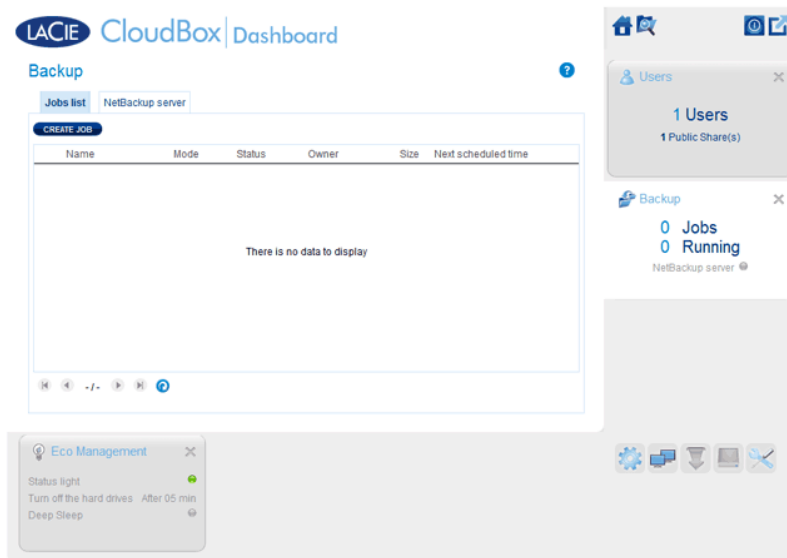


## 5.E BACK UP YOUR CLOUDBOX USING THE DASHBOARD



The Backup page helps the administrator and users configure *Backup and Restore Jobs* of data stored on the LaCie CloudBox. A backup job can be:

- An automated backup that runs daily, weekly, or monthly.
- A restore of all or select files from a backup.

The Backup page features a **Backup & Restore Wizard** to guide you through the setup. Types of backup for public and private access folders:

- **Local (Folder-to-Folder):** *User Folder A* on a LaCie CloudBox to *Family* on the same LaCie CloudBox. When you back up files from one folder to another folder on the same CloudBox, the system keeps up to 10 copies of the backup job. Each iteration of a backup job has a specific date and time giving you the flexibility to restore earlier versions of files. This can be helpful if someone has deleted or made revisions to a document and you wish to revert to an earlier version.
- **Remote Network Backup (Home):** A folder on the LaCie CloudBox to a folder on a second LaCie network attached storage (NAS) on your home network. For example, *User Folder A* on LaCie CloudBox A in your home to LaCie CloudBox B in your home.
- **Remote Network Backup (Offsite):** A folder on the LaCie CloudBox to a folder on a second LaCie network attached storage (NAS) outside of your home. For example, *Private Access Folder A* on LaCie CloudBox A in your home to LaCie CloudBox B at a friend's home.

**Important info:** Your LaCie CloudBox gives you the option to move data between its volumes. However, since data is copied to the same hard drive, it is **not a valid backup**. If the hard drive fails, all data on all volumes will be lost. Therefore, LaCie highly recommends that users back up data to a second NAS or a hard drive connected to a computer.

### Backup Examples:

*Backup:* To prevent data loss due to drive failure, fire, flood, or theft, you wish to back up folders on a LaCie CloudBox in your home to a LaCie CloudBox at your parents' home. You can use the Backup page to set up a remote backup to a LaCie CloudBox that is in another location (offsite).

*Restore:* Someone in the household accidentally deleted an important term paper from his personal folder. Thankfully, he backed up his personal folder every night onto the Family folder on the same LaCie CloudBox. Use the Backup page to begin a Restore Job to retrieve the missing document.

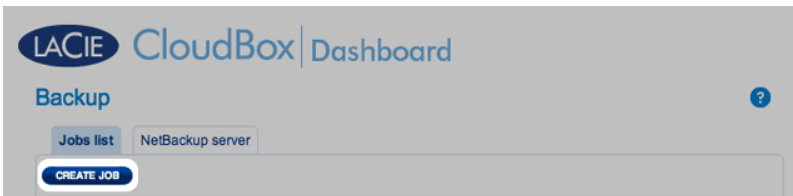
**Important info:** Depending upon the amount of data you intend to backup and the speed of your network, the first backup may take several hours or, in the case of offsite backups, several days.

**Folders or Shares?:** In general, this user manual refers to the Family folder and private access folders as *folders*. The public access folder and private access folders on your LaCie CloudBox may also be called *shares*. A share is a common networking term used to describe a particular volume, partition, or folder.

