DNS-323: Setup Guide for Shared Drive Access: Folders and Permissions

In this example we are using the two installed drives as separate volumes. Your setup may look slightly different.

Step 1. Configure the DNS-323 for access from your network. Go through the initial configuration steps. Go to Setup > LAN. Set LAN Settings with static IP address and correct Default Gateway (your router's IP address) and DNS servers (you can use your provider's DNS).

LAN SETTINGS :					
Speed 1000 Mbps	Speed 1000 Mbps				
Link Speed 💿 Auto 🔘	Link Speed 💿 Auto 🔘 100 🔘 1000 Apply				
ODHCP Client					
💿 Static IP					
IP Address :	192.168.1.145				
Subnet Mask :	255.255.255.0				
Gateway IP Address :	192.168.1.1				
DNS1:	192.168.1.1				
DNS2 :	4.2.2.2				

Step 2. Go to Setup > Device. Setup the network name, relating to Windows file and printer settings and a host name.

DEVICE SETTINGS :				
Enter a workgroup, name, and description.				
Save Settings Don't Save Settings				
DEVICE SETTINGS :				
Workgroup	workgroup			
Name	dns-323			
Description	DN5-323			

After applying these settings you should be able to ping the device using the device's name and browse to the device using Windows Explorer:



Step 3. Browse into the DNS-323 using Windows Explorer and create the directory structure you wish to use. By default the DNS-323 will allow any user to log into the drive with full read/write privileges. Please note that to access the drives Windows will be sending the username and password of the person logged into the computer.

😂 Users	
File Edit View Favorites Tools Help	
🚱 Back 🝷 💮 🚽 🏂 🔎 Search 🔊 Folders	•
Address 🛅 \\Dns-323\Volume_2\Users	
Folders	× 🚞 kdudley
 Desktop My Documents My Computer My Network Places Entire Network Microsoft Terminal Services Microsoft Windows Network <li< td=""><td>Lest</td></li<>	Lest
inters and Faxes 🕥 Printers and Faxes	

Step 4. Log into the DNS-323 configuration pages and go to Advanced > Users. Configure the users that will access the drive.

DNS-323 //	SET	UP	ADVANCED	TOOLS	STATUS	SUPPORT		LOGOUT
USERS	USERS	:					Help	oful Hints
GROUPS	User passwords least five charai						five characters long.	
QUOTAS	Create u	users and t	heir passwords. Assig	n users to groups if c	lesired.		A us sam	er name can not be the e as a group name.
NETWORK ACCESS	Save Settings Don't Save Settings							
FTP SERVER								
UPnP AV SERVER	CREAT	'E A USE	R :					
iTunes SERVER	Group		NONE	~				
DHCP SERVER	Group							
	User N	lame						
	Passwo	ord						
	Confirr	n Passwor	t 📃					
	USER I	LIST :						
					🗟: Change Passwo	ord Ũ: Delete		
	No.	User Name	e Gro	oup Name				
	1	kdudley	us	iers				
	2	user	us	iers				
	3	test	us	iers		<u> </u>		

Step 5. Go to Advanced > Network Access. Change the Network Access rules to reflect the permissions you want in effect on the drive.

In our example we have configured it so any user can read any other user's folder – but can only write to his/her own folder.

DNS-323	SETUP	ADVANCED	TOOLS	STATUS	SUPPORT		LOGOUT
USERS GROUPS QUOTAS NETWORK ACCESS FTP SERVER UPNP AV SERVER ITUNES SERVER DHCP SERVER	NETWORK AI Assign permissio Save Settings NETWORK AU Category User [Folder]	CCESS SETTINGS : Don't Save Setting: CCESS SETTINGS : User Group Please select a user C	on the local network			Hel By o or v oper rules befo crea	pful Hints lefault, each hard drive olume will have an n-access rule. These s must be deleted pre user or group tific rules can be sted.
	Permission [Comment [Read Only 💌					
	NETWORK A	CCESS LIST :					
		:Re	ead/Write 🔲: Read (Only 📓: Modify Settin	g 🗓: Delete		
	Share	Path	User/Group	Comment	R/W		
	Users	Volume_1 Volume_2/Users	users	Read access for User group	s 📄 📝 🚺		
	test	Volume_2/Users/test	test	- ·	M 📝		
	user	Volume_2/Users/user	user		2		
	kdudley	Volume_2/Users/kdudle	y kdudley		M 🕅		

Step 6. Now on your workgroup computers you can map drives to the folders on the DNS-323. Go to My Computer > Tools > Map Network Drive. Under "Drive" select any available drive letter. Under "Folder" type the path to the folder (e.g. \\dns-323\Users).

In our example we created 3 mappings – one for access to the Volume_1 share with no restrictions – one for read/write access to the user's personal folder – and one for read access to the other users' folders.

Map Network Drive	Map Network Drive
Map Network Drive Anarea network folder	Windows can help you connect to a shared network folder and assign a drive letter to the connection so that you can
Attempting to connect to \\dns-323\Users	access the folder using My Computer.
ection and the folder	Specify the drive letter for the connection and the folder that you want to connect to:
	Drive: Y:
Folder: \\dns-323\Users M Browse	Folder: \\dns-323\Users\kdudley V Browse
Example: \\server\share	Example: \\server\share
Reconnect at logon	Reconnect at logon
Connect using a <u>different user name</u> .	Connect using a <u>different user name</u> .
network server.	<u>alqh up for online storage or connect to a</u> <u>network server</u> .
< Back Finish Cancel	< Back Finish Cancel
_	
😼 My Computer	
File Edit View Favorites Tools Help	
G Back 👻 🌍 🚽 🏂 Search 👘	Folders
🕴 Address 🛛 😨 My Computer	
🛃 3½ Floppy	· (A:)
System Tasks 🔕 👳 Local Disk ((C:)
View system information	on 'DNS-323 (dns-323)' (X:) 'dns-323\Users' (Y:)

A note about permissions – our example shows how we can give read access to <u>\\DNS-323\users</u> and read/write access to <u>\\DNS-323\users\kdudley</u>.

It must be remembered that the permissions on the network drive are inherited from the parent folder. The implication of this is that if we browse to kdudley's folder through the Y: drive (kdudley's share) – read/write access will be granted. But if we browse to kdudley's folder through the Z: drive (General Users' share) the permissions for the folder will be inherited from the "users" folder and only read access will be granted.

😪 Users on 'DNS-323 (dns-323)' (Z:)



Add or remove programs
 Change a setting