

Re: RPC over HTTP – one server scenario no ISA

Source:

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.connectivity/2004-04/0058.html>

From: Tim Hackbart [MSFT] (Timhack_at_online.microsoft.com)

Date: 03/31/04

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Brian

Have you gone through the following article entirely?
833401 How to configure RPC over HTTP in Exchange Server 2003
<http://support.microsoft.com/?id=833401>

We use this article on most every call that comes into our team.

If you have verified that your "Valid Ports" key is set correctly, and the correct services are listening on the correct ports, then you may need to make sure that your client machine is configured correctly.

>From the XP machine that you are testing with, use IE and attempt to hit
<https://rpcproxysrvr.domain.com/rpc>

You should get a 403.2 HTTP Error, this means that you are accessing the correct Virtual Directory

Then you need to make sure that they Certificate is valid all the way up to the trusted Root CA

This is all covered in the above article, if you would go through the entire article step by step and let me know where you fail I may be able to help.

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Tim Hackbart M.C.S.E.

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"Brian Ladley" <bladley_removethispart@cfl.rr.com> wrote in message news:OXsW6TtFEHA.2560@TK2MSFTNGP12.phx.gbl...

> I've tried everything you mentioned since I have a similar setup; 1 Win2K3
> server DC/GC/Ex2003 behind Broadband router. Ports 443, 6001-6004 wide
> open. Default web site is accessible outside the router with HTTPS as
well
> as OWA under HTTPS. I've been able to connect to the server from an XP
box
> behind the router over HTTP according to /rpcdiag. When I try it from
> outside the router, the /rpcdiag option shows that it can't even connect
at
> all. I verified the PID's and found them to be as you stated in the
message
> below. I'm still stumped. I've been at this for a week.

Re: RPC over HTTP – one server scenario no ISA

microsoft.public.exchange.connectivity: Re: RPC over HTTP – one server scenario no ISA

>
> Brian Ladley
>
>
> "Tim Hackbart [MSFT]" <Timhack@online.microsoft.com> wrote in message
> news:eD9D51eDEHA.3472@TK2MSFTNGP09.phx.gbl...
> > Guy
> >
> > Here is a great article that may help
> > 833401 How to configure RPC over HTTP in Exchange Server 2003
> > <http://support.microsoft.com/?id=833401>
> >
> > Here is the big picture:
> > Valid Ports key- this is crucial, if all the ports or servers are not
> > listed
> > correctly, it will fail.
> > You need access to the following ports
> > 6001 Exchange Information store UUID A4F1..
> > 6002 Global Catalog Referral UUID 1544.. this is the service that OL2003
> > talks to in order to find out which Global Catalog to connect to
> > 6004 Directory service- UUID F5CC..
> > If you have an all in one box, lets call it "server.domain.com" both the
> > Exchange server and Global Catalog you need to make sure your Valid
> > Ports
> > key includes the following,
> > "server:6001-6004;server.domain.com:6001-6004" without quotes
> > That way you have covered all three ports and both the netbios name of
> > the
> > server and the FQDN
> >
> > Once you make sure that you have the correct ports and names listed in
> > the
> > Valid Ports key, then make sure the correct Ports are listening and that
> > the
> > correct Services are listening on those ports
> > In 2003 we have extended netstat with a "o" option that gives you the
> > Process Identifier(PID) of the service listening on the port.
> > So go to the command prompt and run "netstat -ano"
> > Note down the PIDS of the services listening on 6001, 6002 and 6004
> > Then go to Task Manager and Processes then View-Select Columns and check
> > "PID Process Identifier"
> > In all cases 6001 should map to the STORE.EXE process and 6002 to the
> > MAD.EXE process.
> > If the server is a Global Catalog, then 6004 should map to LSASS.exe,
> > which
> > I think is your case.
> > IF the server is a Member Server, then 6004 should map to MAD.EXE
> >
> > In your case, if 6004 is not listening or not matched to lsass, I would
> > delete and then add the NTDS parameters key back and reboot, until you
> > see
> > 6004 mapped to lsass.exe
> >
> > This is all covered in the KB as well.
> >
> > Hope this helps.
> >
> > --
> > Tim Hackbart M.C.S.E.
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> > rights.
> >

