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How to add a NAS NetHDD (NFS Share)

Quick Guide

(Example with Promise SmartStor NS4600)

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Introduction

In this quick guide we will show you how to set up a NAS NetHDD (*NFS Share*) (Fig. 1) for our cameras, DVR's and NVR's. Here we take a NAS system from Promise SmartStore NS4600 as an example. Kindly notice that not all NAS systems are the same and therefore its functionality or software may vary from one manufacturer to another but with this quick guide you will get an idea of what the basic configuration steps are.

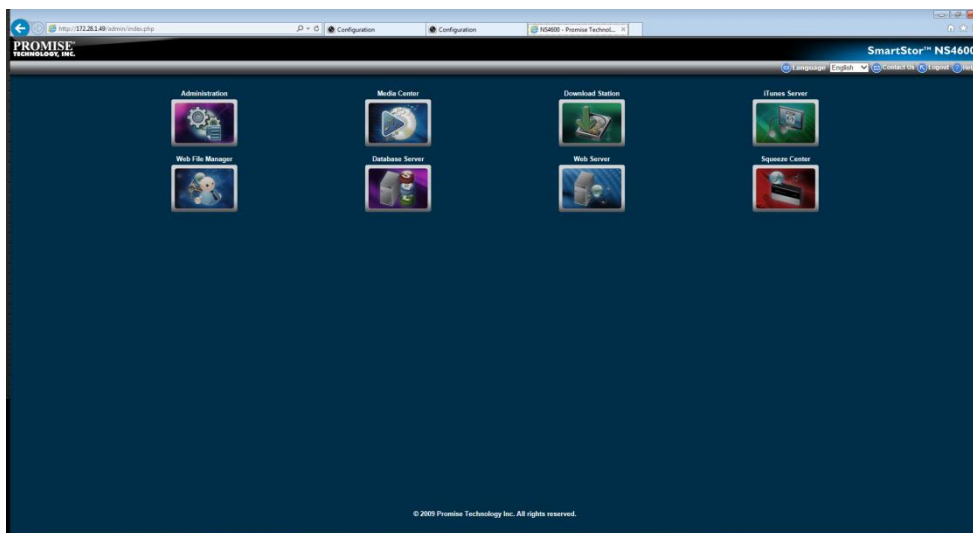


Fig. 1

*** How to set up a NAS NetHDD (*NFS Share*).

Step n1.

Before to begin setting up the camera, DVR or NVR you will need to configure the NAS correctly. As our products are Linux based system it is very important that you enabled **UNIX/Linux** services in your NAS system (Fig. 2). If that service is not enabled your device will not be able to discover the NAS system in the network.

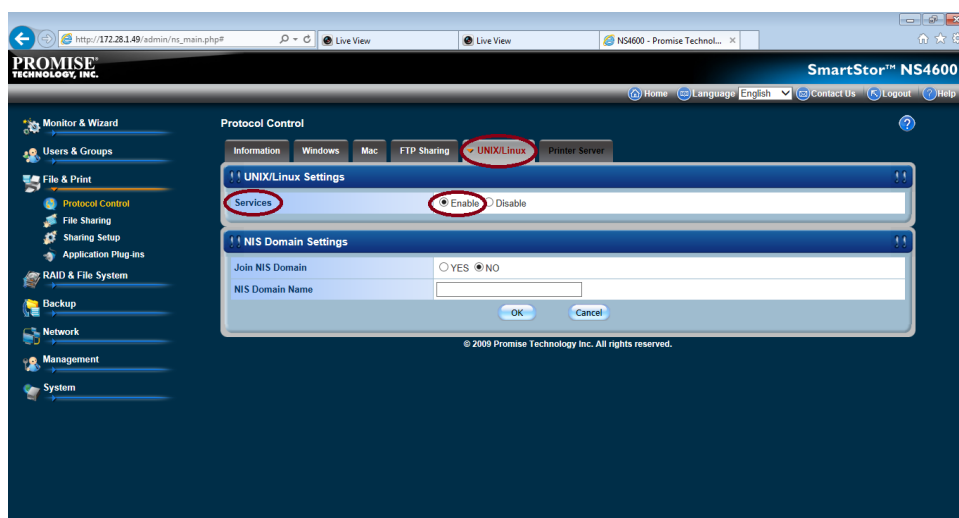


Fig. 2

*** It is very important that you enabled **UNIX/Linux** services in your NAS.

Step n2.

Create a sharing folder with granted **Read and Write** permissions (Fig.3).

