

## FreeNAS - Bug #76557

**SMB shares with unix perms - UI "default perms" option only seen in advanced mode and ACL not restored if switch share type from Windows to Unix.**

02/22/2019 04:45 AM - Chris Burge

<b>Status:</b>	Closed	
<b>Priority:</b>	No priority	
<b>Assignee:</b>	Release Council	
<b>Category:</b>	GUI (new)	
<b>Target version:</b>	N/A	
<b>Seen in:</b>	11.2-U2	<b>Needs Merging:</b> Yes
<b>Severity:</b>	New	<b>Needs Automation:</b> No
<b>Reason for Closing:</b>	Behaves as Intended	<b>Support Suite Ticket:</b> n/a
<b>Reason for Blocked:</b>		<b>Hardware Configuration:</b>
<b>Needs QA:</b>	Yes	<b>ChangeLog Required:</b> No
<b>Needs Doc:</b>	Yes	

### Description

End users wanting to keep UNIX perms on a SMB shared dataset may not see the important "default permissions" checkbox unless the "advanced mode" button is pressed when creating/editing a Windows share.

The "default permissions" checkbox is auto set to on, meaning the dataset share type previously selected as "UNIX" is then set to "WINDOWS", reverting the unwary end user's choice. if the end user then resets the dataset share type back to "UNIX" the underlying ACL on the dataset is NOT correctly re-set.

See this forum post:

<https://forums.freenas.org/threads/11-2-u2-changes-how-smb-unix-share-permissions-work.73943/page-2#post-513109>

Please place the "default permissions" checkbox on the basic page, as was in the old UI.

### History

#1 - 02/25/2019 07:46 PM - Andrew Walker

if the end user then resets the dataset share type back to "UNIX" the underlying ACL on the dataset is NOT correctly re-set.

We actually do the right thing here. His example:

```
[chris@freenas /mnt/NasPool]$ getfacl winshare
# file: winshare
# owner: chris
# group: chris
   owner@:rwxpDdaARWcCos:fd-----:allow
   group@:rwxpDdaARWcCos:fd-----:allow
   everyone@:r-x---a-R-c---:fd-----:allow
```

Then performs chmod -R 755 on the directory and gets this:

```
# file: winshare
# owner: chris
# group: chris
   owner@:rwxpDdaARWcCos:fdi-----:allow
   group@:rwxpDdaARWcCos:fdi-----:allow
```

```
everyone@:r-x---a-R-c---fdi----:allow
owner@:rwxp--aARWCos:-----:allow
group@:r-x---a-R-c--s:-----:allow
everyone@:r-x---a-R-c--s:-----:allow
[chris@freenas /mnt/NasPool]$
```

It looks funny, but the *i* indicates that the extended ACEs are "inherit only" and not applied to the current file. The mode for the file has been correctly set per `chmod`. The advantage of doing things this way is that "`chmod`" isn't erasing the extended ACL. The old behavior he describes is wrong.

What we actually need is a GUI ACL editor.

## #2 - 02/28/2019 07:13 AM - Dru Lavigne

- Status changed from *Unscreened* to *Closed*
- Target version changed from *Backlog* to *N/A*
- Reason for Closing set to *Behaves as Intended*