

RE: ICS between desktop and laptop

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2007-02/msg00679.html

- *From:* nass <nass@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Sun, 25 Feb 2007 13:53:05 -0800
-

Hi tom,

You need to disable the wireless in the running services, to do this follow these steps:

Open a Run Command and type in:
services.msc click [OK]

On services make sure the windows Wireless configuration wizard not running try Disable it.

Do this On both computer if the laptop doesn't have the manufacturer Wireless utility installed then Leave the management for the WZC running in services on the laptop.

Good luck.

nass

"Tom in Michigan" wrote:

Hey nass,

I dont recall getting any error messages on the screen. Yes the host has two cards and the wireless one is enabled, I double checked. I did install the software and by default windows configuration is unchecked, so the manufactures software is handling that. I will link the two together via the cable and try that. When I ran the wizard I did tell it that I was connecting through another pc. Sooner or later we'll get this figured out. Thanks for your help and patience in this. Talk to you soon.

Tom

"nass" wrote:

Hi Tom,

Did you get any Error messages or any thing like that on the screen?.

Does the Host has two Cards, one of them wireless and enabled in the device manager (check to make sure).

Yes try to Install the wireless Software and Disable the Windows WZC to

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eliminate interference, it is best to try wired to see if the Settings are correct and the problem how to tune the wireless to talk to each other then you can configure the wireless.

The steps I given were to Wired but eliminate the wire/cable you get the wireless.

Did you run the wizard and told it you are connecting through another Computer, if you didn't try it and let the wizard Configure it for you.

HTH.

Good luck.

nass

"Tom in Michigan" wrote:

Hi nass,
got all settings the way you described, but neither pc is communicating with one another, I'm kinda confused on how my laptop is supposed to connect to my desktop. I know I have to establish a new connection and name it. Thats where my confusion lies. Another is should I install the software that came with the wireless card? I've printed alot of info from the links you provided and I am trying to resolve the problem. If I use the cable to connect them will that help set up the wireless connection? I think I am confusing my self more than I should. It shouldnt be that difficult to do this procedure. any more info?
Thanx

"nass" wrote:

Hi Tom,
You could try to Establish connection First with Cross-Over Cable for Internet Connection Sharing (ICS), or because you will have two NICs in the Host Machine (which is your Desktop) one will be wired to your ISP Internet Connection and the other Wireless to your Laptop.
To your Q about effecting your college WIFI, No if you will create Two Connections One you name TomHome and the Other call it CollegeNet.

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Good luck

"Tom in Michigan" wrote:

Thanks for the reply nass,
I'll take what you instructed
and give it a shot
later on today,,I will also
write down the links you
included and do some
more research – just in case.
I'll report back either later
on this evening
or sometime tomorrow and
let you know how things
went...two questions I have,
what is the cross over cable
used for? And will this
interfere with the
configuration that the
college (at which I attend)
set up so I could access
their wi-fi network?(I'm
speaking of my laptop)

"nass" wrote:

"Tom in
Michigan"
wrote:

Here
is
my
dilemma.
I
have
a
desktop
that
has
a
dial
up
connection.
Thats
all

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that
is
currently
available
in
my
area.

I
have
a
Laptop
with
a
wireless
uplink
card
built
in.

I
was
told
by
my
local
pc
repair
shop
that

I
could
network
the
two
together
by
installing
a
wirelessG
card
in
the
desktop.

They
also
informed
me
that
i
would
not
have

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to
purchase/use
a
router.
The
desktop
would
act
as
the
access
point.
All
I
want
to
do
is
to
be
able
to
access
the
internet
from
my
laptop
with
out
having
to
hardwire
it.
I
know
that
since
its
only
dialup,
the
bandwidth
wouldnt
be
the
greatest.
Both
pc's
are
running

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windows
xp
(sp2)
the
desktop
has
xp
pro
while
the
laptop
has
xp
home.
I
also
know
that
the
desktop
would
have
to
be
turned
on
and
signed
into
my
ISP
for
the
laptop
to
log
on.
Could
somebody
walk
me
through
the
steps
please.
I
have
some
knowledge
but
mainly

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in
assembly
not
in
networking.
If
someone
is
willing
to
walk
me
through
this
I
could
do
it.
Sorry
this
is
so
lengthy.
Again
—
thanks
for
any
info.