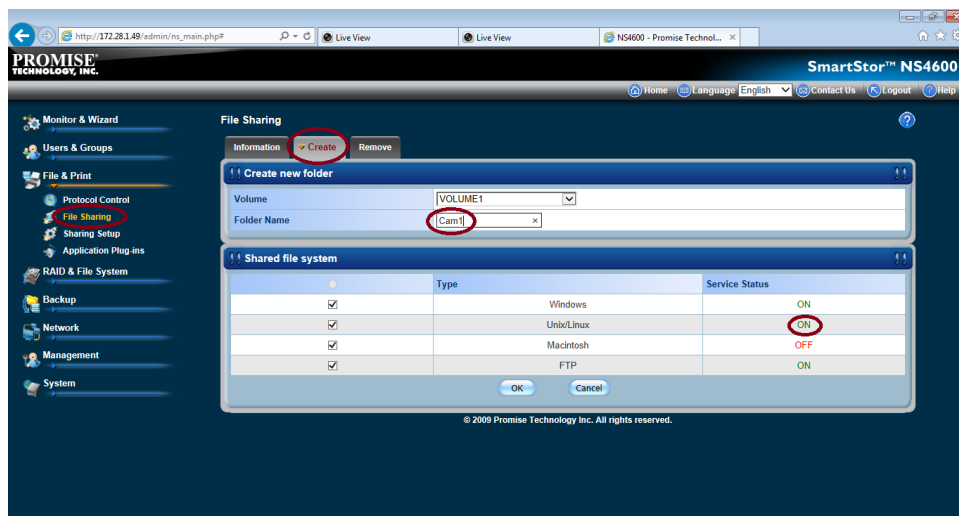


Fig. 3

*** Create a sharing folder with granted **Read and Write** permissions.

Step n3.

Now we need to assign the camera or DVR/NVR's IP address to the sharing folder (Fig.4).

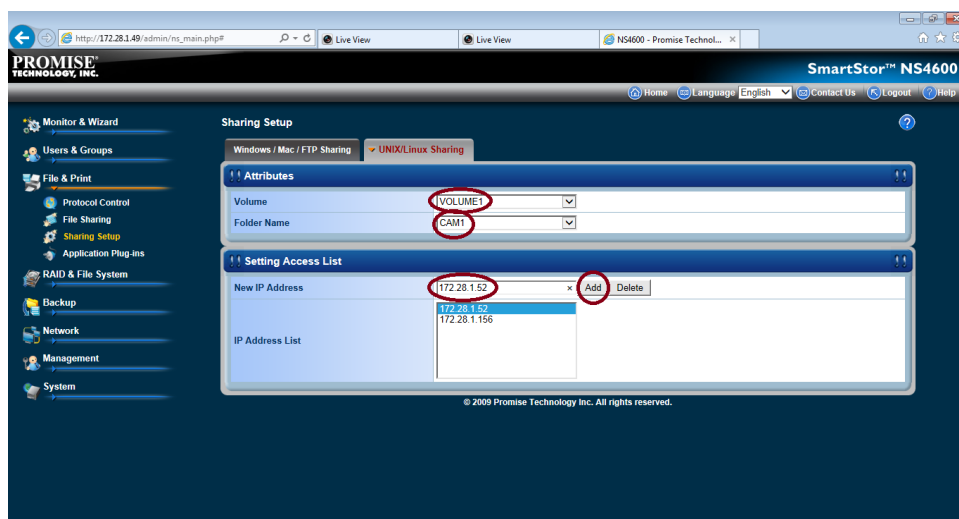


Fig. 4

*** Assign the camera or DVR/NVR's IP address to the sharing folder.

Step n4, Configure the camera.

(If you want to configure a DVR/NVR you can skip this and go to Step n7).

Now is the moment to configure the camera. Login to camera's IP address via the web browser and select **[Advance Configuration]** – **[Storage]** and tab **[NAS]** (Fig. 5). Enter the *NAS IP address* and the *path* in same way as the sharing folder in the NAS (CAPITALS sensitive). Click on **[Save]**.

