QNAP®

Quick Start Guide

Of

Hikvision IP Camera & QNAP NAS Connection

QNAP, Inc.

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Tested Models
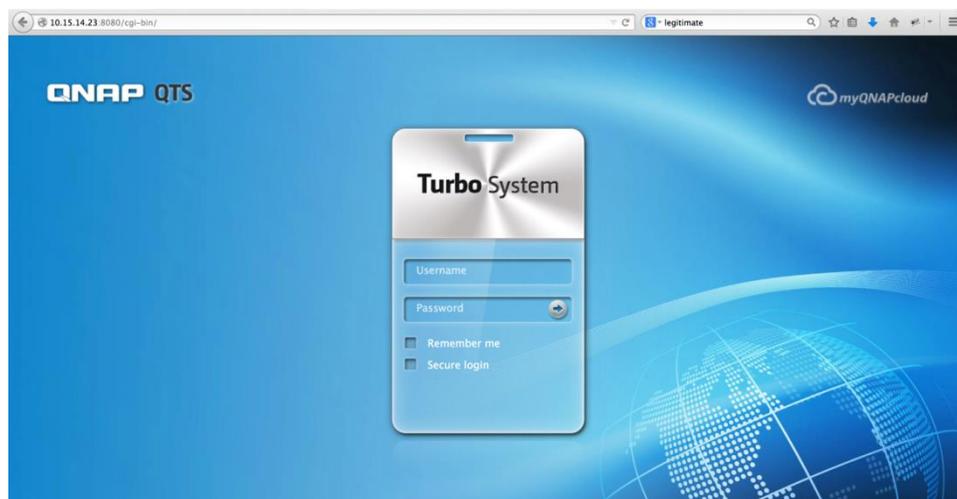**DC-2CD4132FWD-IZ**
DS-2CD2432F-IW

Tested NAS Firmware
QTS 4.1 or above

Adding QNAP Turbo NAS to DC-2CD4132FWD-IZ via SMB/CIFS
### Set up SMB/CIFS Service on QNAP Turbo NAS

1. Log onto the web page of QNAP Turbo NAS. In this example, the IP address of NAS is 10.15.14.23:8080 (default username/password: admin/admin)