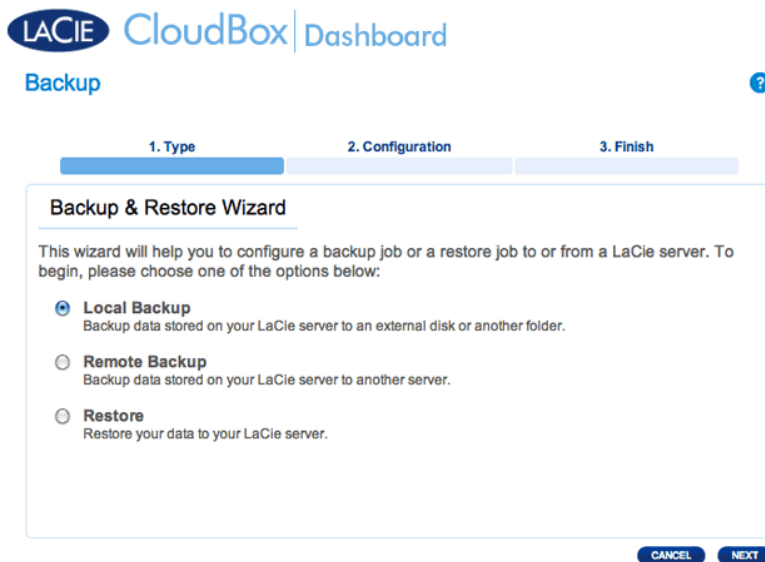
## SET UP A LOCAL BACKUP (FOLDER-TO-FOLDER)

Local

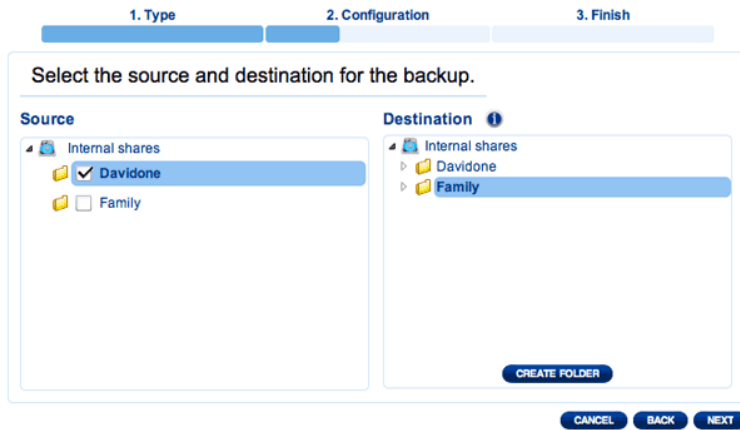
1. Choose the **Backup** page in the Dashboard.
2. Click the **CREATE JOB** button.



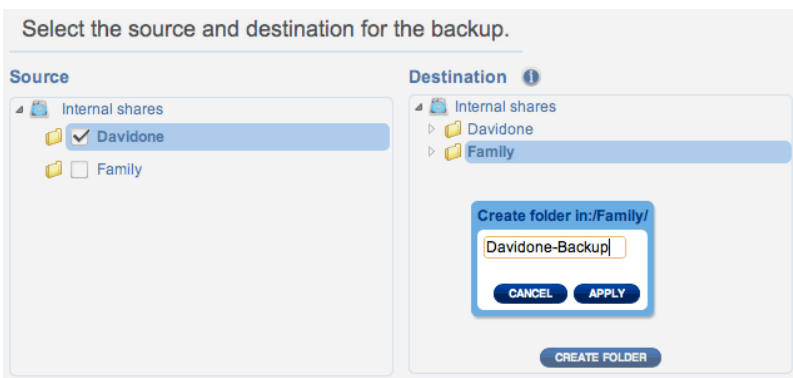
3. Select **Local Backup** then click **Next**.



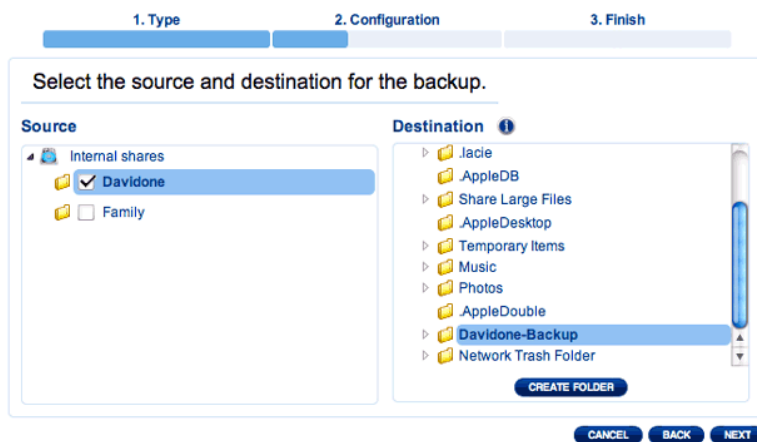
4. Under **Source** on the left, select the *Internal Share(s)* you wish to backup. In this example, we will choose *Davidone*.



- Under **Destination** on the right, select the *Internal Share* you wish to use for the backup. LaCie highly recommends that you create a folder inside the share to store the backup. Click on the **CREATE FOLDER** button to add a folder to the share.



- Click **NEXT**.



- Select **Manual** or **Scheduled** then click **NEXT**.

**Backup** ?

1. Type      2. Configuration      3. Finish

**Select a Backup mode**

**Manual**  
Create and initiate backups as needed.

**Scheduled**  
Schedule an automated backup: daily, weekly, monthly, or custom.

8. (Skip this step if you chose *Manual*) Select the frequency for your backup and the time of day. Click **NEXT**.