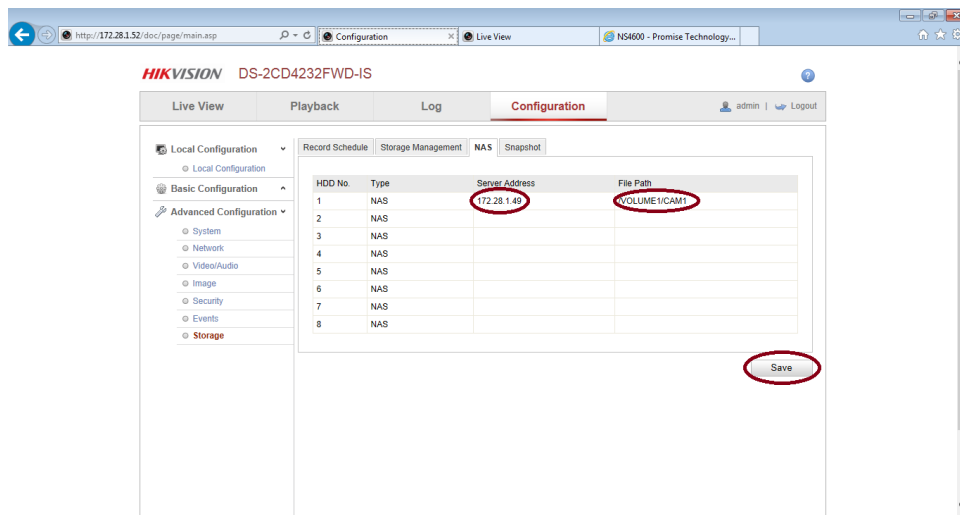


Fig. 5

*** Enter the *NAS IP address* and the *path*.

Step n5.

Click on the tab **[Storage Management]** (Fig. 6) and select the *Uninitialized HDD* by clicking on the check mark box. You can see that the status is *Uninitialized* so you need to format it before it can be used. Click on **[Format]** and wait till the status shows up *Normal*.

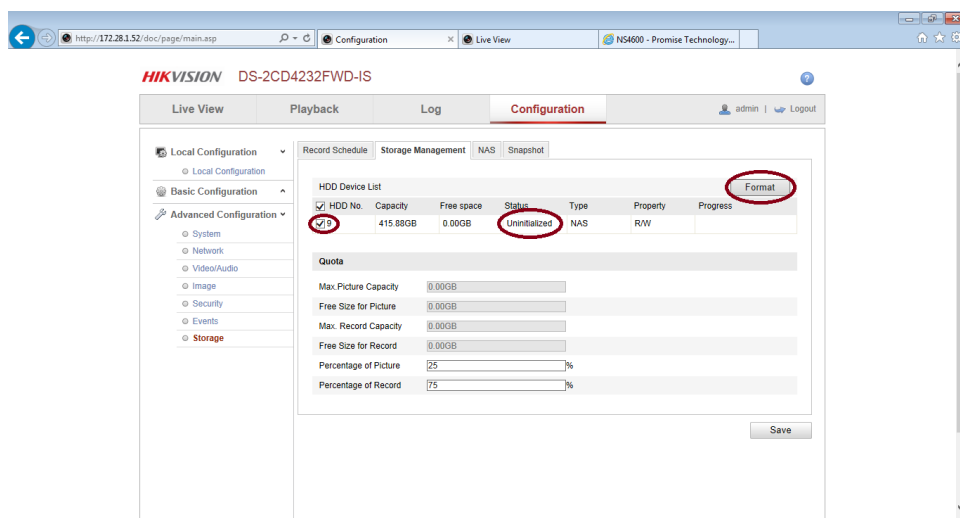


Fig. 6

*** Click on **[Format]** and wait till the status shows up *Normal*.

Step n6.

After the format process has been finished and make sure that the HDD status shows up *Normal* you may click on **[Save]**. (Fig. 7)

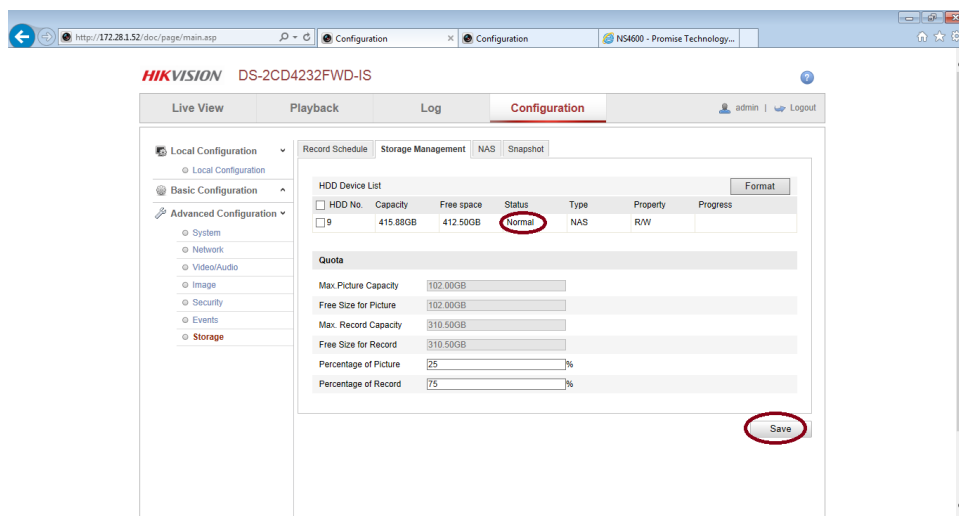


Fig. 7

*** Make sure that the HDD status shows up *Normal* and click on **[Save]**.

NOTE: Every device needs a separated share folder

Step n7, Configure the DVR/NVR.

