SHARED FOLDERS - NFS

NFS Shared Folders offer support for:

- Linux workstations
- Virtualization

NFS shares may be created using the Server Manager on your LaCie professional server. You can easily access the Server Manager from any Windows workstation on the network. To create NFS shares, please follow the steps below.

Important info: LaCie does not recommend creating SMB shares using the Server Manager. Please launch the LaCie server Dashboard as explained in <u>Shared Folders - SMB</u>.

SHARE AND STORAGE MANAGEMENT

- 1. Launch Remote Desktop Connection from any workstation on the network. In most instances, it can be found at **Start > Programs > Accessories > Remote Desktop Connection**.
- 2. Enter the name of your LaCie server and click **Connect**.

Nemote Desktop Connection			
N	Remote Desktop Connection		
Computer:	5bigofficeplus	•	
User name:	None specified		
You will be as	ked for credentials when you con	nect.	
O ptions]	Connect	Help

3. Enter the username and password. Click **OK**.

Windows Security	у	×
Enter your These credenti	credentials als will be used to connect to 5bigofficeplus.	
	Administrator	
	Use another account	
📄 Reme	mber my credentials	
	OK	el

4. A prompt may warn you about the identity of your workstation. To continue, please select **Yes**.

💀 Remote Desktop Connection
The identity of the remote computer cannot be verified. Do you want to connect anyway?
The remote computer could not be authenticated due to problems with its security certificate. It may be unsafe to proceed.
Certificate name
Name in the certificate from the remote computer: 5bigOfficePlus
Certificate errors
The following errors were encountered while validating the remote computer's certificate:
The certificate is not from a trusted certifying authority.
Do you want to connect despite these certificate errors?
Don't ask me again for connections to this computer
View certificate Yes No

5. You now have access to your LaCie professional server.



6. Click on the icon for the **Server Manager** on the bottom left of the window.



7. The Server Manager window will open.

Server Manager		-0-0
le Action View Help		
🔿 🖄 📆 📓		
Server Manager (SBIGOFFICEPLUS) Roles Features Disgnostics Configuration	Roles Wew the health of the roles installed on your server and add or remove roles and fe	atures.
📇 Storage	Roles Sum mary	Roles Summary Help
	Roles: 4 of 14 installed Active Directory Cettificate Services File Services @ Network Policy and Access Services @ Web Server (B)	Add Roles
	Active Directory Certificate Services	AD CS Help
	File Services Network Policy and Access Services	NPAS Help
	· [Web Server (IIS)	Web Server (ID) Help
	Q Last Refresh: Today at 12:14 PM Configure refresh	

8. Click on the arrow to the left of **Roles**.



9. Click on the arrow next to the left of **File Services**.



10. Click on the words for **Share and Storage Management**. Please do not click on the arrow for this step.



11. Shares currently available on the LaCie server are listed in the window.

File Action View Help	🚠 Server Manager		- 0 -
 All C Inter Manager (BBOOPRICEPUS) Inter Manager (BBOOP	File Action View Help		
By Store Manager (BBCORREPUS) ⇒ Palos ⇒ Palos ⇒ Palos ⇒ Paloses ⇒ Paloses ⇒ Paloses ⇒ Potocol Storege Management ⇒ Potocol Local Path Quate File Sor Shado Free Sp ⇒ Protocol Local Path Quate File Sor Shado Free Sp ⇒ Protocol Local Path Storege Management ⇒ Potocol Local Path Quate File Sor Shado Free Sp ⇒ Protocol Local Path Storege Management ⇒ Potocol Local Path Quate File Sor Shado Free Sp ⇒ Potocol Local Path Storege Management ⇒ Potocol Local Path Quate File Sor Shado Free Sp ⇒ Potocol SMB ID Rens) ⇒ Disponetics ⇒ Configuration ⇒ Storege ⇒ Storege ⇒ Storege ⇒ Disponetics ⇒ Storege ⇒ Storege ⇒ Disponetics ⇒ Recoded SMB DiServeFidde © STI GB ⊕ Potares SMB DiServeFidde © STI GB ⊕ Potares SMB DiServeFidde © STI GB ⊕ Videos SMB DiServeFidde © STI GB	🗢 🔿 🖄 🖬 📓 🖬		
B Pictures SMB D:\ServeFidder Ø 871 68 B Recoded SMB D:\ServeFidder Ø 871 68 B Videos SMB D:\ServeFidder Ø 871 68	Serer Magner (BIBOFRICE)LUS) Serer Magner (BIBOFRICE)LUS) Soles Soles	Share and Storage Management Share Na [Protocol Local Path Quota File Scr Shado Free Sp Image: Shado Image: Shado	
		Bit Potures SHB D.V.ServerFolder Ø 0/1 GB Bit Recorded Ø 0/1 GB Ø 0/1 GB Bit Recorded Ø 0/1 GB Ø 0/1 GB Bit Videos SHB D.V.ServerFolder Ø 9/1 GB Bit Videos SHB D.V.ServerFolder Ø 9/1 GB	

