

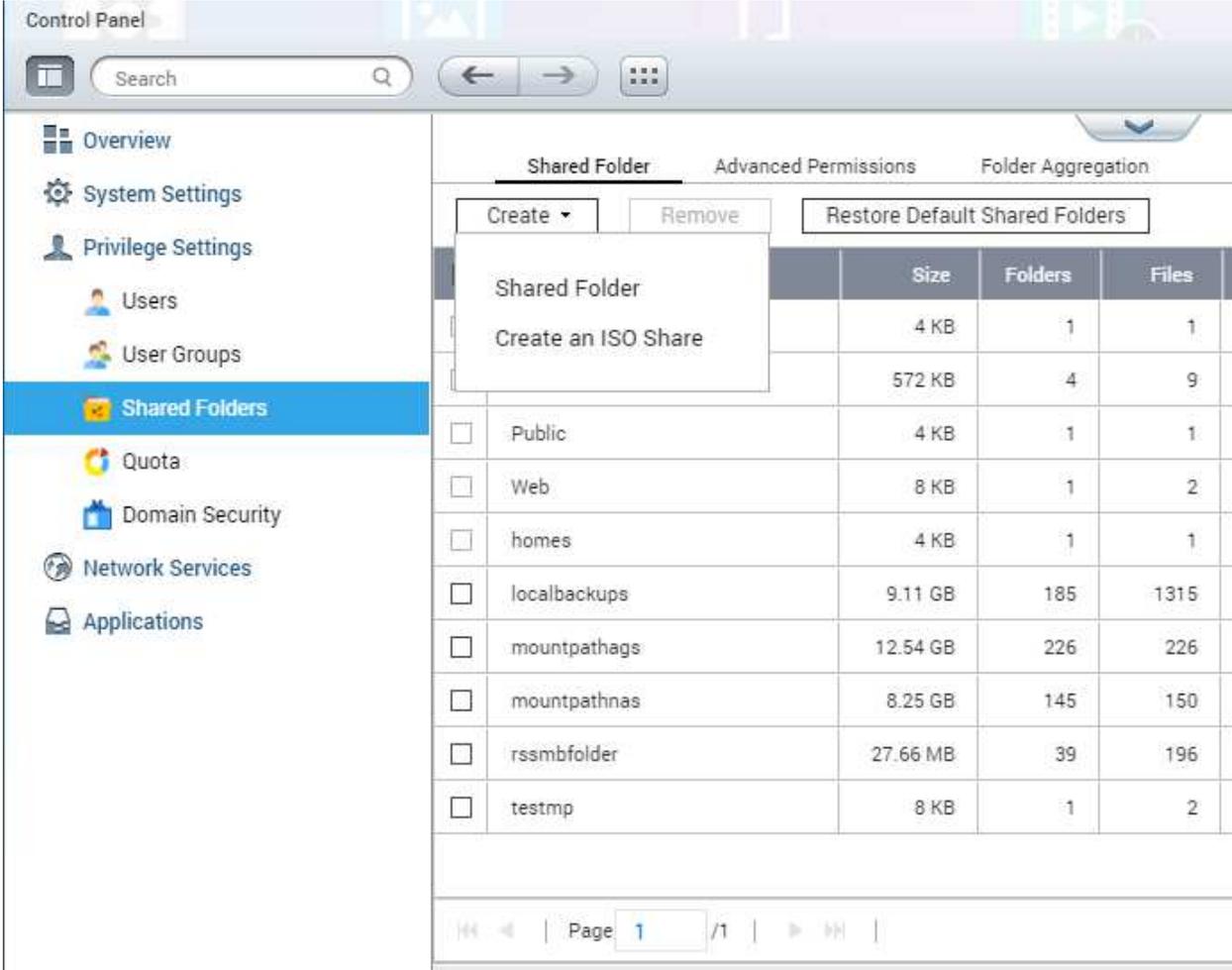
## RingStor Cloud – Add NAS as MountPath in Cloud

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.



