

RE: RPC Over HTTP

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2004-10/4170.html>

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Normally running the CEICW (configure e-mail and internet connection wizard) and allowing RPC over HTTP (outlook via the internet) option on the Web services configuration page should configur your server to allow RPC over HTTP.

Here are some additional troubleshooting steps you can take:

NOTE: If during troubleshooting the RPCProxy.dll has been unregistered or RPCProxy has been removed and reinstalled you will see these symptoms.

When the rpcproxy is unregistered and re-registered or the RPCProxy service has been uninstalled and reinstalled it resets the Valid Ports key in HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Rpc\RpcProxy to 100-5000. The MExchange keys do not get altered in any way. but you will need to manually enter the correct values for Valid Ports which are listed below.

Troubleshooting Steps:

1. Verify that the patch from KB article 331320 has been applied to the client machine.
2. Verify that the certificate is installed by going to <https://mydomain.com/remote> or /owa. You should not be prompted for the certificate.
3. Verify the following settings in the Outlook profile properties:
 - a. The Exchange server name. This should be the internal FQDN of the exchange server, example: Server.mydomain.local
 - b. On the connection tab:
"Connect to my Exchange mailbox using HTTP" should be checked.

c. In Exchange proxy settings:

The URL should be the same one as the FQDN of the certificate. Example:

<http://mydomain.com>

The "Connect Using SSL only" box should be checked.

The "Mutually authenticate the session when connecting with SSL" box should be checked.

The Principal name for the proxy server should be the same as the FQDN on the certificate. Example: msstd:mydomain.com.

The "On slow networks, connect using HTTP first, then connect using TCP/IP" box should be checked.

d. Under Proxy Authentication the setting should be Basic Authentication.

Verify that the following registry keys exist with these settings:

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Rpc\RpcProxy]
"Enabled"=dword:00000001
"ValidPorts"="<netbios name of server>:593;<netbios name of
server>6001-6002;<netbios name of server>:6004;f<Internal FQDN of
server>:593;<internal FQDN of server>:6001-6002;<internal FQDN of
server>:6004"
```

```
HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Serv
```