Setup your PC:

Create an iSCSI initiator

To connect your NVR server to an iSCSI target, you need to first go to Control Panel and double click on the iSCSI Initiator.



When you see the dialog box below then answer "Yes" to start the iSCSI service every time the system boots up in the future.



When you see the dialog box below, answer "Yes" to unblock the iSCSI service from the Windows Firewall.

licrosoft iSCSI			
Do you want to unk	block the Microsoft iSCSI sen	vice so that it can c	ommunicate
with an Internet sto	rage name service through v	vindows Firewall:	

When the iSCSI Initiator Properties come up, click on the Discovery tab. Click on Add Portal.

Favorite Targ	ets	Volumes and Devices	RADIU
General		Discovery	Targets
larget portals			
Address	Port	Adapter	IP address
Add Porta	al	Remove	Refresh
SNS servers			
Add		Remove	Refresh
Audin			

Enter the IP address or DNS name of the iSCSI server when the Add Target Portal window appears, like this:

Type the IP address or DNS nan to add. To select settings for th Advanced.	ne and port number o e discovery session t	of the portal you war to the portal, click
P address or DNS name:	Port:	
10.253.15.96	3260	Advanced

(The port number of 3260 will already be there as this is the default iSCSI port number). Click OK. Go to the Targets tab and click Refresh. You should see the name of your iSCSI Target in the list. Select your target server and click Log on.

Check to automatically restore this connection when the computer starts and click OK.



You should now see that you are connected. Click OK to close the iSCSI Initiator Properties.

Now click on Administrative Tools, open Computer Management, and click on Storage -> Disk Management.

You will have to initialize the disk if it hasn't been used before.

🔚 Computer Management					
File Action View Help					
🗢 🄿 🖄 📰 👔	X 📽 🖻 🍳 😼				
🔚 Computer Management (Local)	Volume	Layout Type	File System	Status	
🔺 🎁 System Tools		Simple Basic		Healthy (Primary Partition)	
Task Scheduler	📾 (F:)	Simple Basic	NTFS	Healthy (Primary Partition)	
Event Viewer	DATA (D:)	Simple Basic	NTFS	Healthy (Logical Drive)	
b 🕺 Shared Folders	MVCACHE	Simple Basic	FAT32	Healthy (Primary Partition)	
Local Users and Groups	SynologyInstall (E:) Simple Basic	CDFS	Healthy (Primary Partition)	
Reliability and Performa	📾 Vista (C:)	Simple Basic	NTFS	Healthy (System, Boot, Page File, Active	Crash Dump, Prim
🚔 Device Manager	h	nitialize Disk		×	
4 📇 Storage		You must initialize a d	isk before Logi	cal Disk Manager can access it	
📑 Disk Management		Select dieke:	in boile bog		
Services and Applications					
	-	Use the following par	tition style for th	e selected disks:	•
		MBR (Master Boo	ot Record)		
		GPT (GUID Partit	ion Table)		
	Basic				
	298.09 GB	Note: The GPT partit Windows It is recom	ion style is not r mended for disk	ecognized by all previous versions of s larger than 2TB, or disks used on	
	Online	Itanium-based compu	ters.		Drive) =
				OK Cancel	
	Disk 1				
	Basic	NVCACHE			-
	513 MB	513 MB FAT32			
	Online	Healthy (Primary P	artition)		
	Disk 2				
	Basic 50.00 CP	(F:)			
	SULUU GB	50.00 GB NTFS			
	Online	Healthy (Primary F	artition)		

You should now see the new disk in your Disk Manager.

Right click on the disk and click on New Simple Volume.

Go through the steps of formatting it and assigning it a drive letter.