The screenshot shows the QNAP Control Panel interface. The left sidebar contains navigation options: Overview, System Settings, Privilege Settings (Users, User Groups), Shared Folders (highlighted), Quota, Domain Security, Network Services, and Applications. The main content area is titled 'Shared Folder' and includes tabs for 'Advanced Permissions' and 'Folder Aggregation'. At the top of the main area are buttons for 'Create', 'Remove', and 'Restore Default Shared Folders'. The 'Create' dropdown menu is open, showing 'Shared Folder' and 'Create an ISO Share'. Below this is a table of shared folders:

		Size	Folders	Files
<input type="checkbox"/>	Public	4 KB	1	1
<input type="checkbox"/>	Web	8 KB	1	2
<input type="checkbox"/>	homes	4 KB	1	1
<input type="checkbox"/>	localbackups	9.11 GB	185	1315
<input type="checkbox"/>	mountpathags	12.54 GB	226	226
<input type="checkbox"/>	mountpathnas	8.25 GB	145	150
<input type="checkbox"/>	rssmbfolder	27.66 MB	39	196
<input type="checkbox"/>	testmp	8 KB	1	2

At the bottom of the page, there is a pagination control showing 'Page 1 / 1'.

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.

### Create A Shared Folder

Please fill out the following fields to create a shared folder

Folder Name:

Comment (optional):

Disk Volume:

Path:  Specify path automatically  
 Enter path manually

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Configure access privileges for users

Currently, only the "admin" account has full permissions for this folder.

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Advanced Settings

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

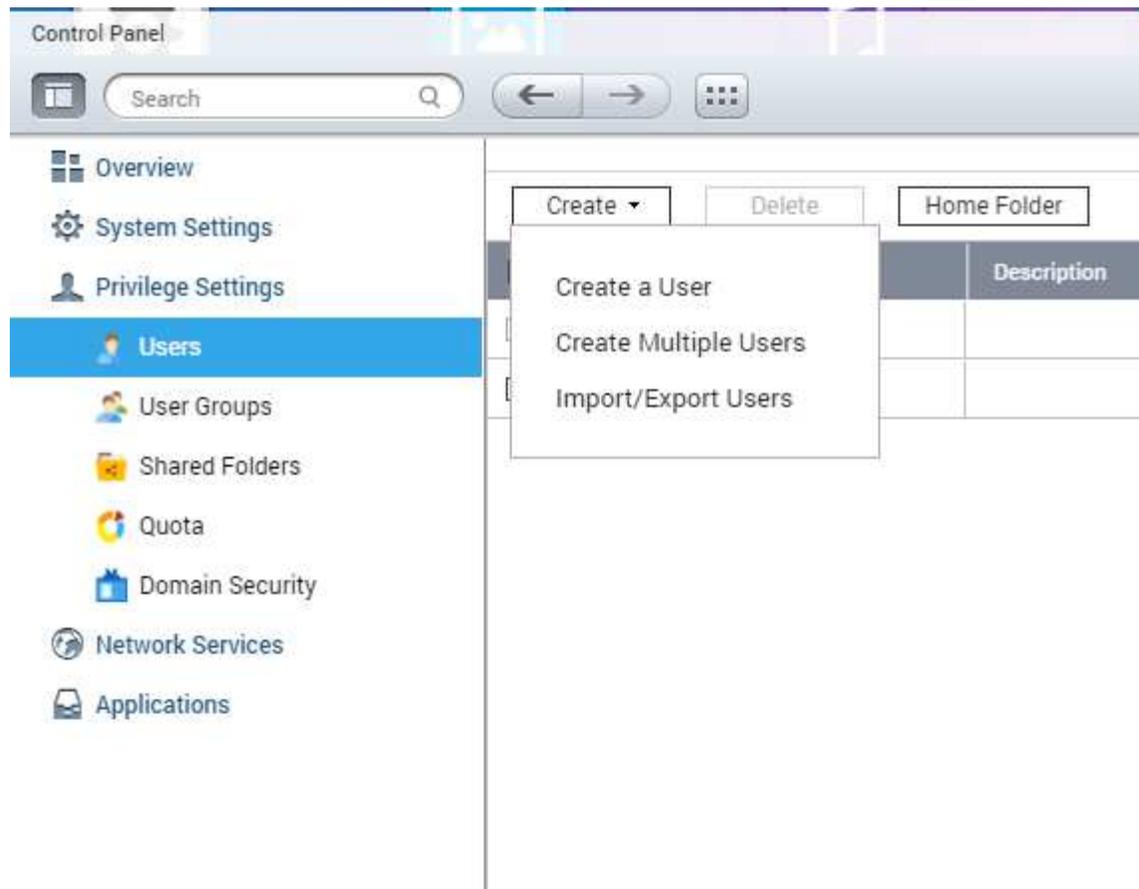
## 2. Create a NAS local user

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.

