

RE: RPCPING error 12007

Source:

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.connectivity/2005-11/msg00074.html>

- *From:* Nick-Mars <nickmars@xxxxxxxxxxxxxxxx>
 - *Date:* Fri, 11 Nov 2005 09:27:03 -0800
-

Thanks for getting back to me.

In response to your items:

(1) Mailbox definitely exists. Please keep in mind that I'm not even concerned about accessing a mailbox yet. I am not able to browse successfully to <https://server/rpc>. When I do I get "Page Not Displayed". RPCPing also fails with Error 12029 returned in the WinHttpRequest .

(2) Confirmed that RPC Proxy is using default ports, I THINK. SSL for default web site is set to 443.

(3) I can NOT access OWA via HTTPS but I can via HTTP. Port Query tool reports that HTTP and HTTPS are both listening.

(4) Mailbox can be accessed on the internal network using Outlook. RPCPing test fails internally.

"Martin Qiu [MSFT]" wrote:

- > Hello Nick,
- >
- > Thank you for posting here!
- >
- > According to your description, I understand this issue to be as follows:
- >
- > You are unable to use RPC over HTTP to connect to the Exchange Server. When
- > running RPCPing, you get the "Error 12029 returned in the
- > WinHttpRequest".
- >
- > If I have misunderstood your concern, please let me know.
- >
- > Based on my experience, this issue may be caused by 443 ports blocked or
- > other potential factors. Please perform the steps below to narrow down the
- > problem.
- >
- > 1. Firstly, please double confirm that the mailbox you try to access via
- > RPC over HTTP hosts in the Exchange 2003 Server. Based on my knowledge, the

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- > issue is not related to whether Exchange Server is also DC.
- >
- > 2. Double confirm that you have configured the RPC proxy server to use the
- > default ports for RPC over HTTP that are specified inside the corporate
- > network.
- >
- > (1) On the RPC proxy server, start Registry Editor.
- > (2) Locate and then click the following registry subkey:
- >
- > HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Rpc\RpcProxy
- >
- > (3) In the right pane, right-click "ValidPorts", and then click "Modify".
- > (4) Remove all the information from the "Value data" box, and then type the
- > following information:
- >
- > <ServerNETBIOSName>:6001-6002;<ServerFQDN>:6001-6002;<ServerNetBIOSName>:600
- > 4;<ServerFQDN>:6004
- >
- > (5) Click "OK", and then quit Registry Editor.
- >
- > For more detailed information, please refer to the following Knowledge Base
- > article:
- >
- > 833401 How to configure RPC over HTTP on a single server in Exchange Server
- > 2003
- > <http://support.microsoft.com/?id=833401>
- >
- > 3. Please check whether you can access OWA via
- > <https://exchangeserver/exchange/>. We can also use the PortQueryUI tool to
- > test whether the issue is related to RPC connection or port problems.
- >
- > The PortQueryUI tool is available for download from the following Microsoft
- > Web site:
- > [http://download.microsoft.com/download/3/f/4/3f4c6a54-65f0-4164-bdec-a3411ba](http://download.microsoft.com/download/3/f/4/3f4c6a54-65f0-4164-bdec-a3411ba24d3a/PortQryUI.exe)
- > 24d3a/PortQryUI.exe
- >
- > Then, you can use the Port Query tool to query your Exchange Server and
- > double check whether 80 and 443 ports respond as "NOT LISTENING". For more
- > detailed information about the Port Query tool, please refer to the
- > following Knowledge Base article.
- >
- > 310298 How to Use Portqry.exe to Troubleshoot Microsoft Exchange Server
- > <http://support.microsoft.com/?id=310298>
- >
- > 4. Finally, please double check whether the user is able to access mailbox
- > in the internal network in Outlook. You can also perform the RPCping test
- > in the internal work too.
- >
- > Please don't hesitate to let me know in case you have any further updates
- > or concern.
- >

> Have a nice day!
>
>
>
> Regards,
>
> Martin Qiu
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• **References:**

- ◆ **RE: RPCPING error 12007**
 ◇ From: Martin Qiu [MSFT]

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