

RE: Windows 9X clients?

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.migration/2004-02/0266.html>

From: Joe Wu [MSFT] (joewu_at_online.microsoft.com)

Date: 02/13/04

Date: Fri, 13 Feb 2004 20:55:36 GMT

Hello,

Thank you for your reply. The Windows 9X client should also work in the Windows Server 2003 domain. However, if there are pre-Windows 2000 clients in the Windows Server 2003 Active Directory, we generally suggest that we do not configure too strict security settings, because they may cause access restrictions.

Basically, if you encounter the following problems on Windows 98 clients and other clients work well, we need to check the security settings on the Windows Server 2003 domain controller.

- Receive an "Access Denied" error message on connecting a network share or on a 'net view' command.
- Can successfully attach to the network share but receive an "Access Denied" error message when trying to list the files using the DIR command. Explorer shows an empty volume although you know that the share contains folders and files.
- Windows 98 clients cannot join the domain.

My suggestions:

1. Please install Directory Services Client on these Windows 98 systems.

The Directory Services Client for Windows 9X systems is included on the Windows 2000 CD-ROM as Clients\Win9x\Dscclient.exe. You can use it to install DSCClient on these Windows 9X clients. The NTLM 2 support will be automatically installed as well.

We have an updated version of the Directory Services client as a hotfix. Please refer to the following Knowledge Base article:

323466 Availability of the Directory Services Client Update for Windows 95 and
<http://support.microsoft.com/?id=323466>

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If you do not have Windows 2000 installation CD or want updated version of Directory Services Client, please contact our Microsoft Product Support Services directly to obtain the latest Directory Services Client.

To obtain the phone numbers for specific technology request please take a look at the web site listed below.

<http://support.microsoft.com/default.aspx?scid=fh;EN-US;PHONENUMBERS>

NOTE: If you contact Microsoft to obtain this fix, a fee may be charged. However, unless you request additional technical support, this fee is refundable.

2. Please check if your Windows 98 clients work well in the new domain. If not, let's check the security settings under:

Domain Controller Security Policy\Security Settings\Local Policies\Security Options

We need to pay more attention to the following:

2.1 SMB Signing:

SMB signing is initiated during SMB protocol negotiation. SMB signing provides this authentication by placing a digital signature into each SMB, which is then verified by both the client and the server. In order to use SMB signing, you must either enable it or require it on both the SMB client and the SMB server.

If SMB signing is required on a server, then a client will not be able to establish a session unless it is at least enabled for SMB signing.

811497 Error Message When Windows 95 or Windows NT 4.0 Client Logs On to
<http://support.microsoft.com/?id=811497>

Microsoft network client: Digitally sign communications (always)
Microsoft network client: Digitally sign communications (if server agrees)
Microsoft network server: Digitally sign communications (always)
Microsoft network server: Digitally sign communications (if client agrees)
Domain member: Digitally encrypt or sign secure channel data (always)
Domain member: Digitally encrypt secure channel data (when possible)
Domain member: Digitally sign secure channel data (when possible)
Domain member: Require strong (Windows 2000 or later) session key

2.2 RestrictAnonymous

Anonymous connections are typically requested by downlevel clients during SMB session setup.

Network access: Allow anonymous SID/Name translation
Network access: Do not allow anonymous enumeration of SAM accounts

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Network access: Do not allow anonymous enumeration of SAM accounts and shares

Network access: Let Everyone permissions apply to anonymous users

Network access: Named pipes can be accessed anonymously

Network access: Restrict anonymous access to Named Pipes and shares

Network access: Shares that can be accessed anonymously

3. Please also configure WINS in the new domain for name resolution.

Besides, the TechNet website contains a lot of good technical resource and I believe they will be helpful to you:

<http://www.microsoft.com/technet/treeview/default.asp?url=/technet/prodtechnol/windowsserver2003/default.asp>

<http://www.microsoft.com/technet/treeview/default.asp?url=/technet/prodtechnol/ad/default.asp>

<http://www.microsoft.com/technet/treeview/default.asp?url=/technet/prodtechnol/windows2000serv/default.asp>

Thanks for using our newsgroups!

