

# Re: how do i configure??

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*Source:*

[http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network\\_web/2008-12/msg00106.html](http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.network_web/2008-12/msg00106.html)

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- *From:* basschakra <[basschakra@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:basschakra@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sun, 7 Dec 2008 22:41:00 -0800
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thanks once again Lem. i'm down to researching firewall software that will allow wildcard characters (\*) in their access definitions. that way i could block (www.\*.com) and then enter (www.desiredsite.com) in the allowed permissions. so right now my plan is to use the ICS as suggested with a software firewall. can you recommend any firewall software with the wildcard permissions feature? continued thanks...mc

"Lem" wrote:

Neither configuration will inherently do what you want. However, it's possible that if you connect the Internet input of a router to the ICS NIC on the laptop (which in turn is connected to the Internet), may be able to configure the router to restrict access. Each router is different, so look in your router's User Guide for "access control" or the like. Even this, however, is only designed to block a few "bad" websites, rather than block everything but one "good" website.

In the end, because ICS only works while the laptop is working, if you're present while your laptop is present, you may just have to monitor the kids' surfing habits manually.

basschakra wrote:

in my situation i am dealing with a non-wired classroom with limited resources. so my bottom line desire is to have the kids on the client side of the ICS be 'only' be able to access the 'one' necessary site. so it seems like your first recommendation is the one i should follow since i could configure the router and use its' firewall to limit/secure access to the particular site. am i correct in this assumption??? many thanks again...mc

"Lem" wrote:

Each computer connected to the ICS host is independent, i.e.,  
can

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connect to whatever site it wants. The ICS host need not be "viewing" any Internet site at all -- but it has to be turned on and not in standby/hibernate mode. In effect, ICS makes the host computer behave like a router for the other computers.

Normally, the home routers that most of us see actually combine several devices in a single box. One of these typically is a switch, which is why most home routers have 4 LAN ports rather than just 1. The ICS host computer doesn't have a switch, so if you want to connect more than one computer to it, you have to add a switch. Rather than buying a separate switch (which you could do), you can use the switch portion of your router, which is what happens if you connect the ICS host computer to one of the LAN ports on the router.

basschakra wrote:

Lem...one other question. in your 'ideally' statement, are the other pc's 'limited' to what IP address (site) that the laptop is viewing or are the other pc's 'independant' and free to view any site they choose regardless of what the laptop might be doing? so, in ICS configs are the clients tied to the hosts movements? thanks again...mc

"Lem" wrote:

There are wireless routers that accept a wireless data card for Internet access.

If you want to use ICS on your laptop (which means that the laptop must be on in order for any of the other computers to access the Internet), things *\*may\** work (if you *\*only\** want to access the

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Internet) if you  
configure the router's WAN  
interface to obtain an IP  
address  
automatically and connect  
the laptop to the router's  
Internet input, but  
ideally:  
(a) the Internet connection  
of your router should be left  
UNconnected;  
(b) the DHCP server  
function of the router should  
be disabled; and  
(c) the NIC on the laptop  
should be connected to one  
the LAN ports on  
the router.

basschakra wrote:

thanks for  
the reply  
robert. the  
situation  
that this  
remedy  
requires that  
i  
set it up this  
way. tho i  
do agree the  
other way is  
more  
standard  
and ideal.

so in this  
setup using  
the ICS  
config, am i  
assuming  
correctly  
that my  
laptop  
ethernet  
connection  
must go

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into the  
internet  
connection  
of the router  
so that the  
other  
desktops  
can access?  
thanks  
again!!!

"Robert L.  
(MS-MVP)"  
wrote:

It  
is  
better  
to  
have  
a  
router  
connecting  
to  
the  
Internet  
and  
all  
computers  
connect  
to  
the  
internet  
through  
the  
router.  
If  
you  
must  
connect  
the  
internet  
via  
the  
laptop,  
you  
may  
want  
to  
setup

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ICS.  
This  
how  
to  
may  
help.  
How  
to  
setup  
Windows  
ICS  
Windows  
2000  
supports  
both  
Network  
Address  
Translation  
(NAT)  
and  
Internet  
Confection  
Shading  
(ICS)  
allow  
workgroup  
users  
to  
access  
to  
the  
Internet.  
...  
[www.howtonetworking.com/Windows/ics.htm](http://www.howtonetworking.com/Windows/ics.htm)

--  
Bob  
Lin,  
MS-MVP,  
MCSE  
&  
CNE  
Networking,  
Internet,  
Routing,  
VPN  
Troubleshooting  
on  
<http://www.ChicagoTech.net>  
How

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to  
Setup  
Windows,  
Network,  
VPN  
&  
Remote  
Access  
on  
<http://www.HowToNetworking.com>  
"basschakra"  
<basschakra@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote  
in  
message  
<news:66022CD2-7EC5-42AB-BA01-B4973D78938B@xx>

this  
question  
has  
probably  
been  
answered  
many  
times  
and  
if  
so  
add  
me  
to  
the  
list.;o)

i  
have  
a  
laptop  
with  
a  
wireless  
data  
card  
for  
internet  
access.  
i  
have  
multiple  
desktops  
that

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i  
would  
like  
to  
connect  
thru  
a  
router  
via  
ethernet  
connections  
and  
have  
them  
be  
able  
to  
access  
the  
internet  
via  
the  
laptop's  
wireless  
data  
card.

is  
this  
possible  
and  
if  
so,  
how  
do  
i  
configure  
things???  
thanks  
much...mc

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Lem -- MS-MVP

To the moon and back with  
2K words of RAM and 36K  
words of ROM.

[http://en.wikipedia.org/wiki/Apollo\\_Guidance\\_Computer](http://en.wikipedia.org/wiki/Apollo_Guidance_Computer)

<http://history.nasa.gov/afj/compassay.htm>

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Lem -- MS-MVP

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Lem -- MS-MVP

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