2. Enable **Microsoft networking** service. Navigate to **Control Panel > Network Service > Win/Mac/NFS**. Check the box for **Enable file service for Microsoft networking**
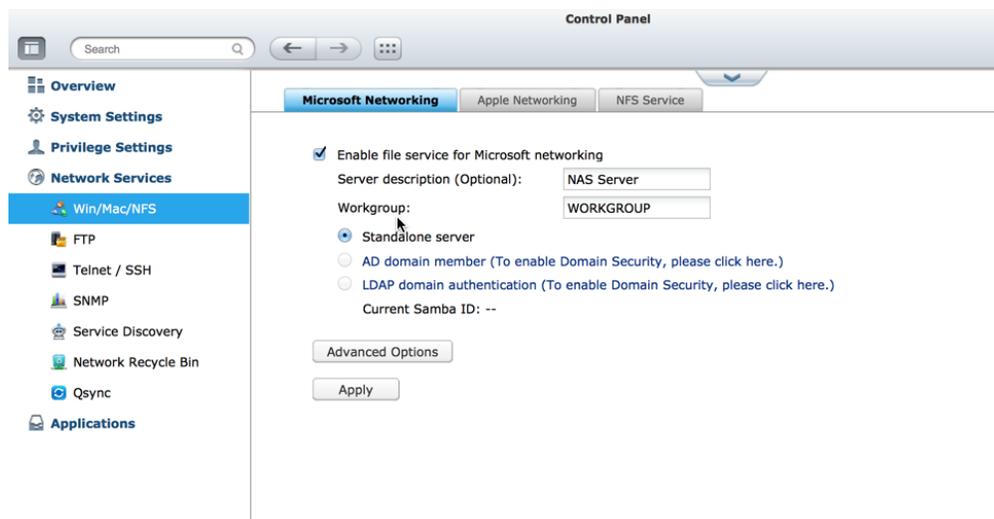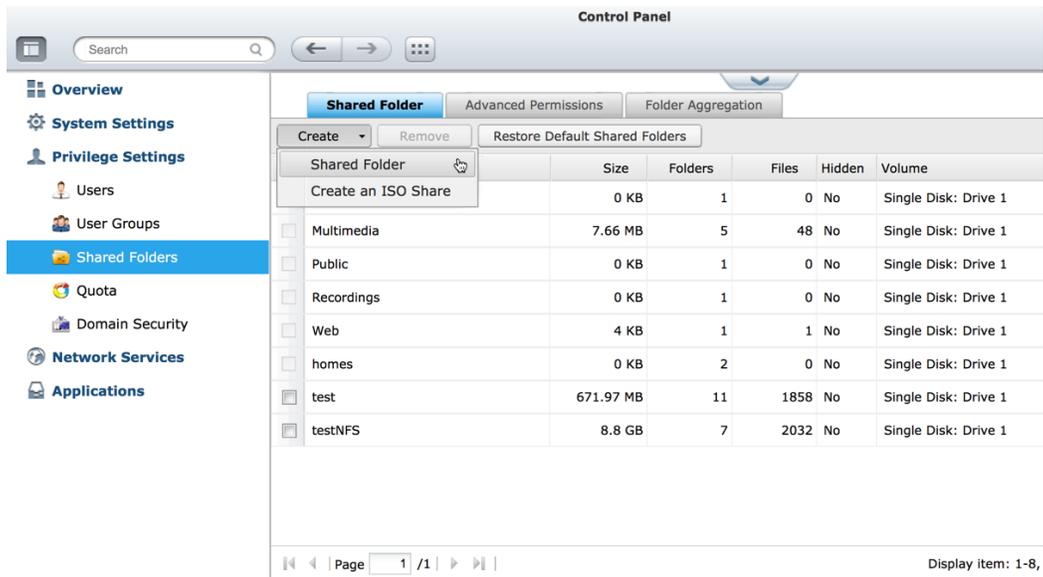
3. Open the Control Panel, and navigate to **Privilege Settings > Users**. **Click Create > Create a User** to start creating a user
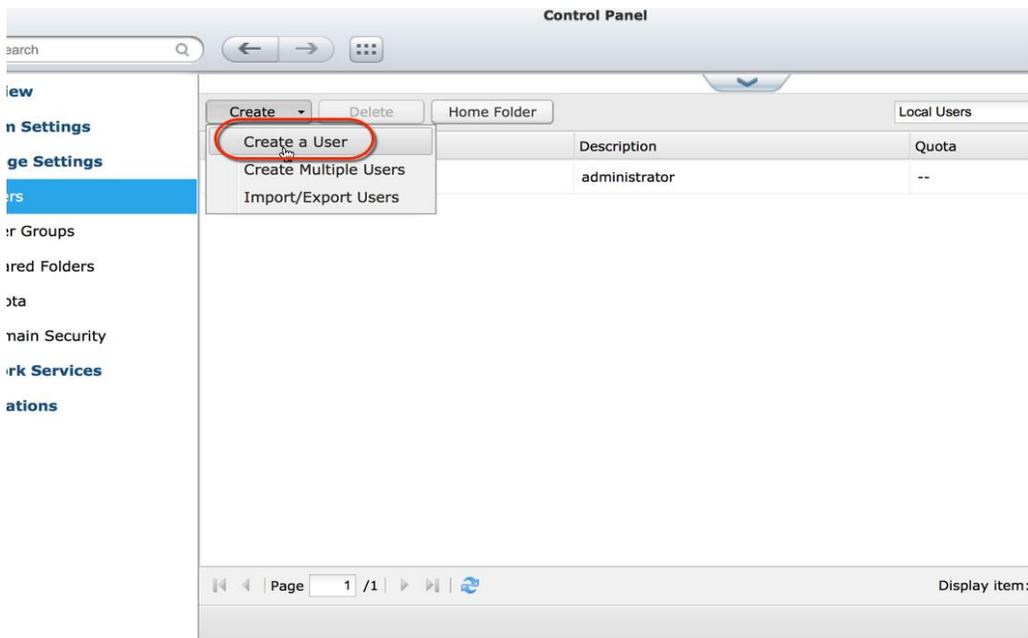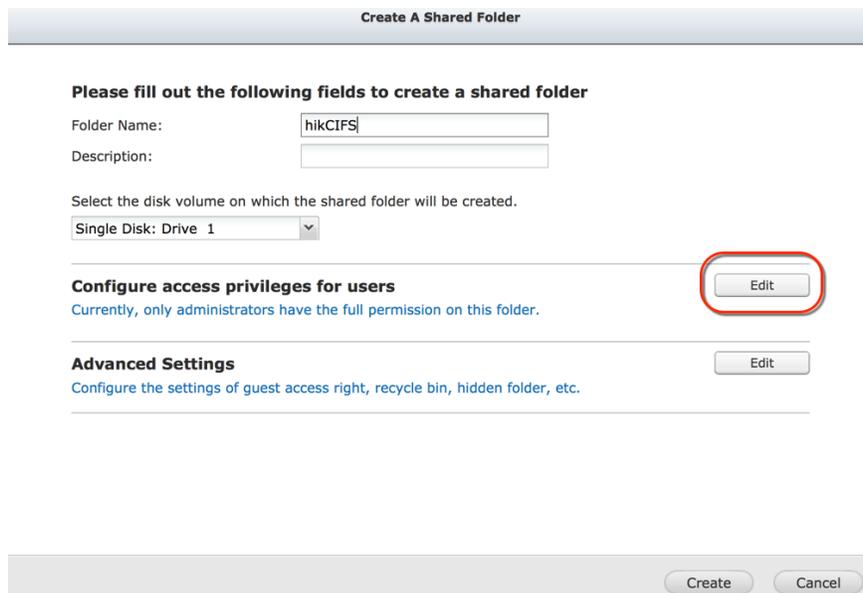