Regards,
Joe Wu
Product Support Services
Microsoft Corporation

Get Secure! – www.microsoft.com/security

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|Content-Class: urn:content-classes:message
|From: "sjs" <anonymous@discussions.microsoft.com>
|Sender: "sjs" <anonymous@discussions.microsoft.com>
|References: <d87a01c3f02b\$d439bec0\$a101280a@phx.gbl>
<QwvrCmK8DHA.1988@cpmsftngxa07.phx.gbl>
|Subject: RE: Windows 9X clients?
|Date: Wed, 11 Feb 2004 15:53:32 -0800
|Lines: 107
|Message-ID: <f0d401c3f0fa\$41103fa0\$a601280a@phx.gbl>
|MIME-Version: 1.0
|Content-Type: text/plain;
| charset="iso-8859-1"
|Content-Transfer-Encoding: 7bit
|X-Newsreader: Microsoft CDO for Windows 2000

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|X-MIMEOLE: Produced By Microsoft MimeOLE V5.50.4910.0300
|Thread-Index: AcPw+kEQVvsOFXkHTWSX41o+CVhYqw==
|Newsgroups: microsoft.public.windows.server.migration
|Path: cpmsftngxa07.phx.gbl
|Xref: cpmsftngxa07.phx.gbl microsoft.public.windows.server.migration:7739
|NNTP-Posting-Host: tk2msftngxa14.phx.gbl 10.40.1.166
|X-Tomcat-NG: microsoft.public.windows.server.migration

|
|Joe,

|
|You and Tom are above my level concerning the topic. I
|have a single NT 4.0 domain located in one building,
|nothing fancy...I have 20 some XP workstations but five
|98 that my boss won't give me the cash to upgrade. Will
|the 98 workstations work once I upgrade fm NT 4.0 to 2003?

|
|As a bonus question, is there simple (yeah, right!)
|documentation that will provide me high level steps to
|upgrade fm NT 4.0 to 2003 and Exchange 5.5 to Exchange
|2003?

|
|thanks!!

|steve

|>-----Original Message-----

|>Hello,

|>

|>Thank you for your post.

|>

|>We can install Directory Services Client on these
|Windows 98 systems.

|>

|>The Directory Services Client for Windows 9X systems is
|included on the

|>Windows 2000 CD-ROM as Clients\Win9x\Dsclient.exe. You
|can use it to

|>install DSClient on these Windows 9X clients. The NTLM 2
|support will be

|>automatically installed as well.

|>

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|client as a hotfix.

|>Please refer to the following Knowledge Base article:

|>

|>323466 Availability of the Directory Services Client
|Update for Windows 95

|>and

|><http://support.microsoft.com/?id=323466>

|>

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|Product Support

>Services directly to obtain the latest Directory

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>

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>

>[http://support.microsoft.com/default.aspx?scid=fh:EN-](http://support.microsoft.com/default.aspx?scid=fh:EN-US;PHONENUMBERS)

|US;PHONENUMBERS

>

>NOTE: If you contact Microsoft to obtain this fix, a fee

|may be charged.

>However, unless you request additional technical

|support, this fee is

>refundable.

>

>I hope this information helps. Thanks!

>

>Regards,

>Joe Wu

>Product Support Services

>Microsoft Corporation

>

>Get Secure! – www.microsoft.com/security

>

>=====

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>that others may learn and benefit from your issue.

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|confers no rights.

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>-----

>|Content-Class: urn:content-classes:message

>|From: "Tom" <anonymous@discussions.microsoft.com>

>|Sender: "Tom" <anonymous@discussions.microsoft.com>

>|Subject: Windows 9X clients?

>|Date: Tue, 10 Feb 2004 15:15:53 -0800

>|Lines: 4

>|Message-ID: <[d87a01c3f02b\\$d439bec0\\$a101280a@phx.gbl](mailto:d87a01c3f02b$d439bec0$a101280a@phx.gbl)>

>|MIME-Version: 1.0

>|Content-Type: text/plain;

>| charset="iso-8859-1"

>|Content-Transfer-Encoding: 7bit

>|X-Newsreader: Microsoft CDO for Windows 2000

>|Thread-Index: AcPwK9Q5qkeGU9kUTwGoJyBqVmVjOg==

>|X-MimeOLE: Produced By Microsoft MimeOLE V5.50.4910.0300

>|Newsgroups: microsoft.public.windows.server.migration

>|Path: cpmsftngxa07.phx.gbl

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microsoft.public.windows.server.migration: RE: Windows 9X clients?

>|Xref: cpmsftngxa07.phx.gbl

|microsoft.public.windows.server.migration:7706

>|NNTP-Posting-Host: tk2msftngxa09.phx.gbl 10.40.1.161

>|X-Tomcat-NG: microsoft.public.windows.server.migration

>|

>|Was there not a connector or something like that for

>|clients that were not 2000pro & Xp? (for logging into

>|2003 server)

>|Tom

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>|.

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