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[Access Denied when Copying/Moving/Deleting](#)

by [notchy](#) » Sat Feb 05, 2011 3:47 am

I'm relatively new to Freenas. I know the issue would be due to permissions but I had this all working before and I had my freenas rebooted and now I'm unable to copu/delete folders within Windows.

If I logon to Freenas webGui I can use the filemanger and copy/move/delete files within the directory.

Please assist with me getting back my settings.
Here are the specs on the Freenas release I have.

```
Hostname freenas.local
Version 0.7.2 Sabanda (revision 5266)
Built on Sat Jul 31 14:41:06 CEST 2010
OS Version FreeBSD 7.3-RELEASE-p2 (revision 199506)
Platform i386-embedded on Intel(R) Pentium(R) 4 CPU 3.00GHz
```

[Re: Access Denied when Copying/Moving/Deleting](#)

by [axel_2078](#) » Sat Feb 05, 2011 4:32 pm

Are you familiar with the unix command line? If not, I suggest you learn the basics. You can fix this by changing the permissions of the folder in question to 777. Then you can do whatever you want from within Windows. If you don't have Putty installed on your Windows machine, I'd recommend you do it and enable shell access within your FreeNAS. Anyway, say the name of the folder is temp and resides under /mnt/data/temp. At the command line, you'd type in (as root) "chmod 777 /mnt/data/temp" without the quotes.

[Re: Access Denied when Copying/Moving/Deleting](#)

by [notchy](#) » Sun Feb 06, 2011 4:22 pm


So I installed putty and accessed SSH to Freenas.
Logon as "root"

when I run the command "chmod 777 /mnt/RAID5Storage"

I'm expecting that when I access the folder in Windows Vista, that I can copy a file within that folder but I still get "Access Denied".

I have added a screen print of the command, just in case if I typed something incorrect.
Any more help please?

Attachments



```
192.168.1.149 - PuTTY
login as: root
root@192.168.1.149's password:
Last login: Sun Feb  6 12:04:16 2011 from 192.168.1.128
Copyright (c) 1980, 1983, 1986, 1988, 1990, 1991, 1993, 1994
The Regents of the University of California. All rights reserved.

Welcome to FreeNAS!

freenas:~# chmod 777 /mnt/RAID5Storage
freenas:~#
```

Putty Chmod 777

Putty Logon.jpg (26.57 KiB) Viewed 443 times

[Re: Access Denied when Copying/Moving/Deleting](#)

by [axel_2078](#) » Sun Feb 06, 2011 7:48 pm

Can you run the following command and post the results?

Code: [Select all](#)

```
ls -l /mnt/RAID5Storage
```

Is this the actual folder where the data resides that you're sharing out?

[Re: Access Denied when Copying/Moving/Deleting](#)

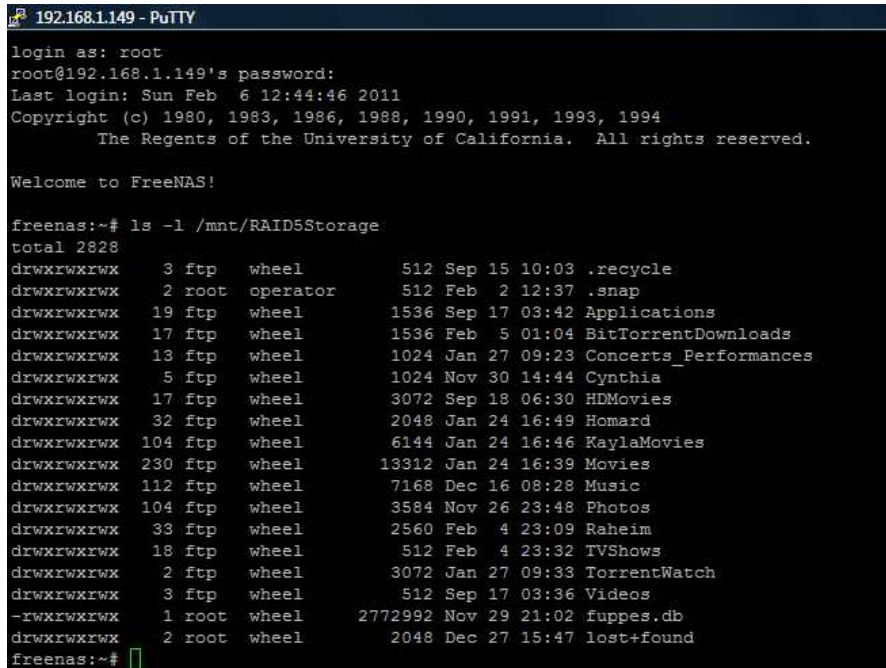
by [notchy](#) » Sun Feb 06, 2011 8:15 pm