**Backup** ?

1. Type      2. Configuration      3. Finish

**Choose the backup schedule**

Daily    Weekly    Monthly

Backup time:

9. Enter a name for the backup job then click **NEXT**.

**Backup** ?

1. Type      2. Configuration      3. Finish

**Choose a backup name**

Name your backup job:

10. Confirm the backup settings on the *Backup summary*. If you wish to begin the backup immediately, keep the box checked next to **Start the backup immediately**, and click **FINISH**.

## Backup



1. Type      2. Configuration      3. Finish

### Backup summary

Please confirm your backup settings before selecting FINISH.

Job	Davidone-BU
Backup Type	Local Backup - Full
Backup Mode	Scheduled
Shared folders to back up	/Davidone/
Destination	/Family/Davidone-Backup
Backup Schedule	Daily, at 08:00

**Start the backup immediately.**  
Check this box to begin the backup after you click FINISH.

**CANCEL**   **BACK**   **FINISH**

The Backup Job will appear on the Backup page.

## Backup



Jobs list    NetBackup server

**CREATE JOB**

Name	Mode	Status	Owner	Size	Next scheduled time	
Davidone-BU	Scheduled	Done	Davidone	12 KB	2012-09-25 08:00	

1 / 1

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

1. Choose the **Backup** page in the Dashboard.
2. Locate the manual backup job you wish to start then click on its grey arrow icon on the far right.

## SET UP REMOTE BACKUPS

Remote backups will copy data from a folder on your LaCie CloudBox to a folder on a second network attached storage, also known as NAS. A second NAS could be another LaCie CloudBox or an alternative LaCie NAS device (see [LaCie Network Storage](#) for details). The folder that you wish to back up on your LaCie CloudBox is the *Source*. The second NAS is the *Destination* hard drive that will store the backup.

Source NAS	Destination NAS	Destination NAS Location	Destination Folder	Type of Remote Backup
LaCie CloudBox A at home	LaCie CloudBox B or a third-party rsync compatible NAS (see note on <i>rsync</i> below)	Home network	Network Backup Share (see <a href="#">Network Backup Share</a> )	Home NAS-to-NAS
LaCie CloudBox A at home	LaCie CloudBox B or a third-party rsync compatible NAS (see note on <i>rsync</i> below)	Network outside of the home (e.g. a relative or friend's home)	Network Backup Share (see <a href="#">Network Backup Share</a> )	Offsite NAS-to-NAS

**Note on rsync:** A complete explanation of the networking term *rsync* is beyond the scope of this user manual. For your CloudBox, rsync is used to indicate compatibility for data transfers/backups to non-LaCie (third-party) network hard drives. For more information on rsync, see <http://en.wikipedia.org/wiki/Rsync>.

### Network Backup Share

All Remote Backups from your LaCie CloudBox must be copied to a special share called *Network Backup* on the Destination NAS. Therefore, it is important to enable the Network Backup Share on the destination NAS before setting up a remote backup.

Enable the Network Backup Share

1. Launch the Dashboard for the **Destination NAS**.
2. Choose the **Backup** page in the Dashboard and select the tab **Network Backup server**.



3. Click on **ENABLE**.



4. At the prompt, enter and confirm a password then click **APPLY**. The password can be different from the password you used for your personal folder/Dashboard. Your Network Backup password will be needed when you set up a Remote Backup.



5. With Network Backup enabled, the Dashboard provides a summary page of the settings. You may refer to this page if you forget the password or you wish to disable the Network Backup share.

**Important info:**

- The Network Backup Share can only be accessed by the administrator of the CloudBox/NAS.
- The administrator can find the Network Backup password if it is forgotten. Go to the Network Backup tab and click on the magnifying glass icon.



