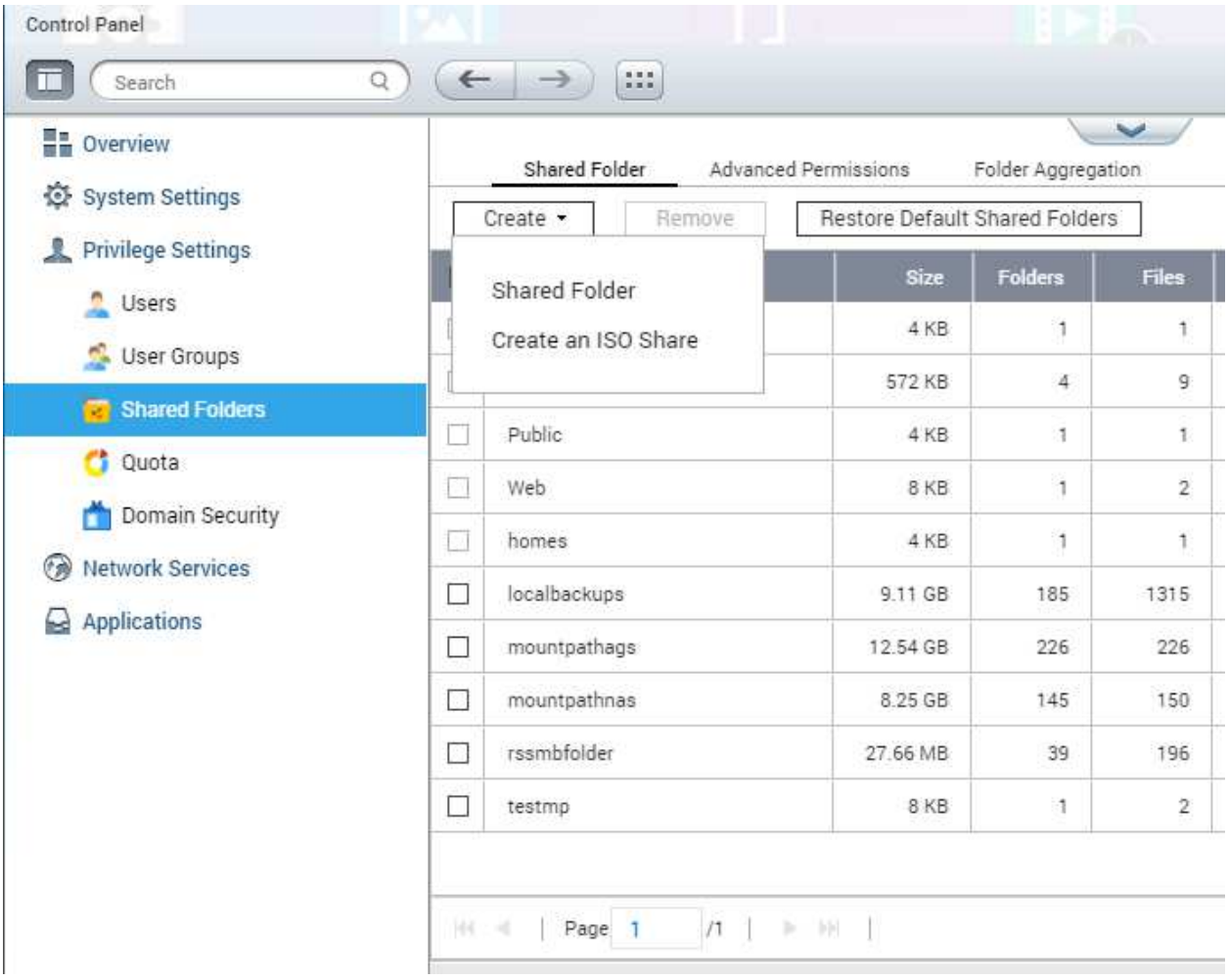
RingStor Cloud – Add NAS as MountPath in Cloud

This document specifies steps to add a network attached storage (NAS) into RingStor Cloud as a new MountPath.