4. Enter username & password and press **Create** to create a user. Ex: hikcam. (*This will be used when setting up Hikvision's camera*)
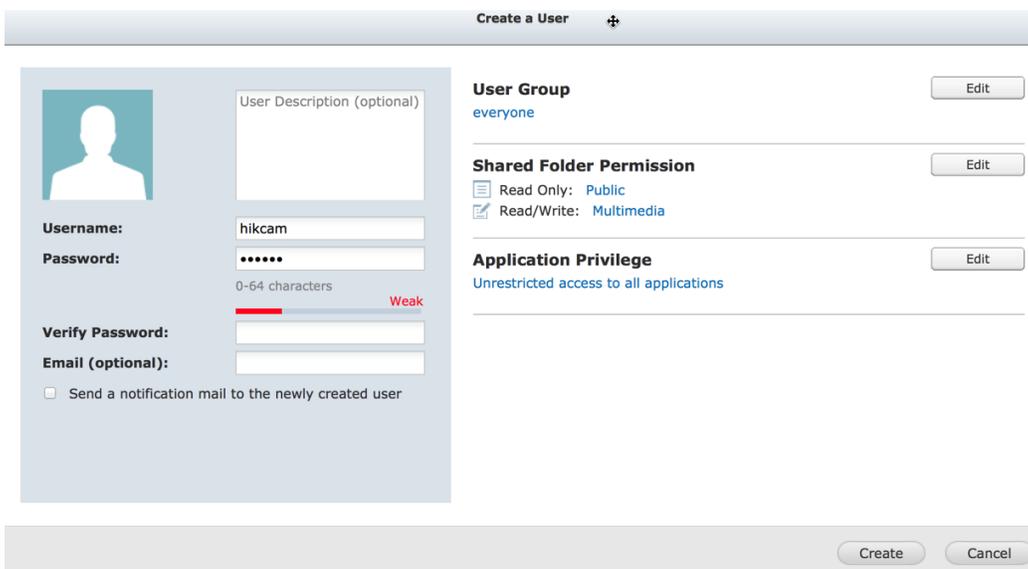
5. Navigate to **Privilege Settings > Shared Folders**, and click **Create** to start.

6. Enter the folder name (Ex: hikCIFS (*The folder name will be used when setting up the Hikvision's camera*)) for storing the video recording. Click **Edit** to modify the access privileges of the folder.

7. Enable the **RW (Read/Write)** access for the user (Ex: hikcam)
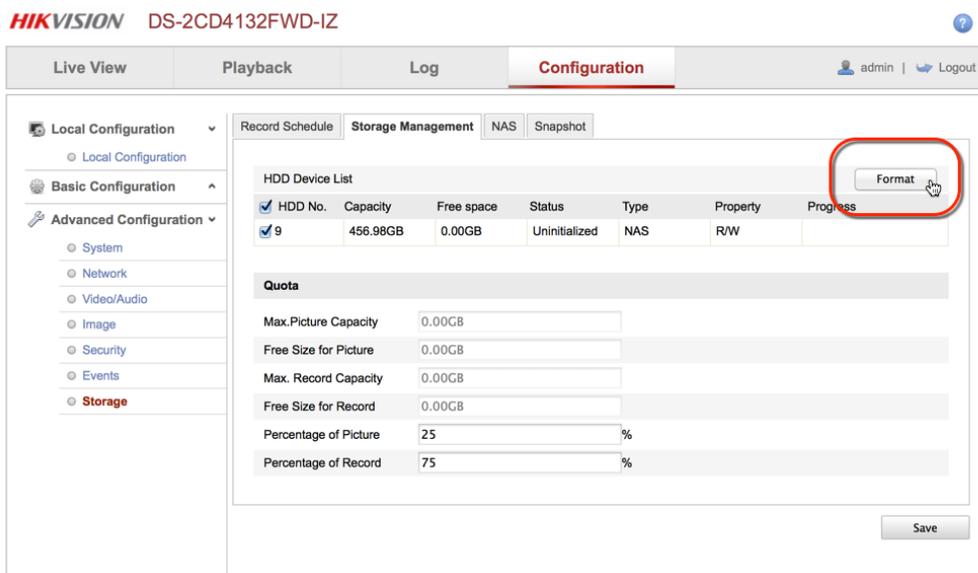
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Add NAS to Hikvision camera (DS-2CD4132FWD-IZ)

1. Log in web page of DS-2CD4132FWD-IZ. Navigate to **Advanced Configuration > Storage > NAS**. Enter the IP address of NAS. (**In this example, the IP address of NAS is 10.15.14.23**), the path of the share volume (**/hikCIF)***, username and the password (**hikcam/hikcam: username/pw)*,** choose **SMB/CIFS** and click **Save.**

* The folder name was configured at step 5, and username/password was configured at step 4.

