

## RE: RPC over HTTP

**Source:**

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.connectivity/2004-04/0063.html>

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>>It is likely that your Outlook 2003 client is detecting  
>a 'fast' network  
>>connection to your Exchange environment when using DSL  
>or Cable, thus is  
>>using TCP/IP.  
>>  
>>Try checking the following option – Email Accounts >  
>More Settings >  
>>Connection Tab > Exchange Proxy Settings:  
>>'On fast networks, connect using HTTP first, then  
>connect using TCP/IP'  
>  
>Nope. Checked that. I'm thinking that the gateways my  
>cablemodem people are using are blocking something  
>important. Any ideas as to what?  
>

The RPC traffic is encapsulated within HTTP packets, so it is unlikely they are blocking anything relating to this traffic (port 80).

Try hard coding your Outlook 2003 client to only use HTTP(s) using this registry key:

```
HKEY_CURRENT_USER\Software\Microsoft\Office\11.0\Outlook  
DWORD = RPC::DisableRpcTcpFallback  
Value = 1
```

This will disable the failover ability of the client, so remember to disable it once you have finished troubleshooting.

Otherwise, use the RPCping command to verify RPC over HTTP connection without the use of Outlook 2003. Bring up a CMD box on your client and type the following, replacing ExchServer and RPCProxyServer with their valid servernames.

```
rpcping -t ncaen_http -s ExchServer -o RpcProxy=RpcProxyServer -P
```

microsoft.public.exchange.connectivity: RE: RPC over HTTP

```
"user,domain,*" -I "user,domain,*" -H 1 -u 10 -a connect -F 3 -v 3 -E -R  
none
```

You can read through this KB for more details and steps to verify your setup.

827330 How to troubleshoot client RPC over HTTP connection issues in Office

<http://support.microsoft.com/?id=827330>

Regards,  
Val

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