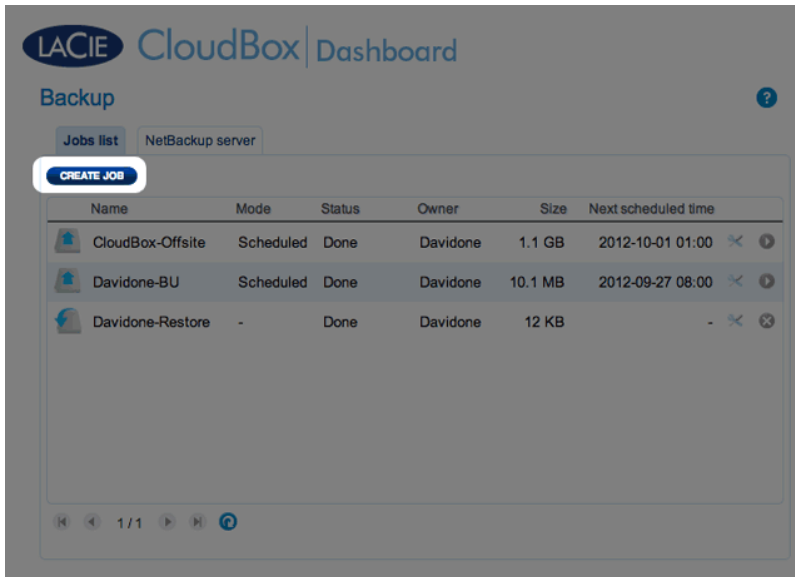
## Remote Backup: Home

Set up

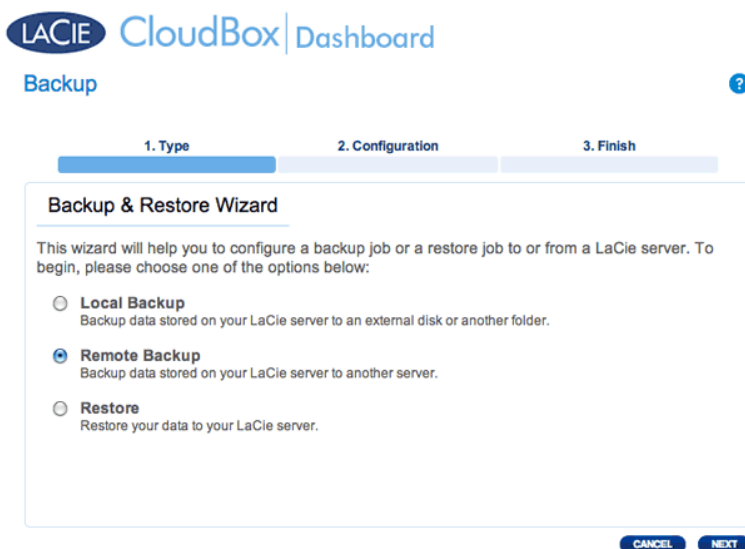
Before following the instructions below, please make certain that:

- The Destination NAS is connected to the same network as your LaCie CloudBox and that it is powered on.
- The Network Backup Share has been enabled on the Destination NAS.

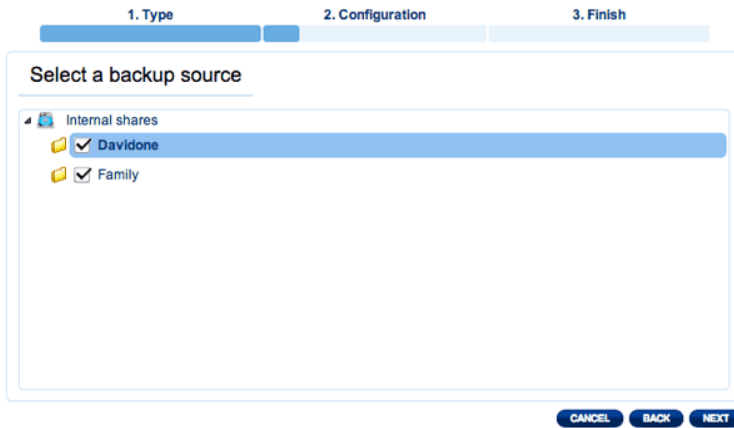
1. Go to your LaCie CloudBox Dashboard ([Log on to the Dashboard](#)) to select the Backup page.
2. Click the **CREATE JOB** button. to launch the Backup & Restore Wizard.



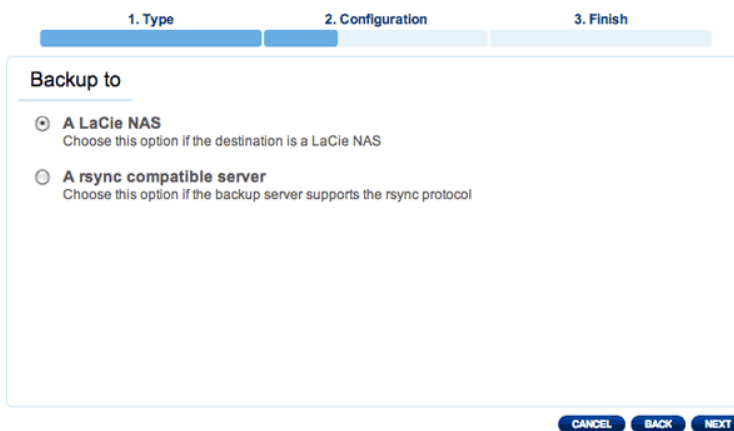
3. Select **Remote Backup** and click **NEXT**.



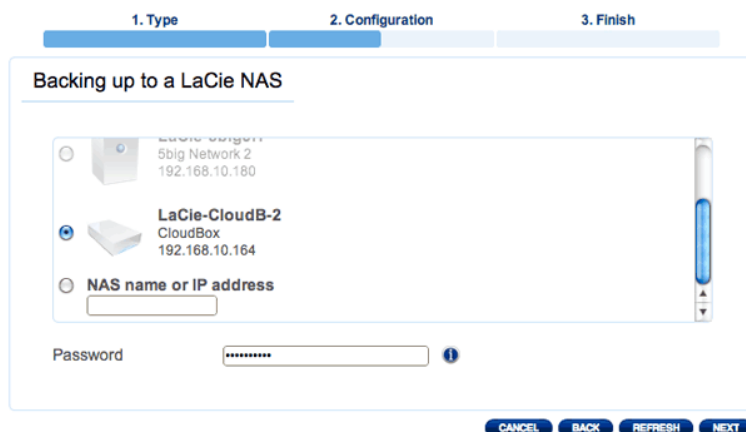
4. Select the share(s) you want to back up. Please note that shares are also called folders.