2. Navigate to **Advanced Configuration > Storage >Storage Management**. Click **Format** to initialize the system.

3. The formatting time will vary according to the capacity of the shared volume. The recording to the NAS will automatically start once the formatting is done.
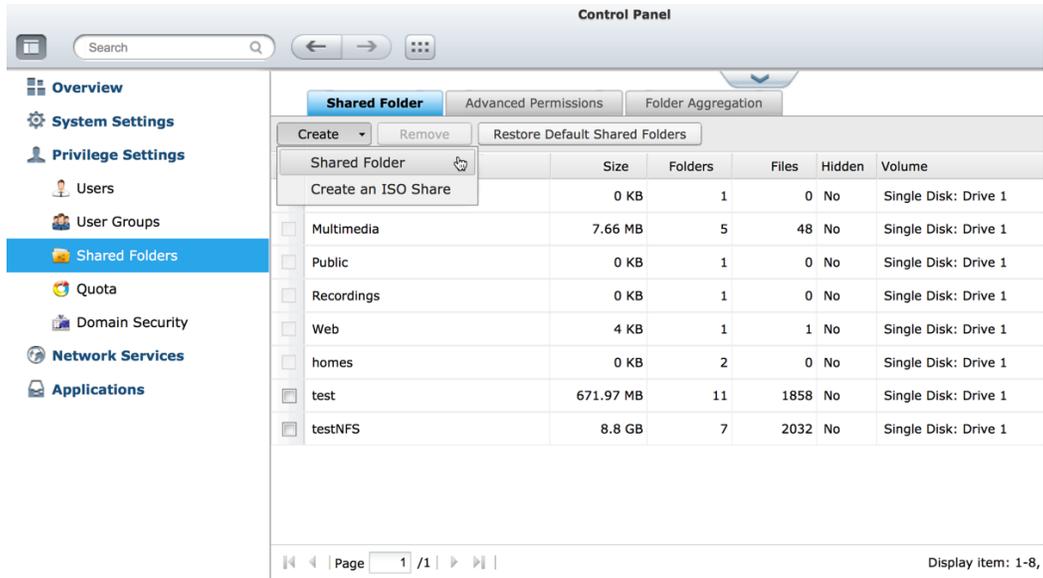
Adding QNAP Turbo NAS to DC-2CD4132FWD-IZ via NFS
Set up NFS Service on QNAP Turbo NAS

