

# How to add Synology NAS to NVR

## 1. Background:

For the requirements of storing NVR recording to Synology NAS, we make this guidance for our users, below Synology NAS model is DS-220, NVR is DS-9632NI-I8. The configuration on other Synology NAS and Hikvision backend devices are almost the same.

## 2. Power on Synology NAS:

Add HDD to NA, connect the network cable, power on the NAS.



## 3. Configuration on NAS and NVR

### 3.1 Log in Synology NAS

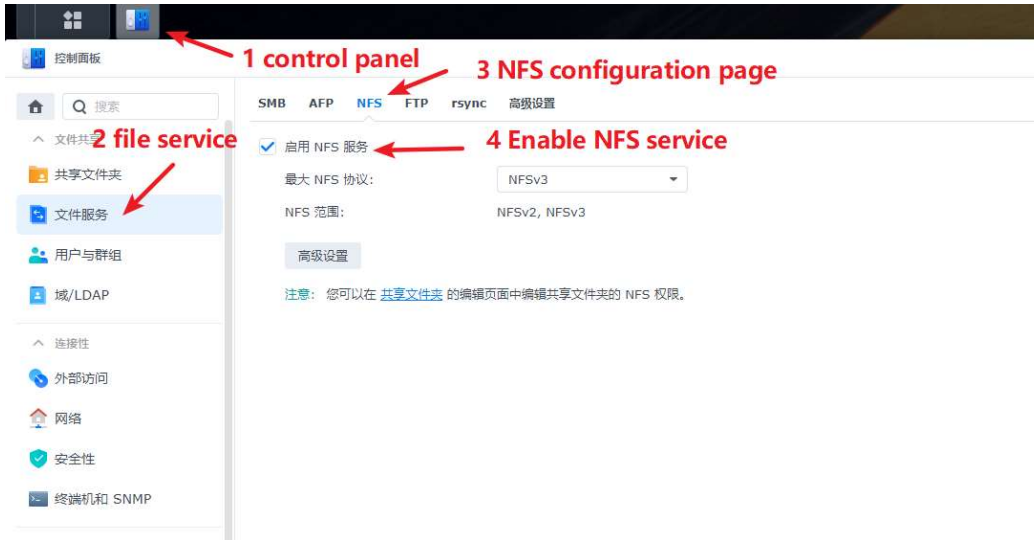
Input NAS IP address to web browser, then input the username and password to log in the NAS.



## 3.2 Configure NAS

### ① Enable NFS

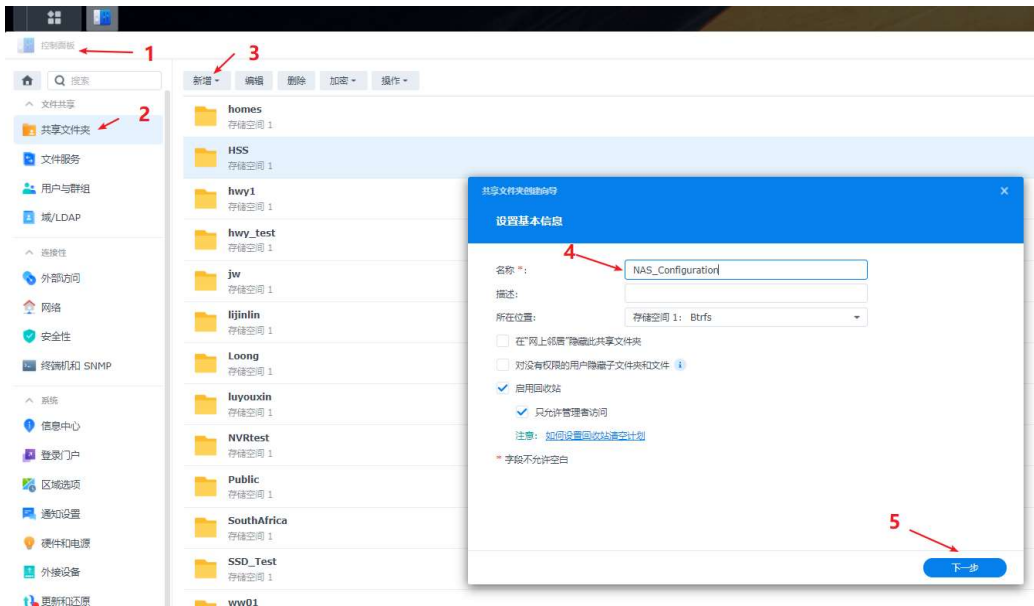
Go to **Desktop/Control Panel/File Service/NFS**, enable **NFS service**.