When you are done, your disk manager should look like this:



You can now access your shared iSCSI disk in My Computer as a drive letter, like this:

			- • •
Compute	er	✓ 4→ Search	Q
🌗 Organize 🔻 📲 Views	🔹 🗖 AutoPlay 🗹 Properties	😰 System properties 🛛 🛐 Uninstall or change a program	» ()
Favorite Links Documents Fictures	Name Type Total S Hard Disk Drives (4) Vista (C:)	DATA (D:)	^ ^
Music More » Folders	104 GB free of 149 GB Local Disk (F:)	124 GB free of 144 GB New Volume (G:)	
	49.9 GB free of 49.9 GB Devices with Removable Storage (1) DVD RW Drive (E:) SynologyInstall 0 bytes free of 178 MB	49.9 GB free of 49.9 GB	~
New Volume	(G:) Space used: Space free: 49.9 GB Total size: 49.9 GB	File system: NTFS	

Setup your NVR:

Execute NVR3 Workstation or Web Client->Setup>Storage

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Home Users	Devices	Storage	Schedule Event	Language System			•
	Reset Recording	Apply Settings	-				*
	Recordir Keep Sy	ng Folder Nan stem Log for	ne Recording (1-999 days) 30	5			*
	Disk Drive	List					
		Drive 🔺	Free Space (GB) 🔺	Total Space (GB) ~	Reserved Space (GB)		
		C:	6	50	20		
		D:	22	99	20		
		E:	3.8	3.8	20		
Storag							
						<u>.</u>	.2

You should see the iSCSI Drive at the Available Drive column.

Mark the iSCSI drive so the NVR adds it to the active drive list. Click Apply.

Home Users Devices Storage Schedule Event Language System Resort Apply Recording Settings Recording Folder Name Recordings Recording Settings Recording folder Name Recording Settings Recording folder Name Recording folder Name Recording Settings Recording Seting Settings							Ø 🗎	Ì	
Reset Apply Recording Settings Recording Folder Name Recordings Keep System Log for (1-999 days) 3 Disk Drive List Drive + Free Space (GB) / Total Space (GB) / Reserved Space (GB) 0 20 0 22 99 20 20 21 22 99 20 21 22 99 20 21 22 99 20 21 22 99 20 21 22 99 20 21 22 99 20 20 21 22 99 20 21 22 23 24 25 25 25	Home Users De	evices	Storage	Schedule Event	Language System				
Resol Apply Recording Settings Recordings Keep System Log for (1-999 days) 30 Disk Drive List Image: Colder Name Image: Colder Name Reserved Space (OB) ^ Total Space (OB) ^ Reserved Space (OB) Image: Colder Name Reserved Space (OB) ^ Total Space (OB) ^ Reserved Space (OB) Image: Colder Name Reserved Space (OB) ^ Total Space (OB) ^ Reserved Space (OB) Image: Colder Name Reserved Space (OB) ^ Reserved Space (OB) ^ Reserved Space (OB) Image: Colder Name Reserved Space (OB) ^ Reserved Space (OB) ^ Reserved Space (OB) Image: Colder Name Reserved Space (OB) ^ Reserved									
Recording Settings Recording Folder Name Keep System Log for (1-999 days) 30 Disk Drive List Disk Drive List Disk Drive 1: 0: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 9: 2: 3: 3: 3: 3: 3: 3: 3:		Reset	Apply						
Recording Folder Name Recordings Keep System Log for (1-999 days) 30 Disk Drive List Disk 20 Reserved Space (GB) Reserved Space	Re	cording	Settings						••
Keep System Log for (1-999 days) 30 Disk Drive List 		Recordir	ig Folder Nan	ne Recordings	3				
Disk Drive List Dive * Free Space (GB) * Total Space (GB) * Reserved Space (GB) 0 0 20		Keep Sy	stem Log for	(1-999 days) 30					*
Drive • Free Space (GB) • Total Space (GB) • Reserved Space (GB) C: 6 50 20 Ø D: 22 99 20 Ø E: 3.8 3.8 3	Di	sk Drive I	ist						
Drive × Free space (GB) × Total space (GB) × reserved space (GB) C: 6 50 20 V D: 22 99 20 V E: 3.8 3.8 3			Deive	E (OD)					
D: 22 99 20 E: 3.8 3.8 Storag				Free Space (GB) A	Total Space (GB) A	20 Reserved Space (GB)			
E: 38 3.8 3			D:	22	99	20			
Storag			E:	3.8	3.8	3			
Storag									
Storag									
Storage									
Storage									
Storag	10 A								
Storage									
	Storage								
								101.2	

*Note: The sample device used is Synology DS-209+. We neither guarantee nor recommend specific manufacturer or device. Please contact NAS provider for details.