1. Enable NFS service. Navigate to **Control Panel > Network Services > Win/Mac/NFS**.
Check the **Enable NFS Service**

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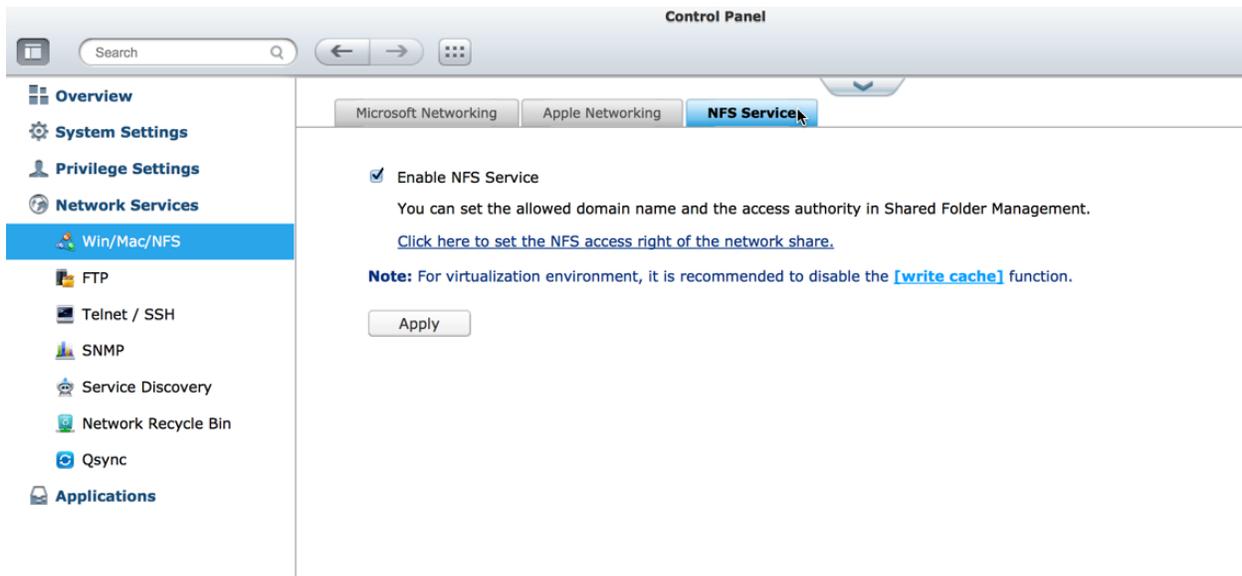
2. Create a shared folder for NFS access. **Navigate to Control Panel > Privilege Settings > Shared Folders**. Click **Create** to create a folder.
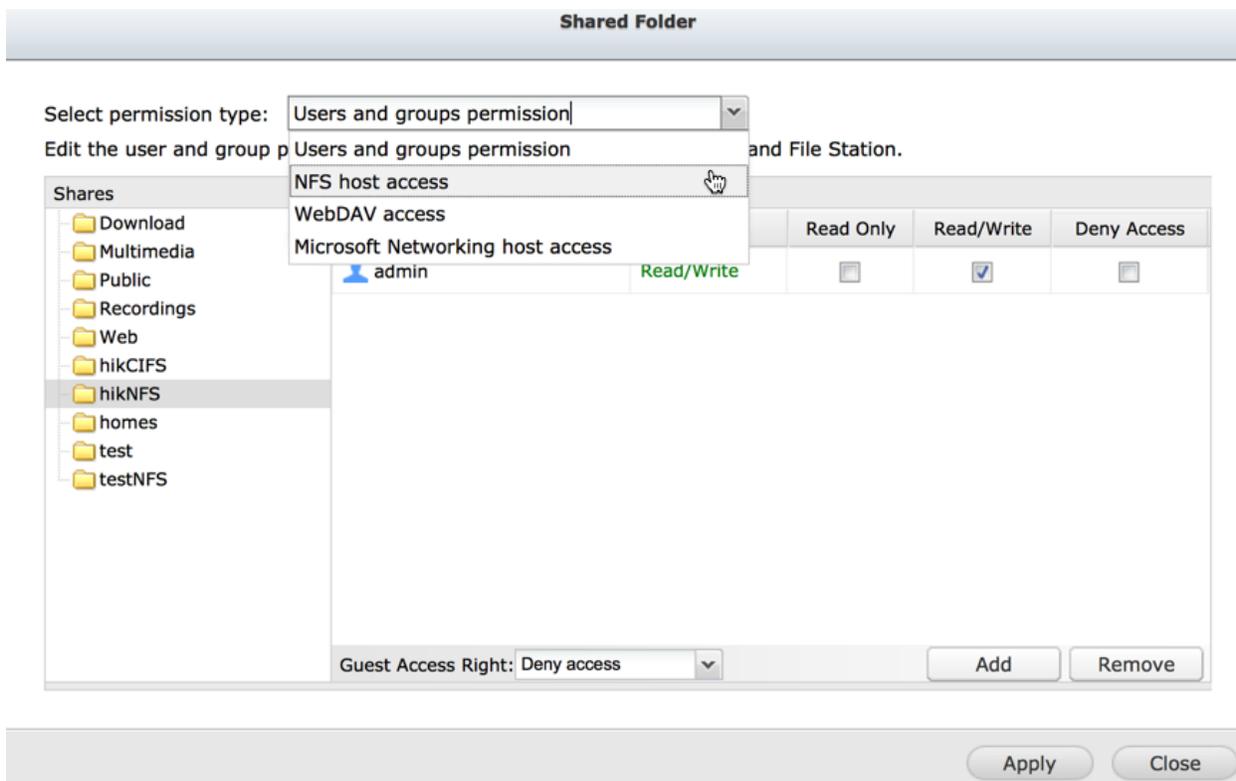