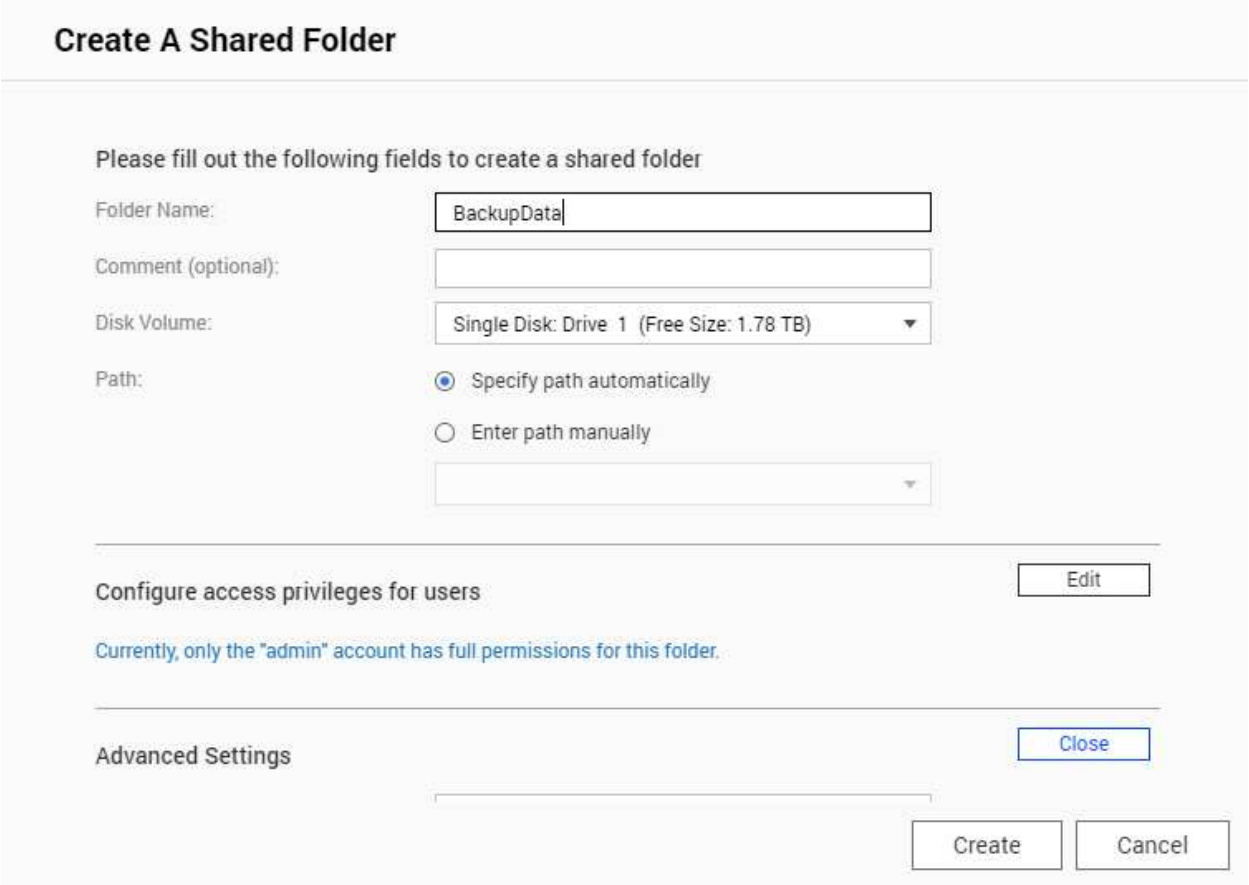
1. Create Shared Folder:

Each NAS device may have a slightly different approach to create a shared folder. The following is based on QNAP NAS.