Thanks axel_2078 for your response,

the folder is where I want to share all my subfolders.

Please see the attachment of the command I ran.

Attachments



```
192.168.1.149 - PuTTY
login as: root
root@192.168.1.149's password:
Last login: Sun Feb  6 12:44:46 2011
Copyright (c) 1980, 1983, 1986, 1988, 1990, 1991, 1993, 1994
The Regents of the University of California. All rights reserved.

Welcome to FreeNAS!

freenas:~# ls -l /mnt/RAID5Storage
total 2828
drwxrwxrwx  3 ftp  wheel      512 Sep 15 10:03 .recycle
drwxrwxrwx  2 root operator   512 Feb  2 12:37 .snap
drwxrwxrwx 19 ftp  wheel     1536 Sep 17 03:42 Applications
drwxrwxrwx 17 ftp  wheel     1536 Feb  5 01:04 BitTorrentDownloads
drwxrwxrwx 13 ftp  wheel     1024 Jan 27 09:23 Concerts_Performances
drwxrwxrwx  5 ftp  wheel     1024 Nov 30 14:44 Cynthia
drwxrwxrwx 17 ftp  wheel     3072 Sep 18 06:30 HDMovies
drwxrwxrwx 32 ftp  wheel     2048 Jan 24 16:49 Homard
drwxrwxrwx 104 ftp wheel     6144 Jan 24 16:46 KaylaMovies
drwxrwxrwx 230 ftp wheel    13312 Jan 24 16:39 Movies
drwxrwxrwx 112 ftp wheel     7168 Dec 16 08:28 Music
drwxrwxrwx 104 ftp wheel     3584 Nov 26 23:48 Photos
drwxrwxrwx 33 ftp  wheel     2560 Feb  4 23:09 Raheim
drwxrwxrwx 18 ftp  wheel     512 Feb  4 23:32 TVShows
drwxrwxrwx  2 ftp  wheel     3072 Jan 27 09:33 TorrentWatch
drwxrwxrwx  3 ftp  wheel     512 Sep 17 03:36 Videos
-rwxrwxrwx  1 root wheel    2772992 Nov 29 21:02 fuppes.db
drwxrwxrwx  2 root wheel     2048 Dec 27 15:47 lost+found
freenas:~#
```

Clipboard01.jpg (44.93 KiB) Viewed 436 times

[Re: Access Denied when Copying/Moving/Deleting](#)

by [axel_2078](#) » Sun Feb 06, 2011 8:41 pm

Your permissions look correct. Can you post a screenshot of your Samba settings in the Web GUI?

[Re: Access Denied when Copying/Moving/Deleting](#)

by [notchy](#) » Sun Feb 06, 2011 8:51 pm

here are 2 attachments.