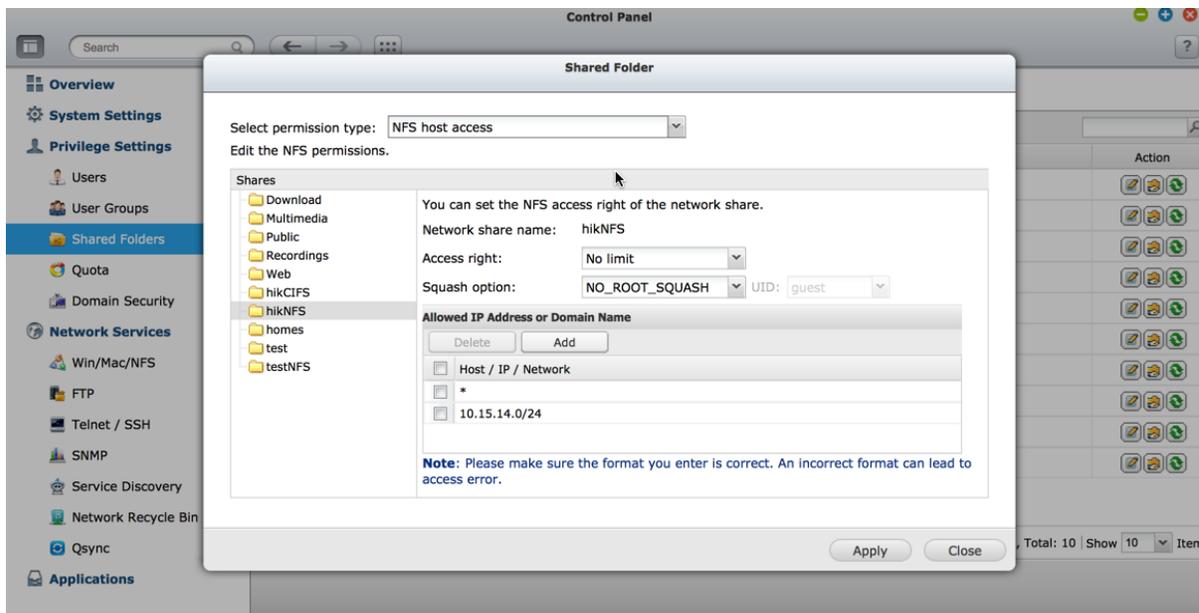3. Enter the folder name. (Ex: hikNFS)

4. Navigate to **Control Panel > Privilege Settings > Shared Folder**. Click the **ICON** to open the access control page.
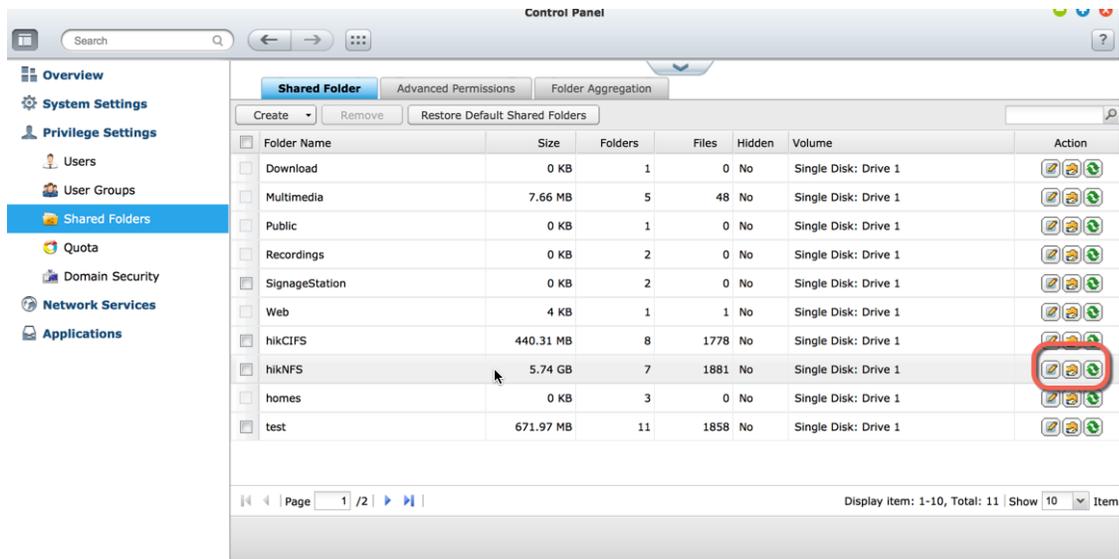
5. Select **NFS host access** to setup NFS access right.

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6. Enter the IP field which is able to access this NAS. (Ex:**10.15.14.0/24 (IP ADDRESS/MASK): 10.15.14.1 ~ 10.15.14.254)**


Add NAS to Hikvision camera (DS-2CD4132FWD-IZ)

1. Log in web page of DS-2CD4132FWD-IZ. Navigate to **Advanced Configuration > Storage > NAS**. Enter the IP address of NAS (**In this example, the IP address of NAS is 10.15.14.23**), the path of the share volume (**/hikNFS)***, choose **NFS** as Mounting Type and click **Save**.