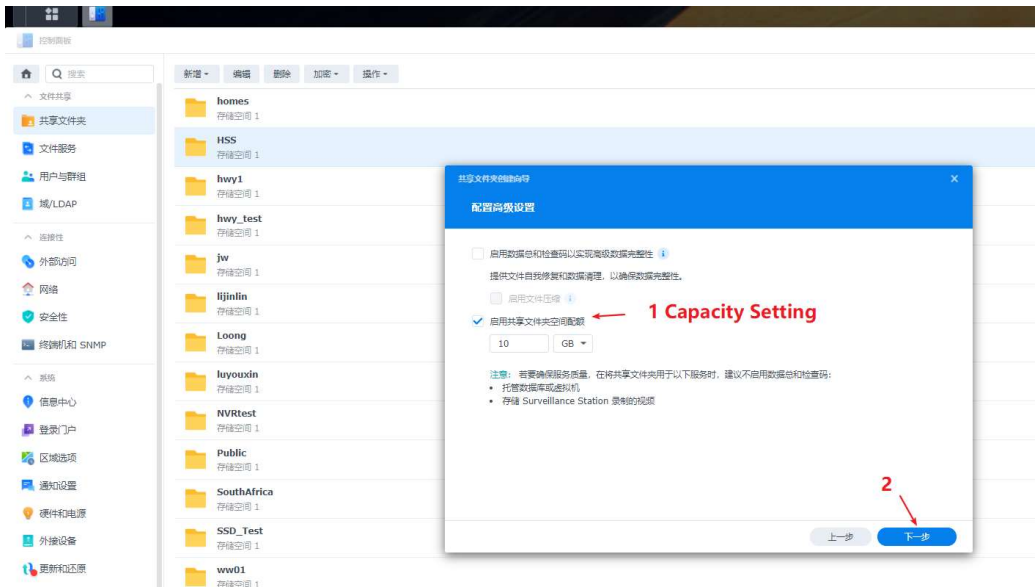
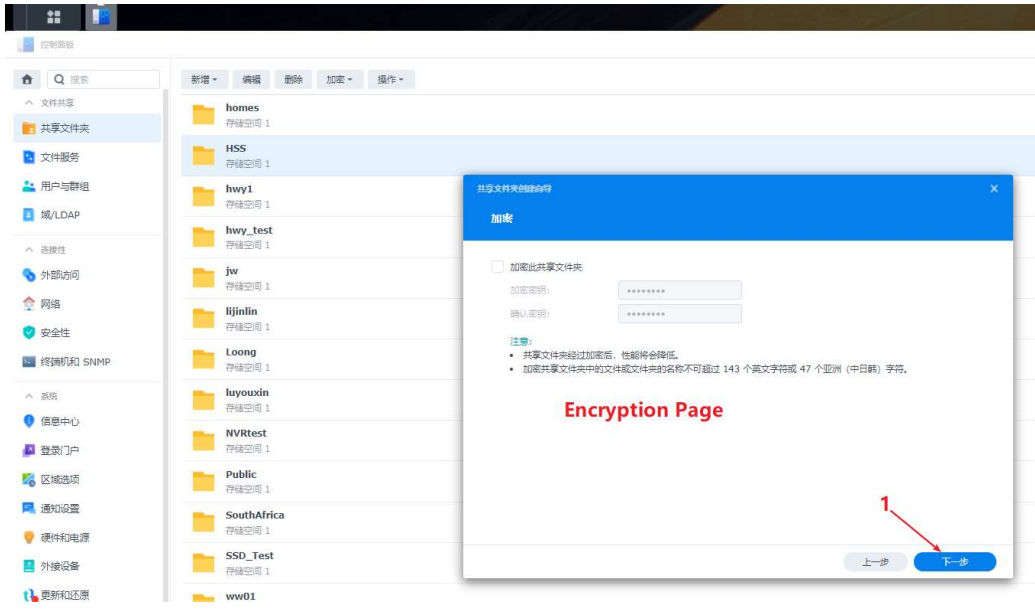


