

Re: Is it possible to create a secure AD environment for widely dispersed PC's behind other institutions firewalls?

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Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2008-07/msg00134

- *From:* "Chris Swinney" <swin@xxxxxxxxxxxxxx>
 - *Date:* Wed, 2 Jul 2008 18:46:22 +0100
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Just to let you know, something similar can be done with different VNC flavours, such as UltraVNC, using a repeater. Anyhow, this still does not satisfy all requirements as previously illustrated

Even though we are going through foreign firewalls, we do have a certain degree of sway with the Network managers' to allow certain traffic. Any management traffic would need to be sent encrypted so I am wondering if this could be sent using IPSEC or SSL so utilising just one or two open ports/protocols.

Any further thoughts?

"Anthony [MVP]" <anthony@xxxxxxxxxxxxxx> wrote in message news:%23Gj3pSE3IHA.3544@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Chris,
VNC will not work through standard firewalls, but Webex Remote Access will, because it is an outbound connection to an intermediary. We manage remote servers fully without using AD.
Anthony,
<http://www.airdesk.co.uk>

"Chris Swinney" <swin@xxxxxxxxxxxxxx> wrote in message news:OoH8RID3IHA.4800@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Many thanks for this. At a simple level, we already use remote management tools such as VNC to manage some of these workstations, however not all (because of firewall restraints) can be managed in this way. Still, remotely managing the desktop is only part of the problem. A central

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management point is required that is able to be used to push out key changes to all desktops, maybe such as would be available using Group Policy. In addition, some management applications (such as software firewall policies) require AD integration.

Chris

"Anthony [MVP]" <anthony@xxxxxxxxxxxx> wrote in message news:OldbPLA3IHA.2424@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Chris,
AD is only one way of creating a shared security context between machines. It would not work in your case, as the firewalls will not allow AD traffic. Something like Webex Remote Access would allow you to control all the machines.
Anthony,
<http://www.airdesk.co.uk>

"Chris Swinney" <swin@xxxxxxxxxxxx> wrote in message news:eZg1rG92IHA.5060@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Or is this even a practical deployment scenario for AD?

"Chris Swinney" <swin@xxxxxxxxxxxx> wrote in message news:%23c5Cz182IHA.4476@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi,

We maintain a wide network of PCs (Win 2000 and XP, approx 200–300 machines). Most of these are single use machines designed for use in a Video Conference environment. The machines are effectively standalone with public IP's, and they are deployed in various institutions, some behind firewalls that we

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don't manage. Although we have a certain amount of sway with the other network managers to allow traffic to and from these machines, we obviously do not have full control over ALL the traffic that can be passed to them.

I feel that if we can create a secure AD environment to centrally manage these machines it would be beneficial. I'm not entirely sure what ports/protocols need to be configured to allow AD traffic, and then if this traffic can be secured across foreign firewalls.

Is there a way to create such an environment?

Many thanks for any insight or articles you may have.

Chris

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