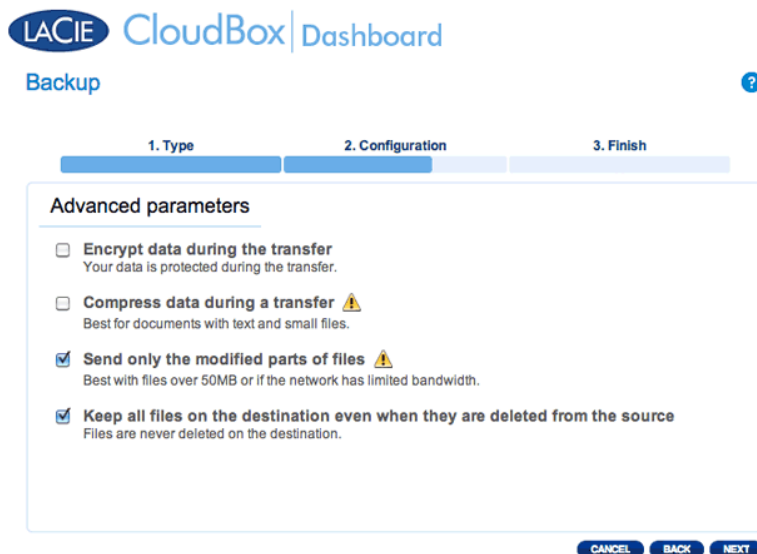
5. Select **A LaCie NAS** to back up to another LaCie CloudBox or another LaCie network storage device. The steps that follow do not cover backups to third-party network storage devices that are compatible with sync. If you are backing up to an rsync compatible server, please follow the directions provided by the Dashboard.



6. Click **NEXT**.
7. The second LaCie CloudBox or LaCie NAS that you are using as a Destination NAS should appear. Select it and enter the Network Backup password for the Destination NAS. Click **NEXT**. (See the section on Network Backup for further information on the Destination NAS password.)



- If the LaCie NAS is listed but cannot be selected, you must enable Network Backup Server. See the instructions above, [Network Backup Share](#).
  - If the LaCie NAS does not appear on the list, please make certain it is powered on and out of sleep mode ([Dashboard Eco Management](#)).
8. The Advanced Parameters window lists four options for your backup (Please note that you do not have to select one or more of the Advanced parameters to continue with the backup.):



- Encryption provides secure data transfers over the network. This is ideal for offsite backups.
  - Compressing data will optimize data transmission rates. This is ideal for low bandwidth networks.
  - Sending modified parts of files is best used with backups that include files larger than 50MB. For example, if you edit a Word document that has already been backed up, only the edits will be copied during the next backup.
  - You can leave data on the Destination NAS even if it is deleted from your LaCie CloudBox. Please note that this will take up a good amount of storage on your Destination NAS.
9. Click **NEXT**.
10. Set the frequency for the backup.



1. Type      2. Configuration      3. Finish

**Select a Backup mode**

**Manual**  
Create and initiate backups as needed.

**Scheduled**  
Schedule an automated backup: daily, weekly, monthly, or custom.

CANCEL   BACK   NEXT

- *Manual*: You must initiate the backup.
- *Scheduled*: The backup will begin at the scheduled time.



1. Type      2. Configuration      3. Finish

**Choose the backup schedule**

Daily    Weekly    Monthly

Backup day: Thursday

Backup time: 02:00

CANCEL   BACK   NEXT

11. Enter a name for the backup job then click **NEXT**.



1. Type      2. Configuration      3. Finish

**Choose a backup name**

Name your backup job: CB1-to-CB2

CANCEL   BACK   NEXT

12. Review the summary page then click **FINISH**.



1. Type      2. Configuration      3. Finish

---

**Backup summary**

Please confirm your backup settings before selecting FINISH.

<b>Job</b>	CB1-to-CB2
<b>Backup Type</b>	Remote Backup - Mirror
<b>Backup Mode</b>	Scheduled
<b>Shared folders to back up</b>	/Davidone/, /Family/
<b>Destination</b>	A LaCie NAS - //LaCie-CloudB-2/NetBackup
<b>Advanced parameters</b>	Send only modified parts of files, Never delete files on the destination
<b>Backup Schedule</b>	Weekly, every Thursday at 02:00

**Start the backup immediately.**  
Check this box to begin the backup after you click FINISH.

The backup will be listed on the Dashboard Backup page.



