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[GUIDE] Creating infrastructure Wi-Fi with Windows 7

By [dorsai3d](#), Member on
26th August 2011, 03:28 AM

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So I just got my touchpad today, and was made aware that it doesn't support ad-hoc networks, which I use somewhat frequently to share a wired connection via my laptop. I just bypassed it by using my phone as a hotspot (android creates

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<http://www.youtube.com/watch?v=kIHMyYFGeQ>

Lets all give this guy some thanks.

For those of you that can't/won't go to youtube, the general gist of it is that you need an unused wifi network adapter and an internet connection. You then set up the network by running as administrator:

Code:

```
wlan set hostednetwork mode=allow ssid=testwifi key="12345"
```

Then you share the internet connection with the (maybe new) Microsoft virtual WiFi Miniport Adapter. Now you're ready to start it with:

Code:

```
netsh wlan start hostednetwork
```

And you can check its status via:

Code:

```
netsh wlan show hostednetwork
```

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Junior Member



MN

Thanks Meter: 4

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cannot create Microsoft virtual WiFi Miniport Adapter

dorsai3d, thanks for the information. I had been trying to use my Sprint TP2 as a wifi router, and was getting really frustrated. If this would have worked, it would have been awesome.

So what I am trying to do is use USB to tether to my Windows 7 64bit laptop, and use the Wireless adapter on the laptop in infructure mode to tether to Touchpad.

When I run the "netsh wlan set hostednetwork mode=allow ssid=testwifi key="123456789012" command, it runs fine (as admin).

"The hosted network mode has been set to allow.

The SSID of the hosted network has been successfully changed. The user key passphrase of the hosted network

has been successfully
changed. "

++

This is the error I get
when I run "netsh wlan
start hostednetwork"
"The hosted network
couldn't be started.
The group or resource is
not in the correct state
to perform the
requested operation."

++

output for
"netsh wlan show
hostednetwork"

Hosted network
settings

Mode : Allowed
SSID name : "testwifi"
Max number of clients :
100
Authentication : WPA2-
Personal
Cipher : CCMP

Hosted network status

Status : Not available

+++

No virtual adapters
were created, like in the
video, nor was there
one to begin with.
So I am guessing that is
the crux of my problem



I use Ad-hoc mode
quite often. I have Intel

quite often, I have tried
4965AGN for my wifi
adapter on this laptop.
and I use my 3G on the
Touch Pro 2 at my
primary internet at
home :P

Anybody running into
similar issue, or might
know whats going on.
Will appreciate any
help, thanks.

loving my touchpad
btw 😊

 Reply

 dorsai3d

26th August 2011, 04:40 AM

| #3



Member

OP

Thanks Meter: 6

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As this is a relatively
new feature, you may
need to reinstall/update
the drivers for your
current wifi adapter. I'm
not a big networking
person, so I'm afraid I
won't be too terribly
much help, but maybe
we can get this all

headed in the right
direction. I'm afraid it
looks like there won't be
a solution for getting
windows mobile to
create an infrastructure
hotspot if it's one of the
new selling points in
Windows 7.

For reference, I'm using the Intel WiFi link 1000 BGN and the virtualized adapter was already there for me.

 Reply

 baalho

26th August 2011, 01:18 PM

| #4



Junior Member



MN

Thanks Meter: 4

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Yup, driver issue. Looks like I might have to buy a second wireless nic that supports this feature. Just knowing that this is possible it a great start 😊

now to find a cheap usb wifi nic that dose support this. I have a Intel 5300AGN on my work laptop, I think that is supported.
thanks for your help though.

edit:
lookes like even Intel 5300AGN dose not support VWIFI

Last edited by baalho; 26th August 2011 at 02:58 PM.

 Reply

 promila

16th April 2013, 10:54 AM

| #5



Junior Member

📍 Tokyo

Thanks Meter: 0

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I made the infrastructure Wi-Fi with windows 7 and it works perfectly with my Android S3 phone and tablet but when I try to connect my Iphone with it....My lan connection frezees and I am unable to access internet at all

.....
Then I have to disconnect my Router and restart it...

I surfed and I guess I have o connect to the hotspot through VPN.....But I dont know the details to fill in....
The Iphone 4s ask the following details for VPN connection

L2TP PPTP IPsec

Please help me !!!!!

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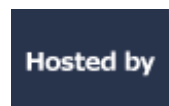
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