

Re: Redirect problems to remote client

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- *From:* v-natliu@xxxxxxxxxxxxxxxxxxxxxxxx ("Nathan Liu [MSFT]")
 - *Date:* Thu, 02 Feb 2006 08:52:25 GMT
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Hi Paul,

Thanks for your kind update.

I'm glad to hear that things are working correctly for you now after we opened the TCP port 445.

Additionally, please kindly note that the TCP port 139 is used for NetBIOS Session Services. Considering the current condition, if all things are working perfectly, we can don't open the TCP port 139. Thanks for the understanding. In addition, I am glad to provide the following related helpful information for your reference:

Net Logon

The Net Logon system service maintains a security channel between your computer and the domain controller to authenticate users and services. It passes the user's credentials to a domain controller and returns the domain security identifiers and user rights for the user. This is typically referred to as pass-through authentication. Net Logon is configured to start automatically only when a member computer or domain controller is joined to a domain. In the Windows 2000 Server and Windows Server 2003 families, Net Logon publishes service resource locator records in the DNS. When this service runs, it relies on the Server service and on the Local Security Authority service to listen for incoming requests. On domain member computers, Net Logon uses RPC over named pipes. On domain controllers, it uses RPC over named pipes, RPC over TCP/IP, mailslots, and Lightweight Directory Access Protocol (LDAP).

System service name: Netlogon Application protocol Protocol Ports
NetBIOS Datagram Service UDP 138
NetBIOS Name Resolution UDP 137
NetBIOS Session Service TCP 139
SMB TCP 445

Group Policy

To successfully apply Group Policy, a client must be able to contact a domain controller over the DCOM, ICMP, LDAP, SMB, and RPC protocols. If any one of these protocols are unavailable or blocked between the client and a relevant domain controller, policy will not apply or refresh. For a cross-domain logon, where a computer is in one domain, and the user account is in another, these protocols may be required for the client, the resource domain, and the account domain to communicate. ICMP is used for slow link detection. For more information about slow link detection, click the following article number to view the article in the Microsoft Knowledge Base:

227260 (<http://support.microsoft.com/kb/227260/>) How a slow link is

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detected for processing user profiles and Group Policy

System service name: Group PolicyApplication protocol Protocol Ports
DCOM TCP + UDP random port number between 1024 - 65534
ICMP (ping) UCP 20
LDAP TCP 389
SMB TCP 445
RPC TCP 135, random port number between 1024 - 65534

More detailed information:

Service overview and network port requirements for the Windows Server system
<http://support.microsoft.com/kb/832017>

I appreciate your time and cooperation.

Please do not hesitate to let me know if you have any further concerns, I am looking forward to hearing from you.

Have a nice day!

Best regards,

Nathan Liu (MSFT)
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Any input or comments in this thread are highly appreciated.

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