Jobs list      NetBackup server

CREATE JOB

Name	Mode	Status	Owner	Size	Next scheduled time	
CB1-to-CB2	Scheduled	<div style="width: 100%;"></div>	Davidone	-	-	
CloudBox-Offsite	Scheduled	Done	Davidone	1.1 GB	2012-10-01 01:00	
Davidone-BU	Scheduled	Done	Davidone	10.1 MB	2012-09-27 08:00	
Davidone-Restore	-	Done	Davidone	12 KB	-	

1 / 1

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

1. Choose the **Backup** page in the Dashboard.
2. Locate the manual backup job you wish to start then click on its grey arrow icon on the far right.

## Remote Backup: Offsite

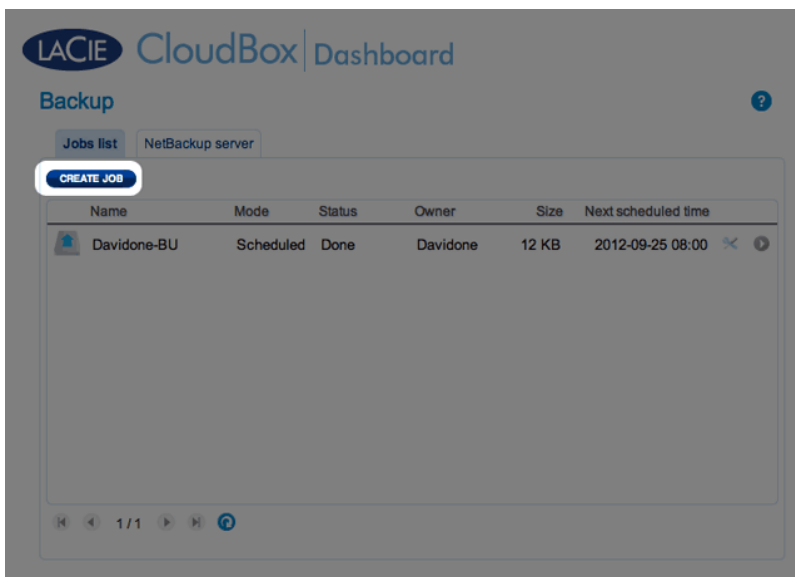
### Set up

Please review the list of prerequisites for an offsite backup before following the instructions:

- The Destination NAS is connected to an offsite network and powered on.
- You must have the **public IP address** for the Destination NAS. The public IP address has been assigned to your router by an internet service provider. You can find the public IP address by clicking [here](#) 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](http://en.wikipedia.org/wiki/IP_address).
- Use your router's management software at the offsite location to open port numbers 22 and 873 to the Destination NAS. (To learn how to open ports on your router, review the user manual for the offsite network router or contact your internet service provider.)
- Enable the Network Backup Share on the Destination NAS [Network Backup Share](#).

### Offsite Backup Setup

1. Go to your LaCie CloudBox Dashboard to select the Backup page.
2. Click the **CREATE JOB** button. to launch the Backup & Restore Wizard.



3. Select **Remote Backup** and click **NEXT**.



1. Type      2. Configuration      3. Finish

**Backup & Restore Wizard**

This wizard will help you to configure a backup job or a restore job to or from a LaCie server. To begin, please choose one of the options below:

- Local Backup**  
Backup data stored on your LaCie server to an external disk or another folder.
- Remote Backup**  
Backup data stored on your LaCie server to another server.
- Restore**  
Restore your data to your LaCie server.

**CANCEL**   **NEXT**

4. Select the share(s) you want to back up. Please note that shares are also called folders.



1. Type      2. Configuration      3. Finish

**Select a backup source**

Internal shares

- Davidone
- Family

**CANCEL**   **BACK**   **NEXT**

5. Select **A LaCie NAS** to back up to another LaCie CloudBox or another LaCie network storage device. The steps that follow do not cover backups to third-party network storage devices that are compatible with sync. If you are backing up to an rsync compatible server, please follow the directions provided by the Dashboard.



1. Type      2. Configuration      3. Finish

**Backup to**

**A LaCie NAS**  
Choose this option if the destination is a LaCie NAS

**A rsync compatible server**  
Choose this option if the backup server supports the rsync protocol

6. Click **NEXT**.

7. To send the backup to the offsite Destination NAS, choose **NAS name or IP address** then enter the public IP address. If you do not know the public address for the Destination NAS, please refer to the user manual for the offsite network router or contact the internet service provider. Select **NEXT** to continue.



1. Type      2. Configuration      3. Finish

**Backing up to a LaCie NAS**

5big Network 2  
192.168.10.151

LaCie5bigProGP  
5big Pro NAS  
192.168.10.126

**NAS name or IP address**

Password  ⓘ

8. The Backup & Restore Wizard will search for the Destination NAS. If the Destination NAS cannot be found, please make certain that:

- It is powered on and out of sleep mode ([Eco Mode](#)).
- Network Backup Server has been enabled. See the instructions above, [Network Backup Share](#).
- The proper IP address has been entered. You must use the public IP address rather than the IP address generated for the network.