12. Right-click on Share and Storage Management to select Provision Share...



13. The Provision a Shared Folder Wizard will open.

🤨 Provision a Shared Folder Wizard 📃 💷 📧					- • •
Shared Folde	r Location				
Steps:	Specifu the folder	that you want to	share. On a volume wi	ith appropriate characteristics	
Shared Folder Location	and space, select	t an existing folde	er or create a new one.	If an appropriate volume does	
NTFS Permissions	not exist, click Ph	ovision otorage a	na create one.		
Share Protocols	Location:				
Review Settings and Create				Browse	
Confirmation					
Communication	Available volume	s:			
	Volume	Capacity	Free Space	Туре	
	System	100 MB	71.6 MB	Simple	
	Data (D:)	871 GB	41.7 GB 871 GB	Simple	
	Details Volume: Sys Shadow copie Indexing: Ui Highly availab	tem is: Unknown nknown le server: Volur	ne is not clustered	Provision Storage	Cancel

- 14. Click Browse.
- 15. Select the volume for the NFS share. In this example, we have chosen "d" since it is the LaCie professional storage volume.

Browse For Folder	×
Select a folder	
 SBIGOFFICEPLUS C\$ Client Computer Backups Client S Marketing Music Pictures Recorded TV Videos 	
Folder: d\$ (\\Sbigofficeplus)	
Make New Folder OK Cancel	

16. Click Make New Folder.

Browse For Folder	
Select a folder	
5BIGOFFICEPLUS	
▷ 👷 c\$ ▲ 👰 d\$ 	
▲ Jb ServerFolders	
Lient Computer Backups	
🍰 Documents	
🕌 Marketing	
Jan Music	
Je Pictures	
📕 Recorded TV	
📙 Videos	
Folder: New folder	
Make New Folder OK Cancel	

17. Type the name for the NFS share. We have named this NFS share "Sales".

Browse For Folder	×
Select a folder	
SBIGOFFICEPLUS <t< td=""><td></td></t<>	
Folder: Sales	
Make New Folder OK	iancel

- 18. Click **OK**.
- 19. Once you have returned to the main window for the *Provision a Shared Folder Wizard*, click **Next**.

😥 Provision a Shared Folder Wizard				- • •	
Shared Folder	r Location				
Steps:	Specifu the folder	that you want to	share. On a volume wit	h appropriate characteristics	
Shared Folder Location	and space, selec	t an existing folde	er or create a new one. I	f an appropriate volume does	
NTFS Permissions	not exist, click Pri	ovision Storage a	nd create one.		
Share Protocols	1				
Review Settings and Create	d:\Sales			Browse	
Share	d. 10 dico				
Confirmation	Available volume	s:			
	Volume	Capacity	Free Space	Туре	
	System	100 MB	71.6 MB	Simple	
	Windows (C:)	60.0 GB	41.7 GB	Simple	
	Data (D: J	8/1 GB	8/1 GB	Simple	
	Details Volume: Sys	stem			
	Shadow copie	es: Unknown			
	Indexing: U	nknown			
	Highly available server. Volume is not clustered				
	Provision Storage				
				< Previous Next >	Cancel

20. You may adjust NTFS Permissions in this section. Click **Next** to go to Share Protocols.

novision a Shared Folder V	Wizard	- • •
NTFS Permise	sions	
Steps:	Specify NTES permissions to control how individual users and groups access this folder	
Shared Folder Location	locally. For network access to a shared folder, the more restrictive of the NTFS permissions and the share permissions configured for the share period determine the	
NTFS Permissions	level of access granted to users and groups.	
Share Protocols		
Review Settings and Create Share	Path:	
Confirmation	d:\Sales	
	 Do you want to change the NTFS permissions for this folder? No, do not change NTFS permissions Yes, change NTFS permissions To change NTFS permissions, click Edit Permissions. Edit Permissions 	
	For more information about sharing and permissions, see <u>Managing Permissions</u> for Shared Folders.	
	< Previous Next >	Cancel

21. Check the box next to **NFS** . LaCie does not recommend creating SMB shares here. Please go to <u>Shared</u> <u>Folders - SMB</u> for instructions on creating SMB shares.