* The folder name was configured at step 3. The NFS does not require log in credentials but the access security has to be configured on Turbo NAS.
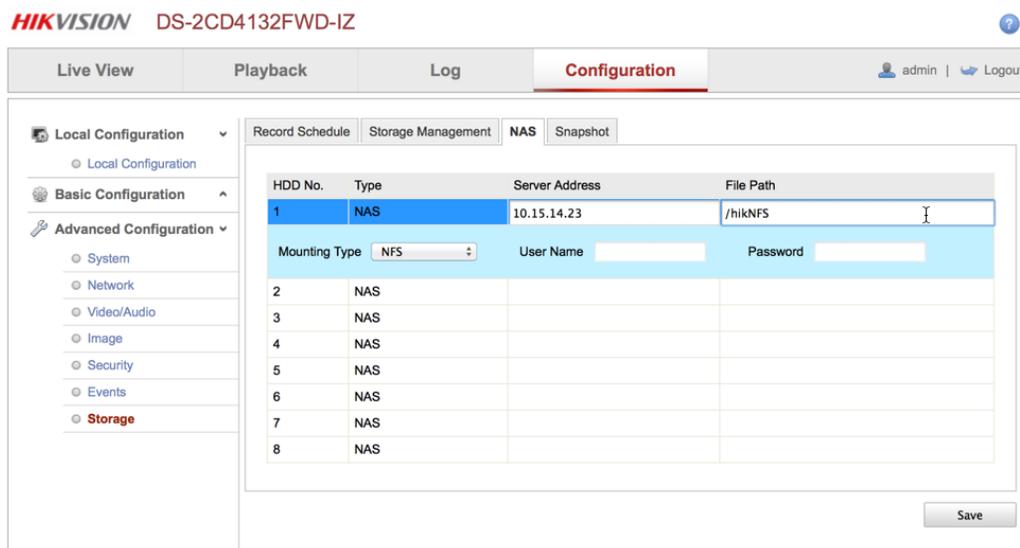
2. Navigate to **Advanced Configuration > Storage > Storage Management**. Click Format to initialize the system.
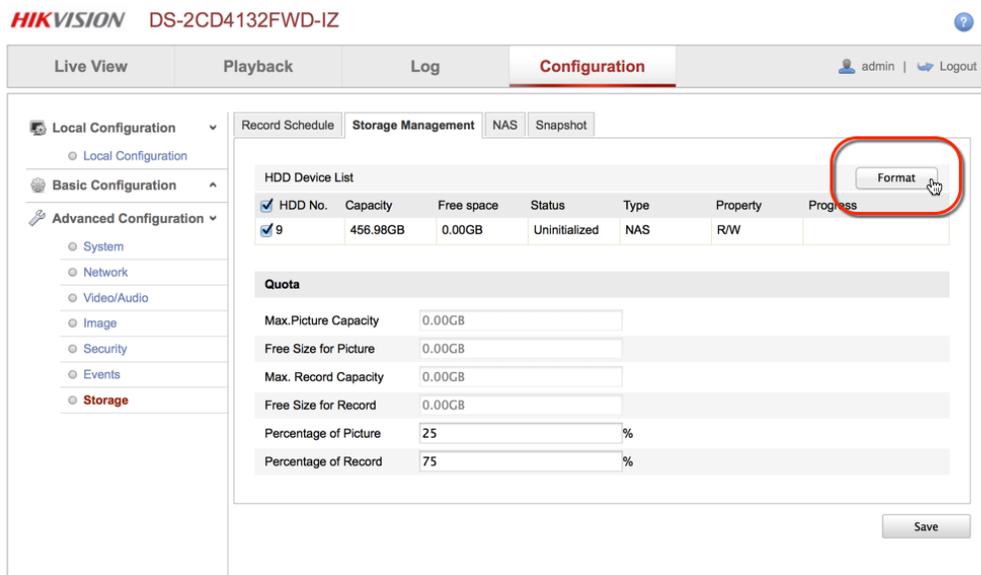
3. The formatting time will vary according to the capacity of the shared volume. The recording to the NAS will automatically start once the formatting is done.
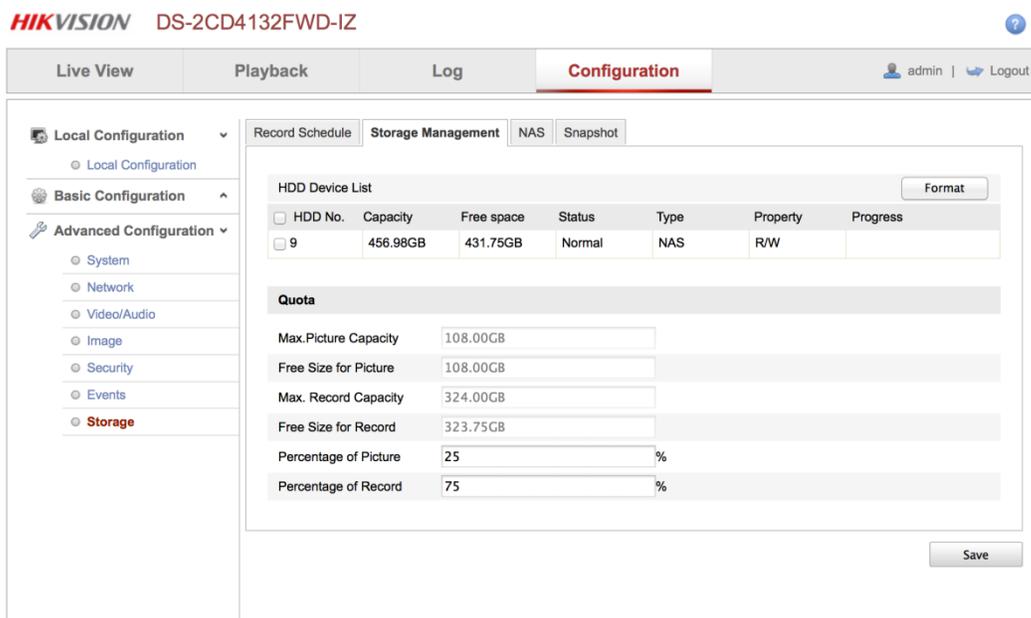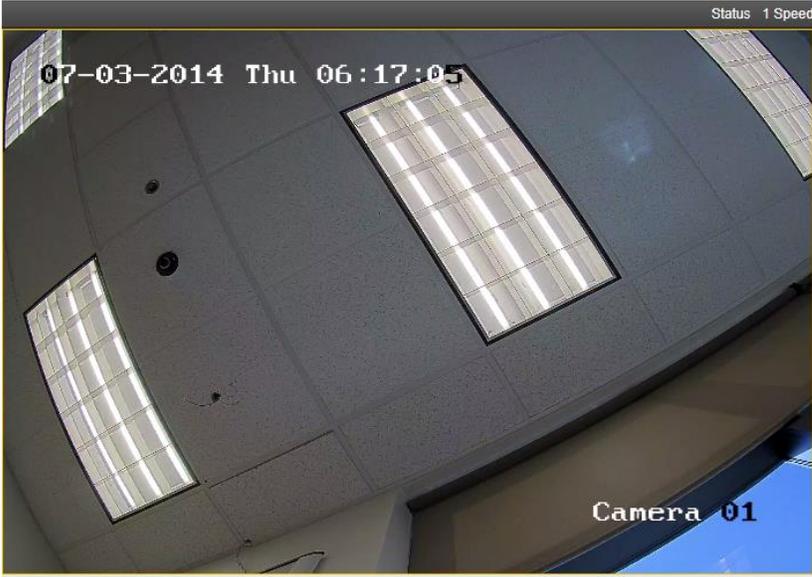
How to playback the surveillance video stored on NAS

