

TrueNAS Scale: Create dataset/share only displayed & accessible to authorized users

1. Create your pool (if you haven't already) under **Storage >> Create Pool**
2. Create your dataset under the pool (**3 dots >> Add Dataset**) and set *Share Type* to **SMB**
3. Create your new users (if you haven't already) under **Credentials >> Local Users** and just under the username, password, full name, and email (all other default settings are fine as long as **Samba Authentication** is checked at the bottom)
4. Go to **Shares >> Windows SMB Shares**
 - a. **Add** your share by selecting the directory tree under */mnt* and select your new dataset name
 - b. Click **Advanced Options** at the bottom
 - c. Under **Purpose** change *Default Share Parameters* to be **No presets**
 - d. Check off **Access Based Share Enumeration**
 - e. Click **Save** at the bottom
 - f. IF YOU NEED TO EDIT THIS LATER: Go to **Shares >> Windows SMB Shares** and you have to click on the name of the Share to access the options again
5. Go to **System Settings >> Shell** and enter the following command: `net usersidlist`
 - a. Under each user you will see the first line is something like `S-1-5-21-xxxxxxx-xxxxxxx-xxxxx-xxxxxxx` – this is the SID for each user which we will need later, make note of these SID's
6. Go to **Shares** and click the title **Windows SMB Shares**
 - a. Click the 3 dots on the right of the new share you want to restrict access to
 - b. Click **Edit Filesystem ACL**
 - c. Delete the **Group builtin_users** by clicking the **X** as this by default gives access to the share to anyone with a user account
 - d. Click the grey **Add Item** button
 - e. Under the **User** dropdown find your new user you want to grant access to
 - f. Under the **Permissions** dropdown change this to **FULL CONTROL**
 - g. *You can optionally add additional users to the list by repeating steps D-F*
 - h. Click the blue **Save Access Control List** to save your changes
7. Go back to **Shares** and click the title **Windows SMB Shares**
 - a. Click the 3 dots on the right of the new share you want to restrict access to
 - b. Click **Edit Share ACL**
 - c. Click the **X** beside the SID for **Everyone**
 - d. Click the grey **Add** button
 - e. Copy and paste the SID for the user you want to grant access to from **Step 5**
 - f. Under **Name** enter the name of the user
 - g. Change **Permission** to be **FULL**
 - h. Change the **Type** to be **ALLOWED**
 - i. *You can optionally add additional users to the list by repeating steps D-H*
 - j. Click the blue **Save** button