

Re: Activesync / Airsync – Alternative Ports

Source:

<http://www.tech-archive.net/Archive/PocketPC/microsoft.public.pocketpc.activesync/2006-02/msg00217.html>

- *From:* "Carl Wolz [MSFT]" <carlw@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 7 Feb 2006 19:34:45 -0800
-

How about this. Setup a reverse HTTP proxy. On the device set the HTTP proxy and set the connection type to "Work". Then on the PC have it accept the requests and forward it to the server.

(Just an idea. I would thoroughly review the topology for security)

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Carl Wolz [MSFT]

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"Andreas Wiatowski" <AndreasWiatowski@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:2E2616C0-F9EE-4730-B60F-4E595406D2FA@xxxxxxxxxxxxxxxx

Thanks Chris,

Thought of doing that, but they are blocking pptp too.

Plus, \$10/mo. extra with cell company.

I was 'Praying' that there might be some hidden registry dwrod key or something. Looks like in out of luck.

Thanks for all the great suggestions.

"Chris De Herrera" wrote:

Hi,

Another idea is to use the PPTP capabilities of a Windows Server to allow you to connect and tunnel the 80 and 443 requests. The plus is that

Windows

Mobile 5.0 Pocket PCs and Smartphones support this. The downside is that

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you have to subscribe for VPN access from your GPRS carrier.

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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> wrote in message

<news:41E10953-73B5-43B6-A34F-615B02989DA4@xxxxxxxxxxxxxxxxxxxx>

I understand, I think it could work, but on the client side, we are talking about my Smartphone, going over the Internet over a Mobile operations GPRS network, not a Pocket PC using 802.** wireless.

"Chris De Herrera" wrote:

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

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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?

--

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>
wrote
in
message
<news:59BB32C1-3037-48AC-96D3-8CFF1F5D58B1@xxxxxxxxxxxxxxxxxxxx>

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

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
myservname.domain.com
but the request over port 80
can never hit
my

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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
Exchange
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

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site and
then reroute
them with
another
firewall on
the far end.
This isn't
cheap or
easy but it
should
work.

--

Chris De
Herrera

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<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"

<Andreas.Wiatowski@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote

in

message

<news:C661D421-043C-402A-88A6-C51A626FE233@xxxxxxxxxxxx>

Unfortunately,

not

an

option,

I

live

in

the

country

and

there

is

no

wireless,

cable

or

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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,
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

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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-AF6FB6B629

My
ISP
blocks
both
ports
80
and
443.
After
trying
several
configurations
I
cannot
get
activesync
to

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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.

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Tried
changing
registry
key
HKCU\Software\Microsoft\AirSync\Connect
–
change
it
from
0
to
1

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