

# RE: Setting up NFS shares

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.file\\_system/2006-09/msg00042.html](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.file_system/2006-09/msg00042.html)

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- *From:* BobL <[divebikebob45@xxxxxxxxxxxxxxxx](mailto:divebikebob45@xxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 13 Sep 2006 14:44:01 -0700
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Vincent,

I tried what you suggested and I still get a permission denied message when I try to mount the share with a Solaris client.

Here is the CLI I tried...

Microsoft Windows [Version 5.2.3790]  
(C) Copyright 1985-2003 Microsoft Corp.

C:\Documents and Settings\Administrator>nfsshare /?  
The syntax of this command is:

```
nfsshare sharename=drive:path [-o ro[=client[:client ...]]
rw[=client[:client ...]]
na
root[=client[:client ...]]
noroot[=client[:client ...]]
anon=yes|no
anonuid=[Unmapped UID]
anongid=[Unmapped GID]
encoding=euc-jp|euc-tw|euc-kr|
shift-jis|big5|ksc5601|gb2312-80|ansi ]
{ euc-jp|euc-tw|euc-kr|shift-jis|big5
```

```
[ksc5601|gb2312-80|ansi}=client1[:client2..
..]
sharename [-o ro[=client[:client ...]]
rw[=client[:client ...]]
na
root[=client[:client ...]]
noroot[=client[:client ...]]
anon=yes|no
anonuid=[Unmapped UID]
anongid=[Unmapped GID]
encoding={ euc-jp|euc-tw|euc-kr|
shift-jis|big5|ksc5601|gb2312-80|ansi } ]
{ euc-jp|euc-tw|euc-kr|shift-jis|big5
```

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```
[ksc5601|gb2312-80|ansi}=client1[:client2..  
..]  
removeclient=client[:client ...]  
{sharename | drive:path} /delete
```

A client can be either a host or a client group.

```
C:\Documents and Settings\Administrator>nfsshare NFSTest=e:\NFSTest -o rw  
anon=y  
es  
NFSTest was shared successfully
```

```
C:\Documents and Settings\Administrator>ping solaris4
```

Pinging solaris4.ntmknt1.practice.com [192.168.1.33] with 32 bytes of data:

```
Reply from 192.168.1.33: bytes=32 time<1ms TTL=255  
Reply from 192.168.1.33: bytes=32 time<1ms TTL=255  
Reply from 192.168.1.33: bytes=32 time<1ms TTL=255  
Reply from 192.168.1.33: bytes=32 time<1ms TTL=255
```

```
Ping statistics for 192.168.1.33:  
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),  
Approximate round trip times in milli-seconds:  
Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
C:\Documents and Settings\Administrator>nfsshare e:\NFSTest /delete  
E:\NFSTest was deleted successfully
```

```
C:\Documents and Settings\Administrator>nfsshare NFSTest=e:\NFSTest -o rw  
anon=yes root=solaris4 anonuid=101  
NFSTest was shared successfully
```

```
C:\Documents and Settings\Administrator>nfsshare e:\NFSTest /delete  
E:\NFSTest was deleted successfully
```

```
C:\Documents and Settings\Administrator>nfsshare NFSTest=e:\NFSTest -o  
rw=solaris4 anon=yes root=solaris4 anonuid=101 anongid=10  
NFSTest was shared successfully
```

```
C:\Documents and Settings\Administrator>
```

Is the encoding something else for Solaris? What else can I do.

Can I do this without setting up User Mapping?

Thanks for your help.

--

BobL

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"Vincent Xu [MSFT]" wrote:

Hi Bob,

My suggestions are:

First, please check if the folder has been shared with the appropriate permissions. See:  
324089 HOW TO: Share Windows Folders by Using Server for NFS  
<http://support.microsoft.com/?id=324089>

1. Log on to the Windows-based server by using an administrative level account.
2. Start Windows Explorer.
3. Right-click the folder that you want to share, and then click Sharing.  
Note: Before sharing the folder, make sure the share has everyone full controller on the shared folder.
4. Click the NFS Sharing tab, and then click Share this folder.
5. Configure the appropriate settings, and then click OK.

NOTE: Microsoft recommends that you install at least one User Name Mapping service on your network to map UNIX and Windows user names to each other. Please view our Kb article about User Name Mapping service:  
324073 HOW TO: Configure the User Name Mapping Service  
<http://support.microsoft.com/?id=324073>

Next, I recommend that we use the Client for NFS to re-examine its NTFS permissions. The following articles will be helpful:  
324546 HOW TO: Use the Client for NFS to Set the NFS Permissions for a File  
or  
<http://support.microsoft.com/?id=324546>

Additional readings:

=====  
262984 Configuring Server for NFS File Security Permissions  
<http://support.microsoft.com/?id=262984>

231964 NFS Server and File Permissions  
<http://support.microsoft.com/?id=231964>

321712 HOW TO: Install Microsoft Windows Services for UNIX 3.0 on Microsoft  
<http://support.microsoft.com/?id=321712>

Hope this helps!

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Best regards,

Vincent Xu  
Microsoft Online Partner Support

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Thread-Topic: Setting up NFS shares  
thread-index: AcbTpLaRjGhyFo+T9WONSouaoTj1A==  
X-WBNR-Posting-Host: 130.76.64.93  
From: =?Utf-8?B?Qm9iTA==?  
<divebikebob45@xxxxxxxxxxxxxx>  
Subject: Setting up NFS shares  
Date: Fri, 8 Sep 2006 17:13:01 -0700  
Lines: 15  
Message-ID:  
<14D0D25E-E7E9-4878-A61D-6B705D4868C1@xxxxxxxxxxxxxx>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Utf-8"  
Content-Transfer-Encoding: 7bit  
X-Newsreader: Microsoft CDO for Windows 2000  
Content-Class: urn:content-classes:message  
Importance: normal  
Priority: normal  
X-MimeOLE: Produced By Microsoft MimeOLE  
V6.00.3790.1830  
Newsgroups: microsoft.public.windows.file\_system  
Path: TK2MSFTNGXA01.phx.gbl  
Xref: TK2MSFTNGXA01.phx.gbl  
microsoft.public.windows.file\_system:9747  
NNTP-Posting-Host: TK2MSFTNGXA01.phx.gbl  
10.40.2.250  
X-Tomcat-NG: microsoft.public.windows.file\_system

Hi,

I am trying to setup some simple NFS shares on Windows

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Server 2003  
Enterprise 64bit R2 to do some interoperability testing in a  
lab

environment.

I can create the share using the NFS sharing tab. I am testing  
interoperability with Sun Solaris.

Everytime I try to mount the NFS share setup on the  
Windows 2003 server I  
get a permission denied error.

Anyone have some basic tips as to how to set this up?

Thanks.

—

BobL