11falsenonelisttrue

storageN

The use of `storageN` within these documents indicates that any storage platform can be used.

Current available storage platforms:

storage1

storage2

Using `mount`

This was tested on Ubuntu 16.04 with mount.cifs version 6.4 which is part of the `cifs.utils` package

Install `cifs.utils`:

Use the `id` command do find the local user's `uid` and `gid`, optional:

Issue the `mount` command with proper options and credentials:

If using a credentials file, be sure to format as follows, removing any line whitespace:

password= domain=ACCOUNTS.AD.WUSTL.EDU]]>

Variable replacement:

${VOLUME_NAME} should be replaced with the name of your Storage Platform volume.

<WASHU KEY ID> should be replaced with your WashU key ID.

<WASHU KEY PASSWORD> should be replaced with the password associated with your WashU key.

Using smbclient

Install `samba-client`

In the Debian family of operating systems (e.g. Debian, Ubuntu, etc.)

In the RedHat family of operating systems (e.g. RedHat, CentOS, etc.)

Empty the default samba configuration

secret < password= domain=ACCOUNTS.AD.WUSTL.EDU EOF]]>

Variable replacement:

<WASHU KEY ID> should be replaced with your WashU key ID.

<WASHU KEY PASSWORD> should be replaced with the password associated with your WashU key.

Use `smbclient` to connect to storage with the SMB3 protocol to your storage volume.

Or, to avoid recording credentials in a file:

-m SMB3 //storageN.ris.wustl.edu/${VOLUME_NAME} -c 'ls']]>

Variable replacement:

${VOLUME_NAME} should be replaced with the name of your Storage Platform volumn.

<WASHU KEY ID> should be replaced with your WashU key ID.

Enter `ACCOUNTS\$USER` password

Use `smbclient` to PUT data into storage

Variable replacement:

${VOLUME_NAME} should be replaced with the name of your Storage Platform volumn.

${VOLUME_NAME} should be replaced with the name of your Storage Platform volumn.