

## Domain Controller on Slow Link May Be Used for Domain Validation

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WINDOWS:95

WINDOWS

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The information in this article applies to:

- Microsoft Windows 95
- Microsoft Windows 95 OEM Service Release version 2

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IMPORTANT: This article contains information about editing the registry. Before you edit the registry, make sure you understand how to restore it if a problem occurs. For information about how to do this, view the "Restoring the Registry" Help topic in Regedit.exe or the "Restoring a Registry Key" Help topic in Regedt32.exe.

SYMPTOMS

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Under certain circumstances, it may be necessary to specify which domain controller should be used for domain validation. For example, a domain controller across a wide area network (WAN) link may respond first to a Windows 95 NETLOGON broadcast before a slower but topographically closer domain controller.

CAUSE

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Windows 95 uses a NETLOGON broadcast to locate available domain controllers. Because a domain controller across a slow link could respond more quickly than a local domain controller, login script processing could be handled over the slow link, resulting in a longer logon process.

RESOLUTION

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This issue is resolved by the following updated file for Windows 95 and OSR2:

MSNET32.DLL version 4.00.954 dated 10/02/97 4:40am 61,952 bytes

WARNING: Using Registry Editor incorrectly can cause serious problems that may require you to reinstall your operating system. Microsoft cannot guarantee that problems resulting from the incorrect use of Registry Editor can be solved. Use Registry Editor at your own risk.

For information about how to edit the registry, view the "Changing Keys And Values" Help topic in Registry Editor (Regedit.exe) or the "Add and Delete Information in the Registry" and "Edit Registry Data" Help topics in Regedt32.exe. Note that you should back up the registry before you edit it.

After you install the updated MSNET32.DLL file, you can specify the domain controller to use for domain validation on a computer-by-computer basis. To specify the domain controller to use for domain validation, follow these steps:

1. On the computer running Windows 95, run Registry Editor and add a key that corresponds to your domain name to the following key:

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HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\NetLogon\  
PreferredServer
```

For example, if the domain name is MyDomain, create the following key:

```
HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\NetLogon\  
PreferredServer\MyDomain
```

2. Add a String value named LogonServer to the key you created in step 1. Set the data value of the LogonServer value to the name of the domain controller you want to use for domain validation.

After you make this change, logon validation attempts to use the domain controller you specified when you attempt to log on to the specified domain.

STATUS  
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Microsoft has confirmed this to be a problem in Microsoft Windows 95 and OEM Service Release version 2. An update to address this problem is now available, but is not fully regression tested and should be applied only to computers experiencing this specific problem. Unless you are severely impacted by this specific problem, Microsoft does not recommend implementing this update at this time. Contact Microsoft Technical Support for additional information about the availability of this update.

Additional query words:

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