9. The Advanced Parameters window lists four options for your backup (Please note that you do not have to select one or more of the Advanced parameters to continue with the backup.):





1. Type      2. Configuration      3. Finish

**Advanced parameters**

- Encrypt data during the transfer**  
Your data is protected during the transfer.
- Compress data during a transfer** ⚠️  
Best for documents with text and small files.
- Send only the modified parts of files** ⚠️  
Best with files over 50MB or if the network has limited bandwidth.
- Keep all files on the destination even when they are deleted from the source**  
Files are never deleted on the destination.

- Encryption provides secure data transfers over the network. This is ideal for offsite backups.
- Compressing data will optimize data transmission rates. This is ideal for low bandwidth networks.
- Sending modified parts of files is best used with backups that include files larger than 50MB. For example, if you edit a Word document that has already been backed up, only the edits will be copied during the next backup.
- You can leave data on the Destination NAS even if it is deleted from your LaCie CloudBox. Please note that this will take up a good amount of storage on your Destination NAS.

10. Click **NEXT**.

11. Select the frequency of the backup.



1. Type      2. Configuration      3. Finish

**Select a Backup mode**

- Manual**  
Create and initiate backups as needed.
- Scheduled**  
Schedule an automated backup: daily, weekly, monthly, or custom.

- *Manual*: You must initiate the backup.
- *Scheduled*: The backup will begin at the scheduled time.



1. Type      2. Configuration      3. Finish

Choose the backup schedule

Daily    Weekly    Monthly

Backup day:

Backup time:  :

CANCEL   BACK   NEXT

12. Enter a name for the backup job then click **NEXT**.



1. Type      2. Configuration      3. Finish

Choose a backup name

Name your backup job:

CANCEL   BACK   NEXT

13. Review the summary page then click **FINISH**.



1. Type      2. Configuration      3. Finish

**Backup summary**

Please confirm your backup settings before selecting FINISH.

Job	CloudBox-Offsite
Backup Type	Remote Backup - Mirror
Backup Mode	Scheduled
Shared folders to back up	/Family/
Destination	A LaCie NAS - //101.45.28.65/NetBackup
Advanced parameters	
Backup Schedule	Weekly, every Monday at 01:00

**Start the backup immediately.**  
Check this box to begin the backup after you click FINISH.

The Backup Job will appear on the Backup page.



Jobs list      NetBackup server

CREATE JOB

Name	Mode	Status	Owner	Size	Next scheduled time	
CloudBox-Offsite	Scheduled	Done	Davidone	1.1 GB	2012-10-01 01:00	⌂ ⌂
Davidone-BU	Scheduled	Done	Davidone	12 KB	2012-09-25 08:00	⌂ ⌂

⏪ ⏩ 1 / 1 ⏪ ⏩ ⌂

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

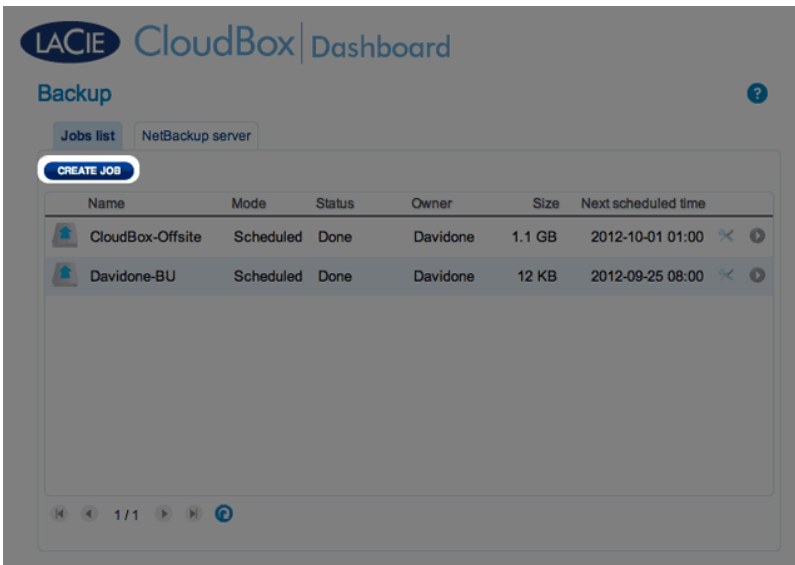
1. Choose the **Backup** page in the Dashboard.
2. Locate the manual backup job you wish to start then click on its grey arrow icon on the far right.

