REMOTE BACKUP: RSYNC

Please review the list of prerequisites for a backup to an rsync-compatible server before following the instructions:

- The rsync-compatible NAS must be connected to a network, local or offsite.
- Your rsync-compatible NAS may require a unique username and password to act as a backup destination. Review the user manuals for your rsync-compatible NAS and router.
- Local network: you must have the name or IP address of the rsync-compatible NAS.
- Offsite: you must have its **public IP address**. You can find the public IP address by visiting
 http://www.whatismyip.com/ or by accessing your router's management software. When searching for the
 public IP address, use a computer connected to the same router as the destination NAS. For further
 information, review the user manual for the offsite network router or contact your internet service provider. An
 explanation of IP addressing is available at http://en.wikipedia.org/wiki/IP_address.
- Offsite: you may need to open ports using your router's management software. Review the user manuals for your rsync-compatible NAS and router.

ADDING AN RSYNC BACKUP

- 1. Go to **Dashboard > Backup**.
- 2. Choose **Add backup** to launch the Backup & Restore Wizard.

Jobs NetBackup server Add back Name Mode Status Size Next backup LaCie-5bigNAS Scheduled Done admin 4.2 GB 2013-06-30 23:00 Image: Comparison of the second seco	Backup					6			
Name Mode Status Size Next backup LaCie-5bigNAS Scheduled Done admin 4.2 GB 2013-06-30 23:00 LaCie-NAS2NA Scheduled Done admin 2 GB 2013-06-27 23:00	Jobs	NetBackup se	rver						
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LaCie-5bigNAS Scheduled Done admin 4.2 GB 2013-06-30 23:00 LaCie-NAS2NA Scheduled Done admin 2 GB 2013-06-27 23:00	Name	Mode	Status	1	Size	Next backup			
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	LaCie-NAS	S2NA Scheduled	Done	admin	2 GB	2013-06-27 23:00	ø	1	

3. Select **Network backup** and choose **Next**.

	1. Type	2. Configuration	3. Finish	×
Ba	ckup & Restore Wizard			
Choo	ose one of the following option	ns:		
0	Local backup Back up data to an external disk	or another folder.		
	Network backup Back up data to a local or remote	e network server.		
0	Restore Restore data to your NAS.			
			Cancel	Next

4. Select the share(s) you want to back up and choose **Next**.

1. Type	2. Configuration	3. Finish	×
Select the source folder			
 ✓ 5big NAS Pro ✓ Photos ✓ Public ✓ admin 			
 External ports LaCie4big (USB) 			
		Correct	Maut

5. Select **Rsync-compatible server** and choose **Next**.

	1. Type	2. Configuration	3. Finish	×
Destina	ation server			
O LaC	Cie NAS Backup server must be enal	bled on the destination LaCle NAS.		
Rsy Rsy	nc-compatible server nc must be enabled on the	destination device.		
			Cancel Back	Ne

6. Local network: enter the destination NAS's name or IP address. Offsite network: enter the destination NAS's public IP address. If you do not know the public address for the destination NAS, please refer to the offsite network router's documentation or contact the internet service provider. Choose **Next** to continue.

Rsync server name or IP	10.21.57.42		
Login	Network-Backup		
Password	•••••		
Rsync target	SeagateNAS10 \$	Refresh	

- 7. Enter the login and password for the rsync-compatible NAS (see the rsync-compatible NAS's documentation for details on creating a login and password for network backups). If the destination NAS cannot be found, please make certain that:
 - It is powered on and out of sleep mode.
- The proper IP address has been entered.
- 8. The Advanced parameters window lists four options for your backup job. See the explanations below. It is not mandatory to select one or more of the parameters to continue with the backup:

	1. Type	2. Configuration	3. Finish	×
Ad	vanced parameters			
	Secure data transfers Your data is protected during the	e transfer.		
	Compress data during a t Best for documents with text and	t ransfer 🛕 d small files		
	Send only the modified p Works best with files over 50MB	arts of files 🛕 or if the network has limited bandwidth.		
	Maintain files on the dest Files are never deleted on the d	tination folder estination folder.		
			Cancel Back	Next

- Secure data transfers uses encryption during the data transfer. The data is not encrypted once it is stored on the destination NAS. This option is ideal for offsite backups.
- *Compressing data* optimizes data transmission rates. Data is compressed during the transfer only. While this option is good for low bandwidth networks, it can affect the NAS's performance.
- Sending modified parts of files is best used with backups that include files larger than 50MB. For example, if you edit a document that has already been backed up, only the edits will be copied during the next backup. This option can affect the NAS's performance.
- Maintain files on the destination folder keeps files on the destination NAS even if they are deleted from the

original NAS's source folder.

- 9. Choose Next.
- 10. Set the frequency for the backup.

	1. Type	2. Configuration	3. Finish	×
Ba	ckup mode			
0	Manual Create and initiate backups as	needed.		
•	Scheduled Schedule an automated backup	p: daily, weekly, monthly, or custom.		
			Cancel Back	Next

- *Manual*: You must initiate the backup. See the note below.
- Scheduled: The backup will begin at the scheduled time.
- 11. Enter a name for the backup job then choose **Next**.

1. Type	2. Configuration	3. Finish	×
Choose a backup na	me		
Name your backup job:	Rsync-BU		
		Cancel Back	Next

12. Confirm the backup settings on the *Summary* page. If you wish to begin the backup immediately, keep the box checked below the summary and choose **Finish**.

Summary		
Confirm your settings and	I click Finish.	
Job	Rsync-BU	
Туре	Network backup - Mirror	
Mode	Scheduled	
Schedule	Daily, 23:00	
Source	Photos, admin	
Destination	10.21.57.42/SeagateNAS10	
Advanced parameters		
Advanced parameters	10.21.37.42/Seagatemas to	

The Backup job will appear on the Backup page.

					Add	bacl	cuj
Name	Mode	Status	1	Size	Next backup		
LaCie-5bigN	AS Scheduled	Done	admin	4.2 GB	2013-06-30 23:00	ø	1
LaCie-NAS2	NA Scheduled	Done	admin	2 GB	2013-06-27 23:00	ø	1
Rsync-BU	Scheduled	19%	_] admin			0	

Note on Manual Backups: A manual backup must be started by the administrator:

1. Go to **Dashboard > Backup**.

2. Locate the manual backup job you wish to start then click on its grey arrow icon on the far right.