NEW STORAGE VOLUME WIZARD

Build one or two volumes using the New storage volume wizard. You can select:

- = JBOD
- RAID 0 (two disks minimum)
- RAID 1 (two disks minimum for data protection)

Important note on creating a single-disk volume: Single-disk volumes can be created with expansion in mind. For example, you can use the *New storage volume wizard* to create a single-disk volume using JBOD or RAID 1. Though the volume will not provide data protection in a single-disk RAID 1 configuration, it is prepared for expansion when you add a second disk to the enclosure.

Important info: It is recommended that all users back up data to DAS or another NAS as further protection against disk failure or secondary points of failure (e.g. hardware, network, etc.) See <u>Backup Jobs</u> for details.

One disk

Install the disk into the enclosure before following the directions below. For instructions, see <u>Remove/Insert a</u> <u>Hard Disk</u> or <u>Connect to the Network: Diskless LaCie 2big NAS</u>.

1. Select **One new disk** at the top of the left-hand column, then choose **Add storage**.



2. Select Network volume then choose Next.

	1. Type	2. Settings	3. Finish
lect	one of the following:		
•	Network volume Access via your network and sh	are among multiple users. Optimal fo	or sharing data.
0	ISCSI Block-level protocol for a single	user, a SAN, or a cluster environmer	nt.

3. Select the check box under the new disk then choose **Next**.

New storage volume		×
1. Type	2. Settings	3. Finish
Select disk(s):	Drive 1 New 1 TB Drive 2 Empty	
		Cancel Back Next

- 4. The RAID selection window helps you to select the optimal configuration for your environment:
 - Select a RAID mode's radio button to view an explanation of its strengths and weaknesses.
 - Use the cursor to choose the grey *i* tooltip to see a graphic summary of the strengths and weaknesses of each level of RAID.
- 5. Select JBOD or RAID 1, then choose **Next**.

1. Type		2. Settings	3. Finish
Select your choice : 1 JBOD RAID 0 RAID 1	RAID 1 Writes the sam A minimum of 2	e data on each disk (m 2 disks is required to er	nirror). Isure data protection.
	Capacity Protection Performance Scalability	100% ☆☆☆☆☆ ★★☆☆☆☆	
	Available for of (995.4 GB)	lata Used for pr (0 B)	otection Reserved for expansio (0 B)

 Review the summary window then choose Finish. A popup window cautions you that all data on the selected disk will be deleted to create the volume. Select Yes to build the volume.

1. Type	2. Settings	3. Finish	
k Finish to confirm your sel	ection.		
Selected drive	Drive 1		
RAID mode	RAID 1		
Protection	No data protection		
Available for data	995.4 GB		
Used for protection	0 B		
Reserved for expansion	0 B		
Il data on the selected disk	s (Drive 1) will be erased.		

To expand a single-disk volume, see <u>Hard Disk Expansion</u>.

Two disks

Install disks into the enclosure before following the directions below. For instructions, see <u>Remove/Insert a Hard</u> <u>Disk or Connect to the Network: Diskless LaCie 2big NAS</u>.

1. Choose **Add storage** to launch the *New storage volume* wizard.



2. Select Network volume, then choose Next.

	1. Type	2. Settings	3. Finish	
ect	t one of the following:		·	
•	Network volume Access via your network and sh	are among multiple users. Optimal fo	or sharing data.	
0	ISCSI Block-level protocol for a single	user, a SAN, or a cluster environmen	nL.	

3. The *Select disks* window lists all the disks in the enclosure. Select the box under each disk then choose **Next**. All data on the disks will be deleted to create the RAID configuration.

New storage volume		×
1. Type	2. Settings	3. Finish
Select disk(s):	Drive 1 New 3 TB Image: State of the state o	
		Cancel Back Next

- 4. The RAID selection window helps you to select the optimal configuration for your environment:
 - Select a RAID mode's radio button to view an explanation of its strengths and weaknesses.
 - Use the cursor to choose the grey *i* tooltip to see a graphic summary of the strengths and weaknesses of each level of RAID.
- 5. Select the level of RAID that you want then choose **Next**. Note, if you are reconfiguring an existing RAID, the new mode will erase files on the shares but your Dashboard configuration will not be affected.

1. Type		2. Settings	3. Finish	
Select your choice : ① JBOD RAID 0 RAID 1	RAID 1 Writes the sam Data is protected	e data on each disk (mirror). ad if one disk fails.		
	Capacity Protection Performance Scalability	50% ★★☆☆☆ ☆☆☆☆☆ ★★☆☆☆		
	Available for d (3 TB)	lata Used for protection (3 TB)	Reserved for expanse (0 B)	sion

6. Review the summary window then choose **Finish**. A popup window cautions you that all data on the selected disks will be deleted to create the volume. Select **Yes** to build the RAID.

New storage volume

1. Type	2. Settings	3. Finish	
k Finish to confirm your sel	ection.		
Selected drive	Drive 1, Drive 2		
RAID mode	RAID 1		
Protection	Protected if one disk fails		
Available for data	3 TB		
Used for protection	3 TB		
Reserved for expansion	0 B		
Il data on the selected disk	s (Drive 1, Drive 2) will be erased.		