D-B2F7-9A0E6FB5560F}
(0050705225AA)

Software version Windows 2002

Workstation domain MSHOME
Workstation Domain DNS Name (null)
Logon domain PERRINS1

COM Open Timeout (sec) 0
COM Send Count (byte) 16
COM Send Timeout (msec) 250
The command completed successfully.
```

```
C:\Documents and Settings\Leon Perrins>
```

```
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
```

```
C:\Documents and Settings\Leon>ipconfig/all
```

Windows IP Configuration

```
Host Name . . . . . : PERRINS2
Primary Dns Suffix . . . . . :
Node Type . . . . . : Mixed
IP Routing Enabled. . . . . : No
WINS Proxy Enabled. . . . . : No
DNS Suffix Search List. . . . . : domain_not_set.invalid
```

Ethernet adapter Local Area Connection 2:

```
Media State . . . . . : Media disconnected
Description . . . . . : NVIDIA nForce Networking
Controller
Physical Address. . . . . : 00-15-F2-AF-3C-C6
```

Ethernet adapter Local Area Connection:

```
Connection-specific DNS Suffix . : domain_not_set.invalid
```

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Description . . . . . : Marvell Yukon 88E8053 PCI-E  
Gigabit  
Ethernet Controller  
Physical Address. . . . . : 00-15-F2-AF-35-C8  
Dhcp Enabled. . . . . : Yes  
Autoconfiguration Enabled . . . . : Yes  
IP Address. . . . . : 192.168.1.64  
Subnet Mask . . . . . : 255.255.255.0  
Default Gateway . . . . . : 192.168.1.1  
DHCP Server . . . . . : 192.168.1.1  
DNS Servers . . . . . : 212.74.112.66  
212.74.112.67  
80.225.252.178  
80.225.252.186  
Lease Obtained. . . . . : 07 September 2006 09:20:28  
Lease Expires . . . . . : 08 September 2006 09:20:28

C:\Documents and Settings\Leon>c:\utility\browstat status

Status for domain MSHOME on transport  
\Device\NetBT\_Tcpip\_{1C54FAF6-4E54-41B0-A2  
C3-0989C66924EF}  
Browsing is active on domain.  
Master browser name is: PERRINS2  
Master browser is running build 2600  
1 backup servers retrieved from master PERRINS2  
\\PERRINS2  
There are 2 servers in domain MSHOME on transport  
\Device\NetBT\_Tcpip\_{1C54F  
AF6-4E54-41B0-A2C3-0989C66924EF}  
There are 1 domains in domain MSHOME on transport  
\Device\NetBT\_Tcpip\_{1C54F  
AF6-4E54-41B0-A2C3-0989C66924EF}

C:\Documents and Settings\Leon>net config server

Server Name \\PERRINS2  
Server Comment Gaming PC

Software version Windows 2002  
Server is active on  
NetbiosSmb (000000000000)  
NetBT\_Tcpip\_{1C54FAF6-4E54-41B0-A2C3-0989C66924EF}  
(0015f2af35c8)

Server hidden No  
Maximum Logged On Users 10  
Maximum open files per session 16384

Idle session time (min) 15

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The command completed successfully.

```
C:\Documents and Settings\Leon>net config workstation
Computer name \\PERRINS2
Full Computer name PERRINS2
User name Leon

Workstation active on
NetbiosSmb (000000000000)
NetBT_Tcpip_{1C54FAF6-4E54-41B0-A2C3-0989C66924EF}
(0015F2AF35C8)

Software version Windows 2002

Workstation domain MSHOME
Workstation Domain DNS Name (null)
Logon domain PERRINS2

COM Open Timeout (sec) 0
COM Send Count (byte) 16
COM Send Timeout (msec) 250
The command completed successfully.
```

Regards

Leon

Well, Leon,

From Perrins2:

```
Browsing is active on domain.
Master browser name is: PERRINS2
Master browser is running build 2600
1 backup servers retrieved from master PERRINS2
\\PERRINS2
There are 2 servers in domain MSHOME on transport
\Device\NetBT_Tcpip_{1C54F
AF6-4E54-41B0-A2C3-0989C66924EF}
```

So Perrins2 does see Perrins1.

Let's try a rigorous services check on each computer.

<<http://nitecruZR.blogspot.com/2006/04/cpserv-comprehensive-psservice-source.html>>  
<http://nitecruZR.blogspot.com/2006/04/cpserv-comprehensive-psservice-source.html>

Now, you asked a good question about firewalls. You need personal firewalls, to protect each computer from the other, when you're using the network. Until you

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get the network working, that isn't a concern. Generally, we advise removal of all personal firewalls when problems like this come up. If you will Google or browse this forum for "Norton AV" or "Zone Alarm", you will find beaucoup threads where problems have been solved only by un installing. And I don't mean run an uninstall wizard. Get advice from the vendor – sometimes specifically for your version of firewall. Be thorough – because something is blocking Perrins2 from being seen by Perrins1.

<http://nitecruZR.blogspot.com/2005/05/your-personal-firewall-can-either-help.html>  
<http://nitecruZR.blogspot.com/2005/05/your-personal-firewall-can-either-help.html>

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Cheers,

Chuck, MS-MVP [Windows – Networking]

<http://nitecruZR.blogspot.com/>

Paranoia is not a problem, when it's a normal response from experience.

My email is AT DOT

actual address pchuck mvps org.