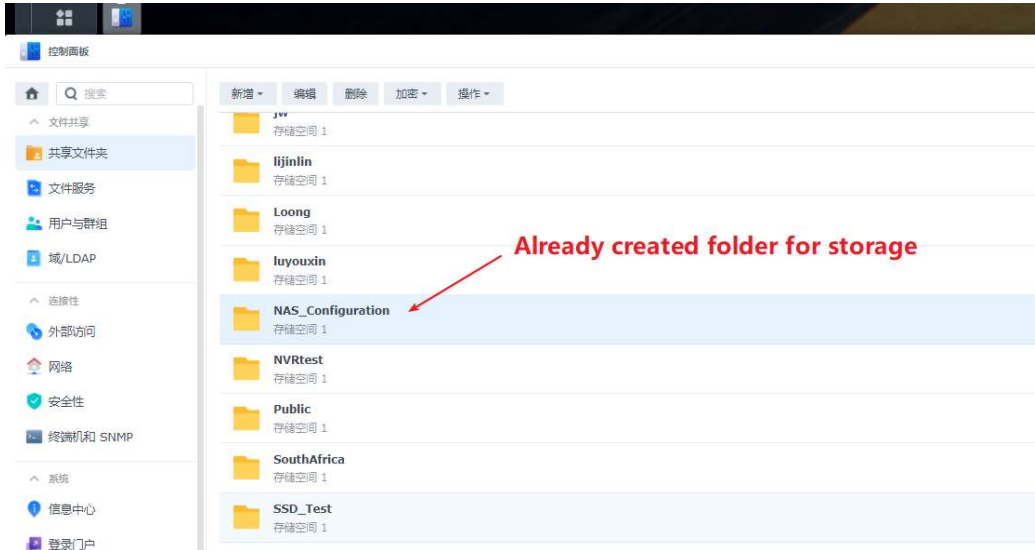
## ② Create a folder under Share Folder Path

This step is to create the storage folder to store NVR recording.

Go to **Desktop/Control Panel/Share Folder**, new a folder. Click next for all steps except storage capacity setting.

