

## Re: Activesync / Airsync – Alternative Ports

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*Source:*

<http://www.tech-archive.net/Archive/PocketPC/microsoft.public.pocketpc.activesync/2006-02/msg00157.html>

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- *From:* "Chris De Herrera" <[spam@xxxxxxxxxxxxxxxxxxxx](mailto:spam@xxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Sun, 5 Feb 2006 19:17:36 -0800
- 

Hi,

What I'm envisioning is redirecting the ports with the firewalls. I believe that 2 Cisco PIX firewalls would work:

Client Side:

Pocket PC – Wireless – Access Point – Cisco Firewall – Satellite

Server Side:

Satellite – Cisco Firewall – Exchange Server

So on the server side you would configure the port 80 to redirect to 8888 (or any other port) via the firewall. Then redirect 443 to 4433 on the same firewall.

Then on the client side, the firewall would receive the requests on port 8888 and redirect them to 80 internally. Then redirect 4433 to 443 on the same firewall.

Does this make sense?

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Chris De Herrera

<http://www.pocketpcfaq.com>

<http://www.tabletpctalk.com>

<http://www.pocketpctalk.com>

<http://www.mobilitytalk.com>

ActiveSync 4.x Troubleshooting Guide –

<http://www.pocketpcfaq.com/faqs/activesync/tshoot-as4x.htm>

"Andreas Wiatowski" <[AndreasWiatowski@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:AndreasWiatowski@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:59BB32C1-3037-48AC-96D3-8CFF1F5D58B1@xxxxxxxxxxxxxxxxxxxx](mailto:news:59BB32C1-3037-48AC-96D3-8CFF1F5D58B1@xxxxxxxxxxxxxxxxxxxx)

The problem is that the request to 80 never hits my firewall. Heres the senario.

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I have SBS / Exchange sitting on this High Speed Satellite link behind my firewall.

I leave with my Smartphone, try to sync over the GPRS network via myservername.domain.com but the request over port 80 can never hit my server because the port 80 traffic is stopped before it can ever touch my firewall.

I have another server with no exchange server (W2K w /iis) sitting at another site on the Internet. Could I hit that server or firewall and redirect the port 80 request to the server on port 8888? Don't think it can work... I tried setting up a IIS site and set a redirection to my Echange server on port 8888 and get nothing but errors.  
"Chris De Herrera" wrote:

Hi,  
If you wanted to throw hardware at it, you could probably setup a firewall on your side to reroute the requests for 80 and 443 to another port, send it via the satellite to the remote site and then reroute them with another firewall on the far end. This isn't cheap or easy but it should work.

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Chris De Herrera  
<http://www.pocketpcfaq.com>  
<http://www.tabletpctalk.com>  
<http://www.pocketpctalk.com>  
<http://www.mobilitytalk.com>

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"Andreas Wiatowski"  
<AndreasWiatowski@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:C661D421-043C-402A-88A6-C51A626FE233@xxxxxxxxxxxxxxxxxxxx](mailto:news:C661D421-043C-402A-88A6-C51A626FE233@xxxxxxxxxxxxxxxxxxxx)

Unfortunately, not an option, I live in the country and there is no wireless, cable or DSL options. Satellite is my only option for the office. Was with KU band Direcway, with public IP, no problems but very slow and unreliable,

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switched to KA band very reliable and fast for upload and download.

Everything works fine for EXCEPT my Activesync for my smartphone. I am currently using Pocket IE OMA and my server address on 4433 and it works.

Thanks for the suggestion though. ;)

"Alan" wrote:

"Andreas Wiatowski" <Andreas.Wiatowski@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote  
in  
message  
[news:757AF005-D94E-4260-A342-AF6FB6B629DD@xxxxxxxxxxxxxxxxxxxx](mailto:news:757AF005-D94E-4260-A342-AF6FB6B629DD@xxxxxxxxxxxxxxxxxxxx)

My ISP blocks both ports 80 and 443. After trying several configurations I cannot get activesync to work on any alternate port other than 80 or 443.

(Tried server:port with no success, it still tries to connect on 80

or  
443

depending on my ssl setting)

Does anyone know how I can get it to connect on a different port?

I am using a Motorola MPX220 smartphone. Tried changing registry key HKCU\Software\Microsoft\AirSync\Connection\UseURIAsSupplied – change it from 0 to 1

Seems like http is hardcoded to go to 80 for Airsync. Are

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ther any  
other  
reg keys that can be added  
to allow me to go through  
port 8888 for  
http  
and  
4433 for https??

THanks

And the other option– change your ISP.