(If you want to configure a camera you can skip this step and go to Step n4).

In order to configure the DVR/NVR login to its IP address via the web browser. Select **[Configuration]** – **[Network Settings]** - **[NetHDD]** on the left menu (Fig. 9). Enter the *NAS IP address* and the *path* in same way as sharing folder in the NAS (CAPITALS sensitive). Select **[NAS]** Type and click on **[Save]**.

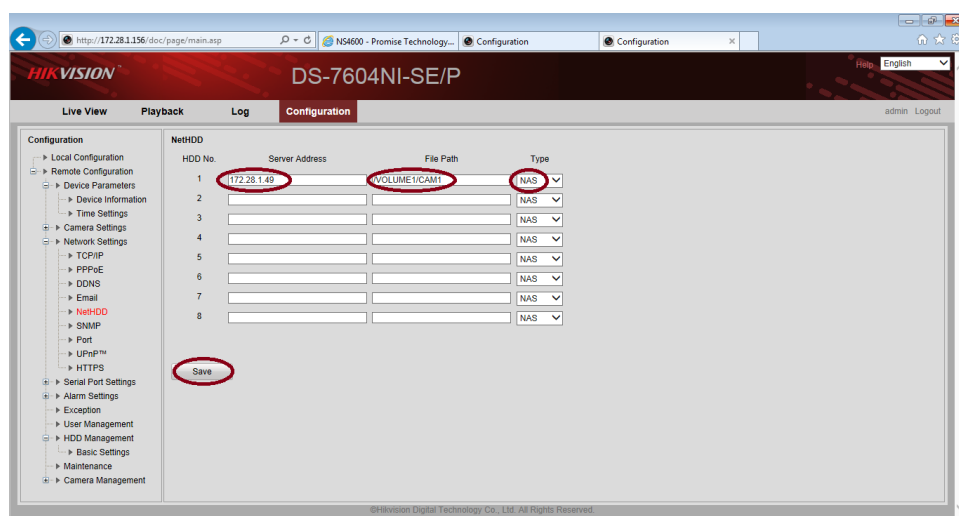


Fig. 9

*** Enter the *NAS IP address* and the *path* in same way as sharing folder in the NAS.

Step n8.

Now you can select **[HDD Management]** - **[Basic Settings]**. Select the *Uninitialized HDD* by clicking on the check mark box. You can see that the status is *Uninitialized* so you need to format it before it can be used. Click on **[Format]** and wait till the status shows up *Normal* (Fig. 8).

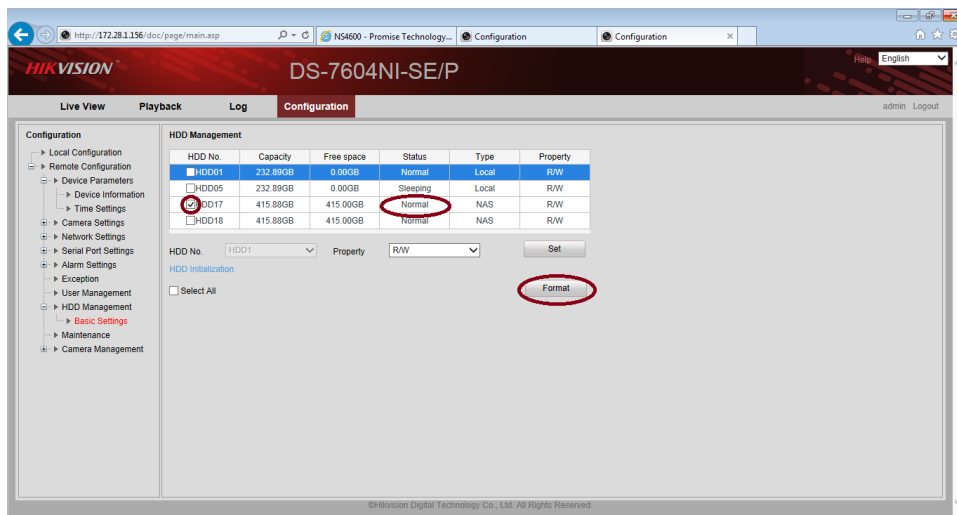


Fig. 8

*** Click on **[Format]** and wait till the status shows up *Normal*.

NOTE: Every device needs a separated share folder

After initialization/Format of your NetHDD, you can start setup recording schedule to start record video on your NAS system.