The same
rules apply,
but you
need two
NICs on the
Host, one of
them will
be
the Wireless
Adapter,
which will
talk to the
Laptop and
give access
to the
Internet,
<<<<I'm not
sure but you
could try
(Ad-Hoc)
as last resort

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if you
want to
experiment>>.

Configuring
Windows
XP IEEE
802.11
Wireless
Networks
for the
Home and
Small
Business

<http://www.microsoft.com/technet/prodtechnol/winxppro/maintain/wi>

Here are
some steps
to perform
and
hopefully
you will get
Internet
Connection
sharing up
and

running:
How to set
up a ICS:
Hardware:
– Tow
Computers
– The Host
have Two
NICs

–
Cross–Over
cable (if
you will not
use a hub
with
10base–T/100base–T,
cat5, patch
cable)

– Client
have a NIC
installed
and all
TCP/IP,
DNS
configured
to get the
IP Auto.

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– Enabling
the ICS on
both the
Host and
the Client

1 – How to
set the
Host:
You need to
set the Host
first as the
Host will
play the
Distributor
Role in
the ICS so
you need to
set up
correctly to
allow ICS;

Click Start
>> Control
Panel >>
Network
and internet
connections
>> Network
Connections
then Right
click My
network
places
and select
Properties.
Here you
should see
or have two
internet
connection
one for your
Internet
connection
and one for
your local
Area
Network
(LAN).
Right click
Internet

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Connection
and select
properties.
On the
Properties
Window
click on
Advanced
Tab and
check these
boxes:
Internet
Connection
Sharing:
 Allow
other
network
users to
connect
through this
computer's
Internet
Connection
 Allow
other
Network
users to
control or
Disable the
hard
Internet
Connection.
Click [OK]
to Confirm
your
settings and
close the
Internet
connection
Window.

2 – Setting
up the
Client:
The same
Go to the
Control
panel and
Network
Connections
>> here at

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least
you should
have one
Internet
connection
Icon or
Service
Installed, if
not then
your NIC or
hardware
not installed
and you
need to
install it
configure it.
On the
Local Area
Network
Right click
and select
properties.
Under
general tab
Highlight
the Internet
Protocol
and click
properties.

* Client for
Microsoft
Networks
* Internet
Protocol
(TCP/IP)
9If you
don't have
those then
install
them)
Make sure
the Machine
getting an
Automatic
IP, DNS
then click
Advanced
and
make sure
also that

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there is not
an old
settings and
all the DNS,
WINS IP
filtering are
all empty
and there
are no
entries.

Troubleshooting
Internet
Connection
Sharing in
Windows
XP

<http://support.microsoft.com/kb/308006>

"Internet
Connection
Sharing
with
Windows
XP by
Sharon
Crawford"

<http://www.microsoft.com/windowsxp/using/networking/expert/crawford>

Service
redirection
does not
apply to
Internet
Connection
Firewall

<http://support.microsoft.com/kb/297942>

Description
of the
Windows
Firewall
feature in
Windows
XP Service
Pack 2

<http://support.microsoft.com/kb/843090>

Troubleshooting
Windows
Firewall in
Microsoft
Windows
XP Service
Pack 2

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<http://www.microsoft.com/technet/prodtechnol/winxppro/support/wft>

Here is a
complete
step-by-step
on how to
set up ICS:

<http://www.chicagotech.net/icssetup.htm>

Troubleshooting

step by

step:

<http://howtonetworking.com/Troubleshooting/notaccessibile0.htm>

HTH.

Let us know

your

progress.

Regards,

nass

www.nasstec.co.uk