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Title	Network Retrieval of a Pro/ENGINEER Assembly Over a 100BaseT Network Connection Is Slower Than Retrieval of Same Assembly Over A 10BaseT Network Connection						
Product	Pro/ENGINEER	Module	RETRIEVAL	TPI ID	31947	Created	28-JAN-99
Workstation	Windows NT			Reported In Release	20.1	Reported In Datecode	98450
SPR	757929			Resolved In Release		Resolved In Datecode	
<div>Description</div> <div>-----</div> <div>Network retrieval of a Pro/ENGINEER assembly Over a 100BaseT network connection is slower than retrieval of same assembly over a 10BaseT network connection.</div> <div>Alternate Technique</div> <div>-----</div> <div>See Resolution below.</div> <div>Resolution</div> <div>-----</div> <div>This issue is not caused by Pro/ENGINEER. It is caused by a problem in Windows NT with listing the contents of a remote folder over TCP/IP.</div>							

This can be resolved by adding a value "SizReqBuf" to the registry on the machine acting as the file server.

***WARNING: PTC will not be responsible for damage done to a computer by incorrectly editing the registry. Using Registry Editor incorrectly can cause serious problems that may necessitate a re-installation of the 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 and also create an Emergency Repair Disk.

Add the SizReqBuf registry value using the following steps:

1. Run the registry editor by hitting the Start button->Run and type "regedt32"
2. In the registry editor, navigate to HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Services\LanmanServer\Parameters.
3. Select View and check "Tree and Data".
4. Click into the right half of the registry editor.
5. Select Edit, Add value.
6. Select the down arrow for "Data type" and change it to "REG_DWORD".
7. In the "Value Name" enter "SizReqBuf" and hit the OK button.
8. In the value dialog box select the "Decimal" value and enter 14596 in the field provided. Hit OK.
9. Exit the registry editor and re-start the machine.

Refer to <http://support.microsoft.com/support/kb/articles/Q177/2/66.asp> for more information and an explanation of the cause and resolution of this problem.

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