### Create a User



User Description (optional)

Username:

Password:

0-64 characters Too short

Verify Password:

Show password

Phone number (optional):

Email (optional):

Send a notification mail to the newly created user

**User Group** Edit

everyone

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**Shared Folder Permission** Close

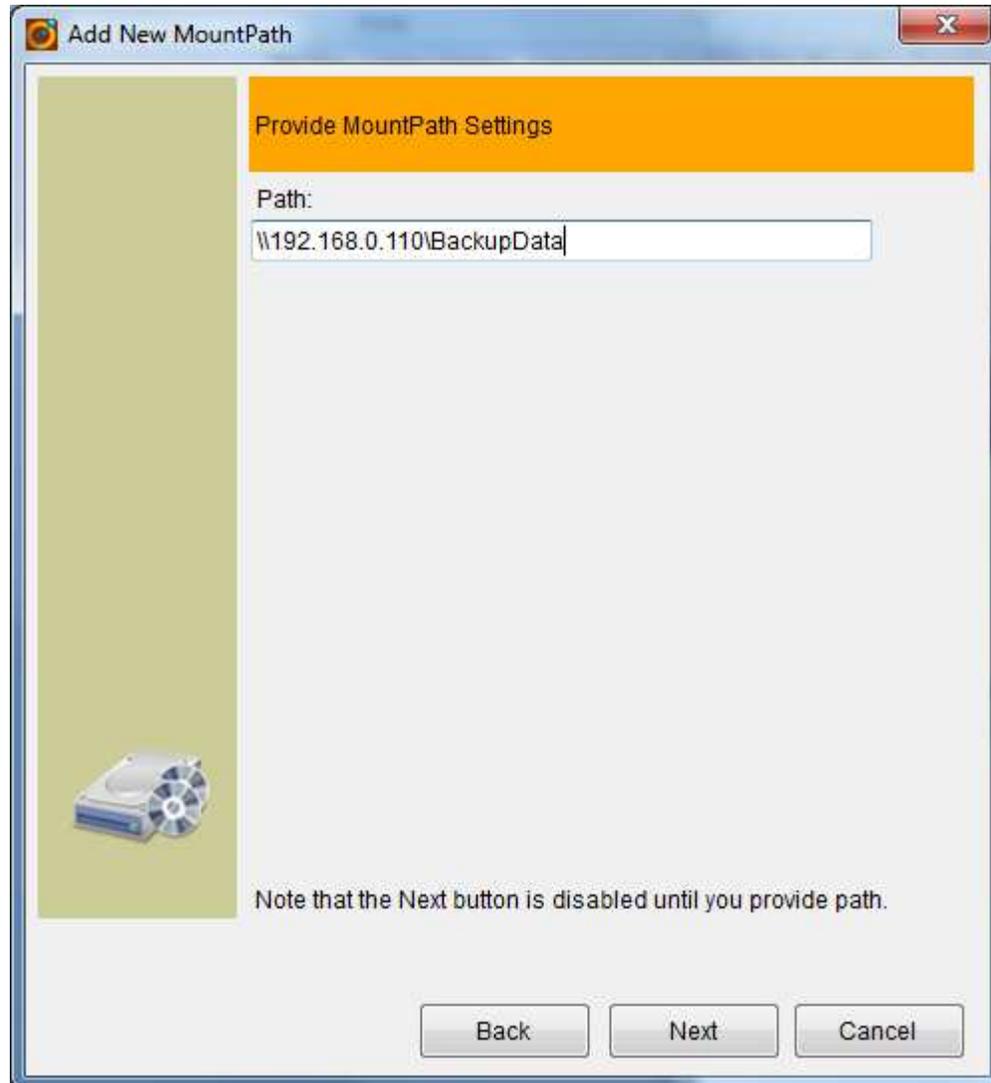
Q

Folder Name	Preview	RO	RW	Deny
BackupData	Read/Write	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Download	No Access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multimedia	Read/Write	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Public	Read Only	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Web	No Access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
homes	No Access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
localbackups	No Access	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Create
Cancel

### 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>