Log into QNAP console, open Control Panel, click Privilege Settings -> Shared Folders, click Create button on right and choose Shared Folder.



Provide a folder name in next screen, click Create button to create the shared folder. The UNC path is in form of \\IP\folder, where IP is the NAS IP address, folder is the shared folder name.



The example above creates an UNC path as \\192.168.0.110\BackupData

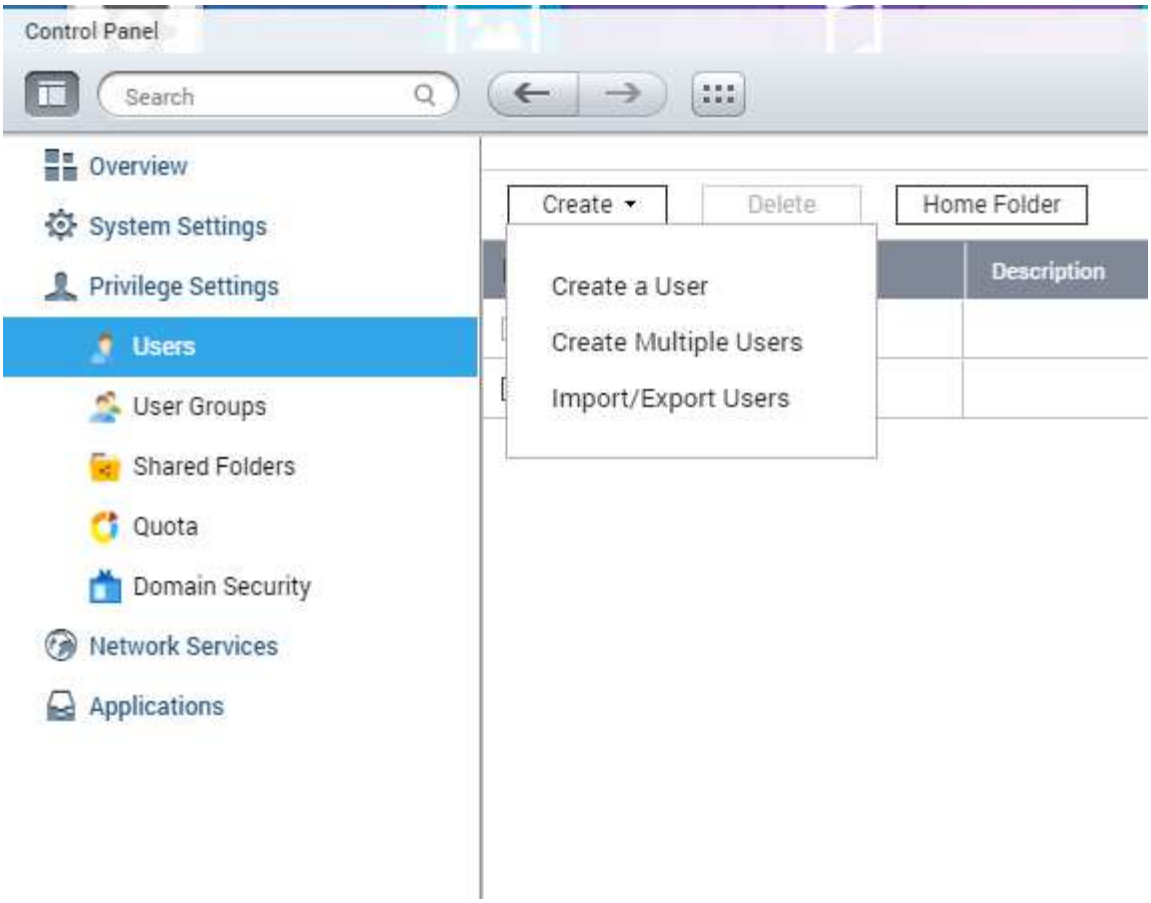
2. Create a NAS local user

Before creating a NAS local user to access the shared folder, make sure RingStor DataServer and its service account is setup properly:

1. The computer where RingStor DataServer is installed must be in a workgroup, not a domain
2. The RingStor DataServer service account must be a local admin user on the server.
3. Remote User Account Control (UAC) for RingStor DataServer service account might need reviewed and updated. On DataServer computer, follow instruction at :

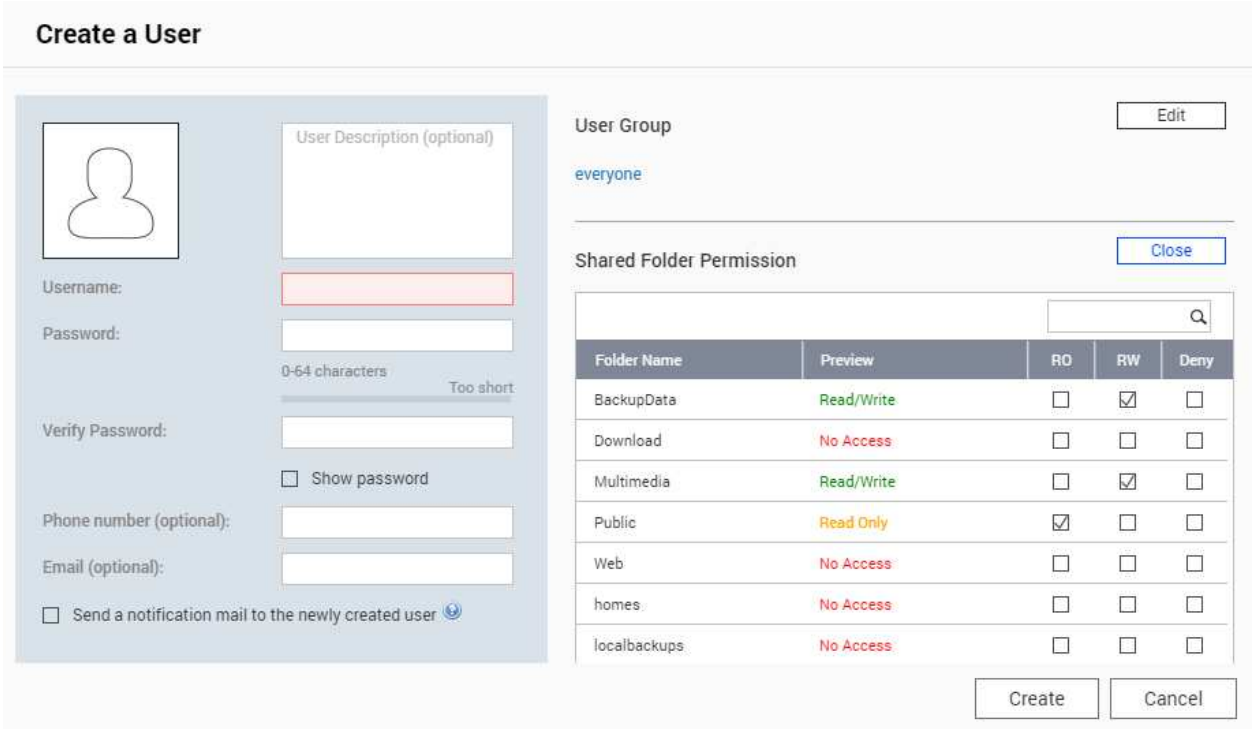
https://support.microsoft.com/en-us/help/942817/how-to-change-the-remote-uac-localaccounttokenfilterpolicy-registry-se

From NAS control panel, click Privilege Settings -> Users, click Create button on right and choose Create a User:



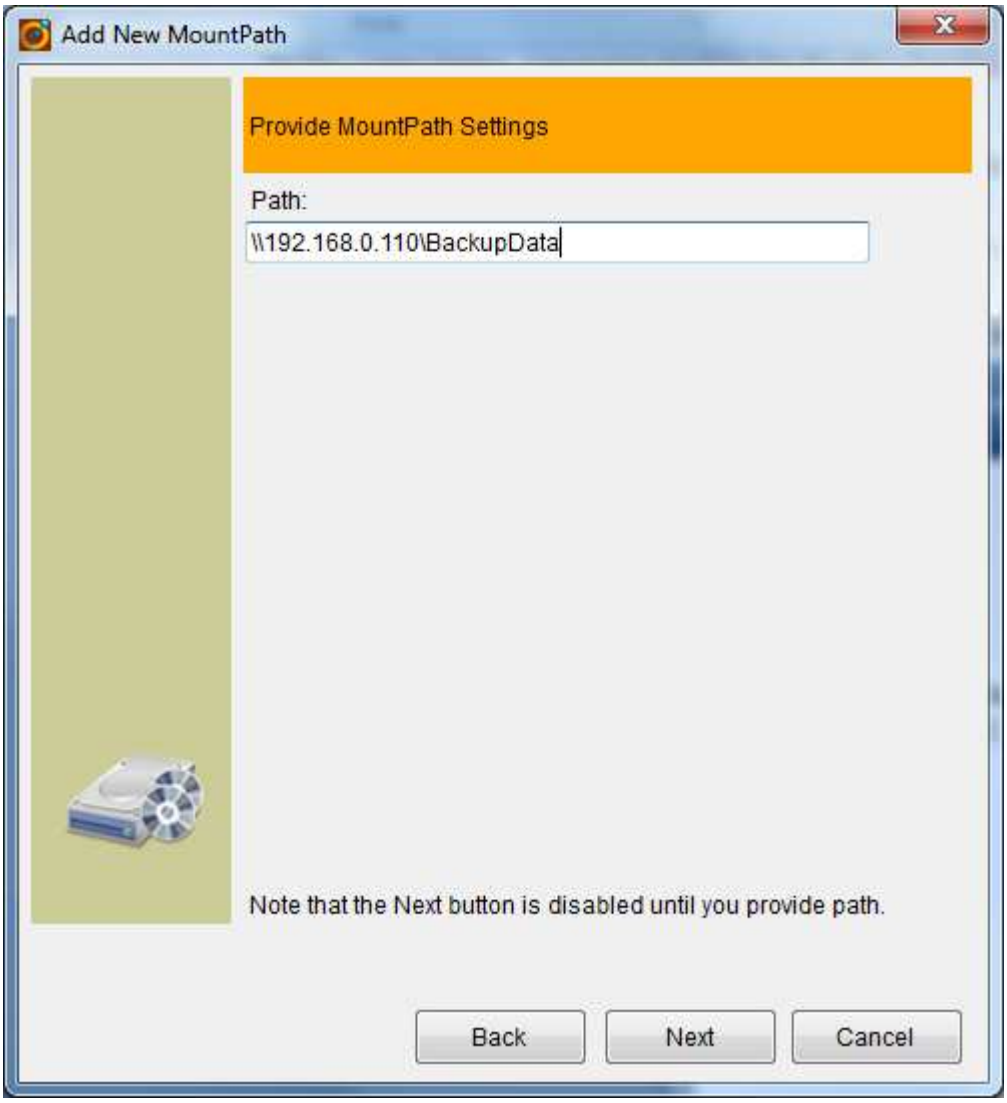
On next screen, Username must be the RingStor DataServer service account username, password must be service account password.

Click Edit button in Shared Folder Permission, grant RW (read and write) permission to shared folder created in step 1.



3. Create MountPath

Log into RingStor Explorer, from top menu, View -> Storage Explorer, drill down to proper community and MountPath pool, right click MountPath pool, choose Add New MountPath. On the screen below, provide UNC path to the shared folder.



Click Next to the end to add this new MountPath.

Tips:

Add HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Policies\System\LocalAccountTokenFilterPolicy as DWORD, and value=1

https://support.microsoft.com/en-us/help/951016/description-of-user-account-control-and-remote-restrictions-in-windows