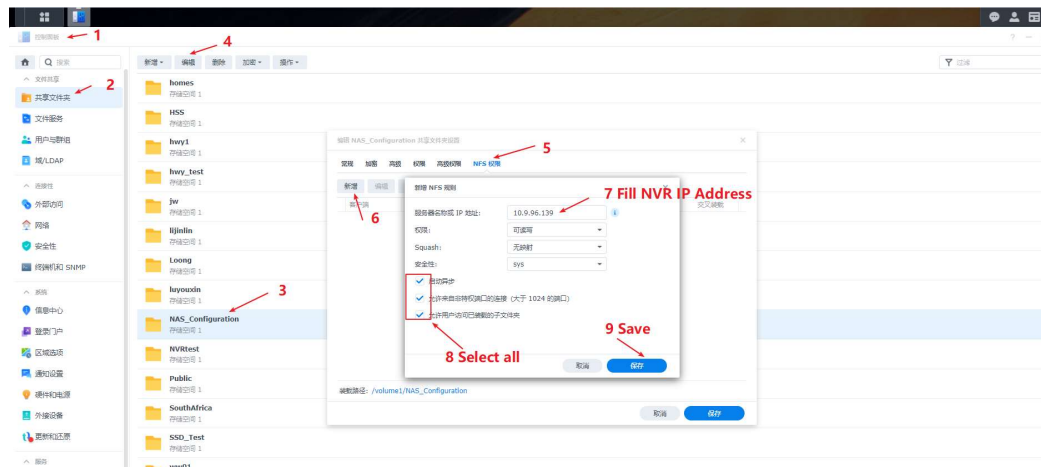


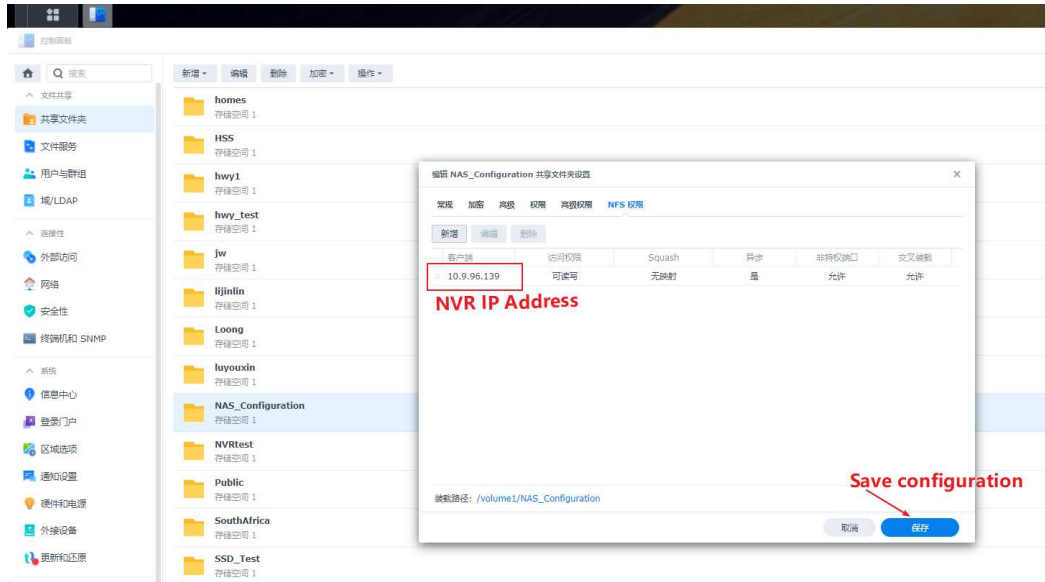




### ③ Set IP address access for NVR

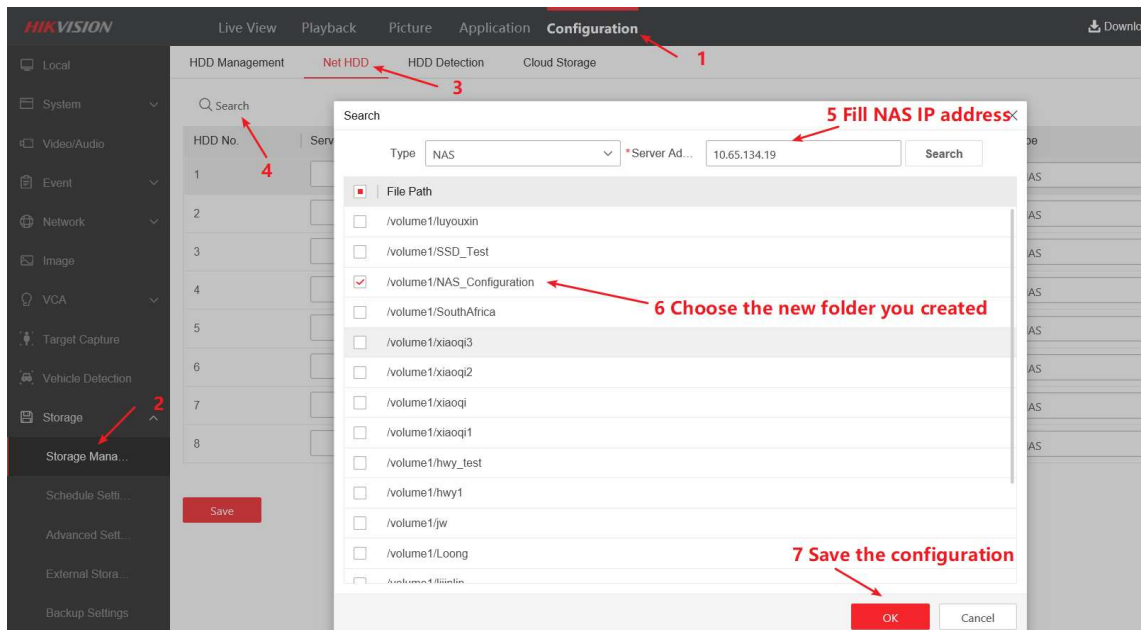
The NAS share folder created in step-2 can't be detected by NVR now. You should configure the NFS access rights for it.





#### ④ Add the NAS to NVR

Go to NVR local GUI or log in NVR web page (take webpage as example), configure as below screenshot, then NVR video will be store to NAS.



Save succeeded.

HDD Management **Net HDD** HDD Detection Cloud Storage

Search

HDD No.	Server Address	File Path	Type	Delete
1	10.65.134.19 <b>NAS information</b>	/volume1/NAS_Configuration	NAS	
2			NAS	
3			NAS	
4			NAS	
5			NAS	
6			NAS	
7			NAS	
8			NAS	

**Save configuration**

Save

HDD Management **Configuration**

Set Format Rebuild Video Rebuild All Data

<input checked="" type="checkbox"/>	HDD No.	Capacity	Synchronization State	Free space	Status	Type	Property	Progress
<input checked="" type="checkbox"/>	17	7149.12GB	Normal	0.00GB	Uninitialized	NAS	R/W	

**When you add NAS to NVR, first the Status of HDD will be Offline or Uninitialized, you should Initialize them on Local GUI.**

**NVR 4.0**

Schedule Storage Device Storage Mode Auto Backup Advanced

+ Add **Init** Repair Database Total C...0MB

	Label	Capacity	Status	Property	Type
<input checked="" type="checkbox"/>	17	7149.12GB	Uninitialized	R/W	NAS