😥 Provision a Shared Folder \	Mizard 🗖 🗖 💌
Share Protoco	əls
Steps:	Salant each rintrond over which years can access this shared folder
Shared Folder Location	Select each protocol over which users can access this shared house.
NTFS Permissions	SMB
Share Protocols	Share name:
NFS Authentication	
NFS Permissions	Share path:
Review Settings and Create Share	
Confirmation	V NFS
	Share name:
	Sales
	Share path:
	\\5BIGOFFICEPLUS\Sales
	< <tr> Next > Cancel</tr>

- 22. Click **Next** for NFS Authentication.
- 23. The NFS Authentication window offers advanced parameters to set user access to the NFS share. Please make certain that you know the level of authentication you wish to set. Once you are finished, click **Next**.

😥 Provision a Shared Folder V	Vizard 🗖 🗖 💌
NFS Authentic	ation
Steps: Shared Folder Location NTFS Permissions Share Protocols NFS Authentication NFS Permissions Review Settings and Create Share Confirmation	Specify one or more allowed authentication methods for the share: Kerberos v5 integrity and authentication (Krb5) Kerberos v5 authentication (Krb5) No server authentication (Auth_SYS) Enable unmapped user access Allow unmapped user Unix access (by UID/GID) Allow anonymous access (not recommended) To allow anonymous access (not supported on clusters), modify NTFS permissions on this folder to grant access to the Everyone security group. Permissions: Read & Execute For more information about anonymous access, see Securing Server for NFS. For more information about Kerberos, see <u>What's New</u> . Pervisus Rext >

24. NFS Permissions offers additional control over the users and groups that may access the NFS share. Once you have made your selections, click **Next**.

novision a Shared Folder W	/izard				- • •
NFS Permissio	Ins				
Steps: Shared Folder Location NTFS Permissions Share Protocols NFS Authentication	Specify share permissions for NFS-based access to the shared folder. For network access to a shared folder, the more restrictive of the share permissions and NTFS permissions determine the level of access granted to users or groups. Share path: \\5BIGOFFICEPLUS\Sales				
NF5 Permissions	Groups and ho	st permissions:			
Review Settings and Create Share	Name	Encoding	Access	Root Access	
Confirmation	Add For more info	ES ANSI Edit	Read-Only	Disallowed	Cancel

25. Review and confirm all of your selections.

😥 Provision a Shared Folder V	Mizard	- • •			
Review Settin	ngs and Create Share				
Steps:	To provision a shared folder with the following estimate shell Create. To share a set of				
Shared Folder Location	these setting, click Previous or select the appropriate page in the orientation pane.				
NTFS Permissions					
Share Protocols	Share folder settings:				
NFS Authentication	Share A				
NFS Permissions	Share location: dt\Sales NTFS permissions:				
Review Settings and Create Share	BUILTINVAdministrators = Allow:: Full Control (inherited) BUILTINVAdministrators = Allow:: [inherited] NTAUTHORITYSYSTEM = Allow:: Full Control (inherited)				
Confirmation	NT AUTHORITY/SYSTEM = Allow:: Full Control (inherited) NT AUTHORITY/SYSTEM = Allow:: Full Control (inherited) NT AUTHORITY/Authenbicated Users = Allow:: Modify Read & Execute List NT AUTHORITY/Authenbicated Users = Allow:: Delete (inherited) BUILTIN/Users = Allow:: (inherited) Share over NFS: Sales Allowed authentication: Unmapped User Access: GID/UID Client group and host permissions: Group: ALL MACHINES Encoding: ANSI Access:: Read-Only Root access: Disallowed				
	< >				
	< Previous Create	Cancel			

26. Click Create.

27. A Confirmation window indicates that the NFS share has been created.

Provision a Shared Folder V	Wizard		
Confirmation			
Steps:			
Shared Folder Location	You have successfully com	pleted the Provision a Shared Folder Wizard.	
NTFS Permissions	•		
Share Protocols	Taska E		
NFS Authentication	Tasks Errors		
NFS Permissions	Task	Status	
Review Settings and Create Share	Share over NFS	Success	
Confirmation			
			Close

28. The new NFS Shared Folder appears on the list of *Shares*.

a Server Manager		
File Action View Help		
* + 2 🖬 🖬 🖬		
 Server Manager (SBIGOFFICEPLUS) Roles Roles Roles Active Directory Certificate Services Roles Active Directory Certificate Services DFS Management Postwork Policy and Access Services Web Server (IIS) Features Configuration Storage 	Share and Storage Management Share Management In entries Protocol: SMB (10 items) @# ADMIN\$ SM8 C:/windows @# D\$ SM8 D:/ @# D\$ SM8 D:/ @# D\$ SM8 D:/ @# D\$ SM8 D:/ @# D\$ SM8 D:/ServerFolder @# Maketing SM8 D:/ServerFolder @# Maketing SM8 D:/ServerFolder @# Pictures SM8 D:/ServerFolder @# Videos SM8 D:/ServerFolder @# Videos SM8 D:/ServerFolder @# Videos SM8 D:/ServerFolder @# Sales NFS d'\Sales	