Having trouble trying to set permissions to one share

Posted: **Sun Jan 24, 2010 8:42 pm**
by **boodaddy**
I am having alot of trouble with setting up one share to authenticate.

I have the following in my SMB/CIFS auxillary parameters:

Code: Select all
```
force group = wheel
force user = transmission
```

Here is a list of my shares and how they are setup (using CLI and SSH to get list)

Code: Select all
```
drwxrwxr-x   2 root    operator    512 Jan 17 16:09 .snap
drwxrwxrwx  30 ftp     wheel      3072 Jan 23 00:45 Applications
drwxrwxrwx   5 ftp     wheel       512 Jan 24 02:31 BitTorrent
drwxrwxrwx   4 ftp     wheel       512 Jan 17 16:17 Folder Redirection
drwxrwxrwx   3 ftp     wheel       512 Jan 24 00:02 Movies
drwxrwxrwx  38 music   ftp        1024 Jan 24 00:28 Music
drwxrwx---+  3 Lynn    Personal    512 Jan 24 15:29 Personal
drwxrwxrwx  17 ftp     wheel      1024 Jan 19 22:20 Pictures
drwxrwxrwx   6 ftp     wheel       512 Jan 24 02:34 SystemFiles
drwxrwxrwx  17 ftp     wheel       512 Jan 24 00:19 Various Files
```

I have the user Lynn setup and belonging to wheel, I also have the group Personal setup in the users/groups tab. My problem is, I want to be able to have all of my shares open to the network with no authentication. But, I would like the share "Personal" to be set to only allow user Lynn to read/write.
I havent been able to get the shares to work properly. I have tried mapping the drive on my WindowsXP box using this manner:

Code: Select all
```
net use z: \\freenas\Personal /USER:Lynn password
```

but everytime I try to access it, I get denied.

Can anyone help me with getting a one share setup to only allow one user, while the rest of the shares are set to allow anyone?

Re: Having trouble trying to set permissions to one share

Posted: **Mon Jan 25, 2010 6:09 am**
by **al562**
Hi boodaddy,

Welcome to FreeNAS forum.

> *boodaddy wrote:*I am having alot of trouble with setting up one share to authenticate.

That's because shares do not authenticate, it is the server that does the authentication.

> *boodaddy wrote:*I want to be able to have all of my shares open to the network with no authentication.

You mean with no CIFS/SMB authentication. Then you must turn CIFS/SMB authentication off.

> *boodaddy wrote:*But, I would like the share "Personal" to be set to only allow user Lynn to read/write.

Then you will have to adjust file/folder permissions so unauthenticated CIFS/SMB users have no access to "Personal" and

Lynn will have to use a *nix type client to access "Personal" (WinSCP, FileZilla, etc.).

> *boodaddy wrote:*I have tried mapping the drive on my WindowsXP box using this manner:

Mapping won't make aifference in your case since it is still using Windows to access the data.
FreeNAS is primarily a *nix type file server, CIFS/SMB allows Windows clients to access shared data in a pretty transparent manner. You need to decide how you want to administer your server and how you want Lynn to access it.

> *boodaddy wrote:*Can anyone help me with getting a one share setup to only allow one user, while the reset of the shares are set to allow anyone?

I assume you mean via CIFS/SMB. You will want "local user" authentication. You will want to get rid of your auxiliary parameters and set file and folder permissions on the shares back to their typical defaults. All users should have ftp as their primary and only group. The Personal folder should be owned by Lynn and wheel thus:

Code: Select all
```
drwxrwx---  3 Lynn   wheel   512 Jan 24 15:29 Personal
```

Lynn should have wheel as an additional group she belongs to. When you map the drive use Lynn's credentials. It would be easier if her Windows logon/password and FreeNAS logon/password were identical. This is because Windows always sends it's credentials by default.

Regards,
Al