

Re: VPN-Zugriff auf Ex2k schlägt fehl

Source:

<http://www.tech-archive.net/Archive/German/Exchange/microsoft.public.de.exchange/2005-05/msg00224.html>

- *From:* "Karsten Hoeller" <info@xxxxxxxxxxxxx>
 - *Date:* Thu, 5 May 2005 19:28:17 +0200
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Hallo Daniel,

funktioniert nun einwandfrei. Danke!

Gruß
Karsten

"Daniel Melanchthon [MSFT]" <danielme@xxxxxxxxxxxxxxxxxxxxxxxx> schrieb im Newsbeitrag news:OzwXIXYUFHA.3176@xxxxxxxxxxxxxxxxxxxxxxxx

> Karsten Hoeller schrieb:

>> auf der gateProtect-Firewall sind folgende Ports ein- und ausgehend für

>> Exchange freigegeben:

>

> Da fehlt zumindestens Port 135 – der RPC Endpointmapper. Schau Dir mal
> folgenden Webcast an, darin ist erklärt, wie es geht:

>

> Support WebCast: Microsoft Exchange 2000 Server Connectivity Through a
> Firewall

> <http://support.microsoft.com/kb/324459/EN-US/>

>

> Zitat: "First off, our MAPI client has to be able to talk to the end-point
> mapper. That's TCP port 135 on Exchange servers and domain controllers.

> The reason it needs to do this on domain controllers is with Exchange
> 2000, Outlook 98, Outlook 2000, and Outlook 2002, we're going to talk
> directly to a domain controller if we can, to poll directory information.

> It saves us from having to go to the Exchange server and having the
> Exchange server proxy. So we have to be able to get to TCP port 135.

>

> The other piece is NSPI, or we called it Directory Service in Exchange
> 5.5; we kept it simple, Name Service Provider Interface is what NSPI
> stands for, and that's, once again, what we're going to use to talk to the
> directory. This is going to be on DCs and Exchange servers, whichever one
> the client decides to use. By default, RPC is a dynamic port protocol. It
> can talk over any ports. We want to give it this ability, just because it
> was handy when we were using it on LAN. When we start talking through
> firewalls, it's not as easy to use dynamic ports, just because we have to
> open up a huge range. This can be statically mapped on our domain

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> controllers or Exchange servers. You're going to do it in the registry. We
> provided the KB article down at the bottom, "Exchange 2000 Static Port
> Mappings," Q270836. This is going to discuss any statically mapped ports
> we're going to need to set to get Exchange working through a firewall.
>
> We have another port (slide 12). We have end-point mapper and directory.
> We're going to have to talk to the Information Store, though. We're going
> to have to get our mailbox and public folder data. This port is only going
> to have to be statically mapped on Exchange 2000 servers, our mailbox, and
> public folder servers. Keep in mind, we're going to want to do this on
> every mailbox and public folder server. Mailboxes aren't as important.
> Public folder servers are very important because a client may have to get
> data from some remote public folder server. We're going to need to have
> that statically mapped.
>
> The last topic here is push notification. In the past with push
> notification, it was new mail notification. This is when you get the bold
> item in your inbox, and when you get the little message down at the bottom
> of your screen that says, "You have new mail." What we've done in the past
> is we've used the UDP packet. The client registers a port with the socket
> and is going to have to give the IP address and a port. The server is
> going to send a little UDP packet to that client whenever new mail
> arrives. This poses an issue for firewalls, because what that means is,
> for an administrator, they have to open up UDP outbound over all ports.
> They can't keep it specific to a session because, in this case, the client
> doesn't establish a TCP session, it's a simple UDP connectionless packet
> that goes through the firewall from your Exchange server to the Internet.
>
> This may not be a big concern if you're not concerned about protecting
> outbound communications, but this has become a concern. We have a KB
> article listed for Outlook 2002, Q305572; we can use push notification.
> That can also be done in Outlook 2000 as well as Outlook 2002. Once again,
> you have your link to the Exchange 2000 static port mappings for the
> Directory Service."
>
> ---
> .:Daniel Melanchthon:
> Technologieberater – Exchange Server
> <http://blogs.technet.com/dmelanchthon>
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> rights.

• *References:*

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◇ *From:* Daniel Melanchthon [MSFT]

◆ **Re: VPN-Zugriff auf Ex2k schlägt fehl**

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