

# Re: UDP connection over GPRS/3G fails when Wifi is ON

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*Source:*

<http://www.tech-archive.net/Archive/PocketPC/microsoft.public.pocketpc.developer/2008-06/msg00144.html>

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- *From:* "Evertjan." <[exjw.hannivoort@xxxxxxxxxxxxx](mailto:exjw.hannivoort@xxxxxxxxxxxxx)>
  - *Date:* 17 Jun 2008 18:44:01 GMT
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samkol649 wrote on 17 jun 2008 in microsoft.public.pocketpc.developer:

On Jun 17, 2:13 pm, "Evertjan." <[exjw.hannivoort@xxxxxxxxxxxxx](mailto:exjw.hannivoort@xxxxxxxxxxxxx)> wrote:

samkol649 wrote on 17 jun 2008 in  
microsoft.public.pocketpc.developer:

On Jun 16, 5:36 pm, "Evertjan."  
<[exjw.hannivoort@xxxxxxxxxxxxx](mailto:exjw.hannivoort@xxxxxxxxxxxxx)>  
wrote:

samkol649 wrote on 16 jun 2008 in  
microsoft.public.pocketpc.developer:

I appreciate very much if  
anyone can help me or  
provide some  
comments.

I have a HTC TyTN. With  
this product, I can send  
UDP packets to  
a UDP server over the  
GPRS/3G network ( I  
downloaded a free  
trial IPer 6.0 product to  
generate UPD traffic. You  
can find the  
product at

Re: UDP connection over GPRS/3G fails when Wifi is ON

<http://handheld.softpedia.com/get/Internet-Utilities/Testers/IPer-100-64.shtml>). This works when the Wifi is OFF. However, when the Wifi is ON, the UDP server cannot receive any data packets, even a single one.

So, my question is does anyone here experience the same problem before? If not, can anyone verify if your device behave similar to mine.

Thank you very much, and I am looking forward for your reply.

I would think the firewall of your wifi-router blocks the specific udp- port. You should be able to correct that.

[please do not quote signatures on usenet]

Thank Evertjan for your reply,

I did not use wifi to send the UDP packets. I used GPRS interface to do so. This works fine when wifi is OFF, but when wifi is ON, we cannot send any UDP packets. Moreover, I can also send the UDP packets using wifi, and hence, there should not be any issues with the wifi- router or port blocking. Do you have any other ideas? Did

Re: UDP connection over GPRS/3G fails when Wifi is ON

you try to run the same test on your device?

That is implicit, as probably the GPRS connection will not be used if there is an active WIFI connection to the web.

Otherwise it could cost you data stream payment, even when a free connection is available.

At least my Touch Cruise acts that way if both connections are active.

[please do not quote signatures on usenet]

Thanks again Evertjan,

Did you mean that your Touch Cruise acts the same as my device?

The GPRS connection stops when there is active WiFi connection?

Well I use 3G/UMTS, but the principle is the same. ;-)

No, the GPRS or 3G connection is held, but is not used, as the wifi connection has priority.

Is this something to do with Connection Manager?

I don't think the connection manager does other than switch on and off?

It is the logical way to behave.

And you would not expect the ppc system to try GPRS just for that packet when an outgoing udp port is closed on the router?

—

Evertjan.

The Netherlands.

(Please change the x'es to dots in my emailaddress)

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