Directly playback through Hikvision camera page

Log on to web page of DS-2CD4132FWD-IZ. Navigate to **Playback**. Select the date and click **Search**. (Tested on IE only)

Download surveillance video files from NAS

Log on to web page of DS-2CD4132FWD-IZ. Navigate to **Playback**. Click on the **download icon**. (Tested on IE, Safari, Firefox, and Chrome)
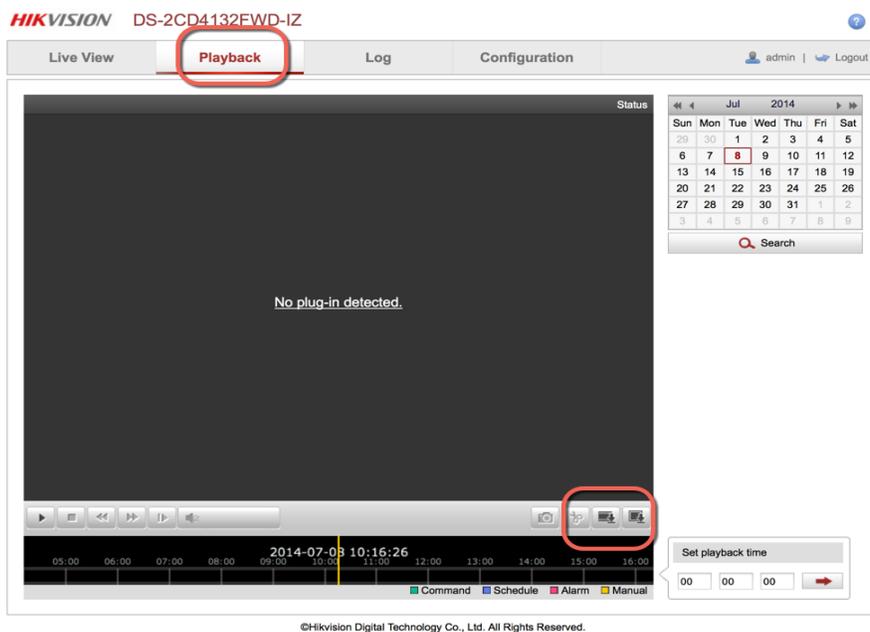
Search the videos with specified **Start and End dates** and click **Download** to download the selected video