Attachments

Services | CIFS/SMB | Settings

Settings		Shares
Common Internet File System		<input checked="" type="checkbox"/> Enable
Authentication	Anonymous	
NetBIOS name	SHAOLIN00	
Workgroup	KUNGFU	Workgroup the server will appear to be in when queried by clients (maximum 15 characters).
Description	FreeNAS Server	Server description. This can usually be left blank.
Dos charset	CP437	
Unix charset	UTF-8	
Log Level	Minimum	
Local Master Browser	Yes	Allows FreeNAS to try and become a local master browser.
Time server	Yes	FreeNAS advertises itself as a time server to Windows clients.
Advanced settings		
Guest account	ftp	Use this option to override the username ('ftp' by default) which will be used for access to services which are specified as guest. Whatever privileges this user has will be available to any client connecting to the guest service. This user must exist in the password file, but does

Clipboard01_a.jpg (43.24 KiB) Viewed 435 times.

[Re: Access Denied when Copying/Moving/Deleting](#)

by [notchy](#) » Sun Feb 06, 2011 8:52 pm

Oops forgot the 2nd file. Here's the remainder of the print screen.

Attachments

	not require a valid login.
Create mask	111 Use this option to override the file creation mask (0666 by default).
Directory mask	000 Use this option to override the directory creation mask (0777 by default).
Send Buffer Size	65536 Size of send buffer (64240 by default).
Receive Buffer Size	65536 Size of receive buffer (64240 by default).
Large read/write	<input checked="" type="checkbox"/> Enable large read/write Use the new 64k streaming read and write variant SMB requests introduced with Windows 2000.
Use sendfile	<input checked="" type="checkbox"/> Enable use sendfile. This may make more efficient use of the system CPU's and cause Samba to be faster. Samba automatically turns this off for clients that use protocol levels lower than NT LM 0.12 and when it detects a client is Windows 9x.
EA support	<input type="checkbox"/> Enable extended attribute support Allow clients to attempt to store OS/2 style extended attributes on a share.
Store DOS attributes	<input checked="" type="checkbox"/> Enable store DOS attributes If this parameter is set, Samba attempts to first read DOS attributes (SYSTEM, HIDDEN, ARCHIVE or READ-ONLY) from a filesystem extended attribute, before mapping DOS attributes to UNIX permission bits. When set, DOS attributes will be stored onto an extended attribute in the UNIX filesystem, associated with the file or directory.
Null passwords	<input checked="" type="checkbox"/> Allow client access to accounts that have null passwords.
Asynchronous I/O (AIO)	<input checked="" type="checkbox"/> Enable Asynchronous I/O (AIO)
AIO read size	5 Samba will read from file asynchronously when size of request is bigger than this value. (1 by default)
AIO write size	5 Samba will write to file asynchronously when size of request is bigger than this value. (1 by default)

Clipboard02.jpg (58.92 KiB) Viewed 435 times

[Re: Access Denied when Copying/Moving/Deleting](#)

by [axel_2078](#) » Sun Feb 06, 2011 9:01 pm

Ok, it looks like you've tinkered with your Samba settings quite a bit and I don't know if this is the reason for your problems or not, but my settings differ for yours. I'll post the differences below.

Create Mask: blank on mine
Directory Mask: blank on mine
Send buffer size: 64240 (the default)
Receive buffer size: 64240 (the default)
Store DOS Attributes: not checked on mine
AIO read size: 1
AIO write size: 1

While I can't guarantee those settings will work for you, that is what I have and I don't have any problems accessing Samba shares.

[Re: Access Denied when Copying/Moving/Deleting](#)

by [notchy](#) » Sat Feb 12, 2011 3:54 am

Well folks,
After countless days and hours trying different chmod and chown commands, the issue was under GUI
"Services\CIFS\SMB\Share\Edit"

"Set read only" was checked .. Unchecked it and now everything is fine.

that is odd considering i was able to modify files before. I'm not sure why or how or when i checked that parameter off but i must have done it at some point trying to fix something and just made things worse.

So it looks like if this parameter is checked, this supercedes the chmod command. it makes sense since those are unix commands and CIFS/SMB is the windows file server, so settings in those areas will apply only to windows clients/access.