# RESTORE A LOCAL BACKUP

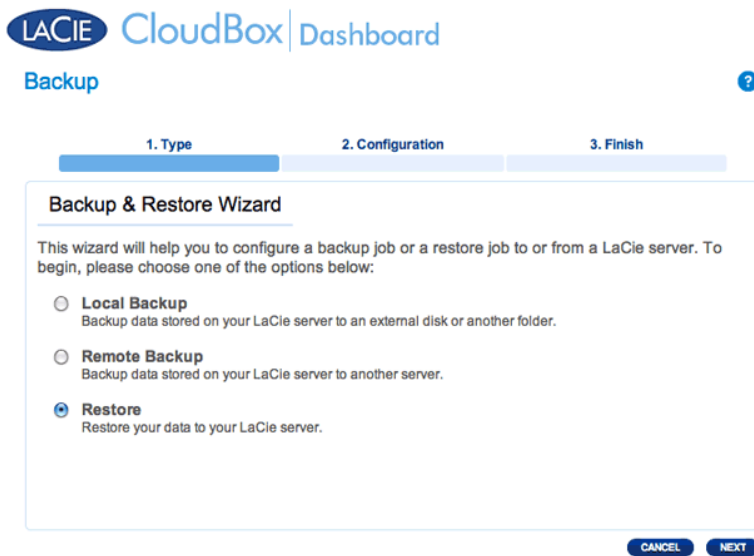
**Restore and Remote Backups:** Remote Backups cannot be restored using the Backup & Restore Wizard. You can retrieve backup files directly from the backup disk.

## Setup

1. Launch the CloudBox Dashboard ([Log on to the Dashboard](#)) to select the Backup page.
2. Click the **CREATE JOB** button.



3. Select **Restore**, then click **NEXT**.



4. Select a restore type, either from an existing backup job, or from a backup folder. Click **NEXT**.



1. Type      2. Configuration      3. Finish

**Select the source you wish to restore.**

Select a backup job to restore or restore data from a storage volume:

**Restore from a backup job:** Davidone-BU  
Restore data from a backup job.

**Restore data from a backup folder**  
You may select the backup folder during the next step.

CANCEL    BACK    NEXT

- Backup job: select the backup job from the pulldown menu then click **NEXT**.
- Backup folder: browse for the source folder with your backup. Valid backups have a red folder icon. Choose the backup directory, then click **NEXT**.



1. Type      2. Configuration      3. Finish

**Select a LaCie Backup to restore**

- ▶ .Iacie
- ▶ AppleDB
- ▶ Share Large Files
- ▶ .AppleDesktop
- ▶ Temporary Items
- ▶ Music
- ▶ Photos
- ▶ .AppleDouble
- ▶ Davidone-Backup
  - ▶ **Davidone-BU**
  - ▶ .AppleDouble
- ▶ Network Trash Folder

CANCEL    BACK    NEXT

5. Review the summary of the backup then select **NEXT**.

1. Type      2. Configuration      3. Finish

### Backup information

Details from the selected backup.

Job	Davidone-BU
Backup Type	Full
Shared folders to back up	/Davidone
Destination	/Family/Davidone-Backup

CANCEL   BACK   NEXT

6. Select the last backup or choose an earlier *restore point*. To simplify, a restore point is the date for a backup. You can select an earlier restore point from the calendar and the time from the drop-down menu. Click **NEXT**.

1. Type      2. Configuration      3. Finish

### Select a restore point

Last backup (2012-09-24 15:50)  
 Restore points by date

Select the restore point date

2012 Sep						
M	T	W	T	F	S	S
27	28	29	30	31	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7

Select the restore point time

▾

CANCEL   BACK   NEXT

7. Choose where to restore the backup.

1. Type      2. Configuration      3. Finish

Select the destination

- Restore to the initial folders:  
**All data stored in the initial folders will be replaced by data stored on the backup.**  
/Davidone
- Restore to a specific folder: **BROWSE**

Remove all files from the destination before starting the job.  
**All data on the destination will be erased before the restore begins.**

**CANCEL** **BACK** **NEXT**

- Restore to the initial location of the data, which will save over the source folder. This gives priority to the backup and will replace it with all the data from the backup. **All changes since the date of the backup will be lost.**

**Warning**

You have chosen to erase all data on the destination before the restore begins.

**CANCEL** **CONTINUE**

- If you want to restore the backup to a specific folder, click this option to **BROWSE** for the destination. Click **APPLY**.
  - To free disk space, you can choose to clear the source before the job starts. By checking the box in this step, all data will be erased in the source directory. Before continuing to the next step, a prompt will ask you to acknowledge that all data will be erased in the source before the restore begins.
8. Name the restore job, then click **NEXT**.

1. Type      2. Configuration      3. Finish

Choose a restore name

Name your restore job:

**CANCEL** **BACK** **NEXT**

9. Review the summary for the restore job then click **FINISH** to add the job.



1. Type      2. Configuration      3. Finish

**Restore summary**

Please review your restore settings before selecting FINISH to save them.

<b>Job</b>	Davidone-Restore
<b>Source</b>	/Family/Davidone-Backup/Davidone-BU
<b>Destination</b>	Same as origin
<b>Restoration date</b>	2012-09-24 15:50
<b>Erase destination before</b>	Yes

CANCEL BACK FINISH

10. The Restore Job has been added to the list.



Jobs list    NetBackup server

**CREATE JOB**

Name	Mode	Status	Owner	Size	Next scheduled time		
CloudBox-Offsite	Scheduled	Done	Davidone	1.1 GB	2012-10-01 01:00		
Davidone-BU	Scheduled	Done	Davidone	12 KB	2012-09-25 08:00		
Davidone-Restore	-	Done	Davidone	12 KB	-		

1 / 1

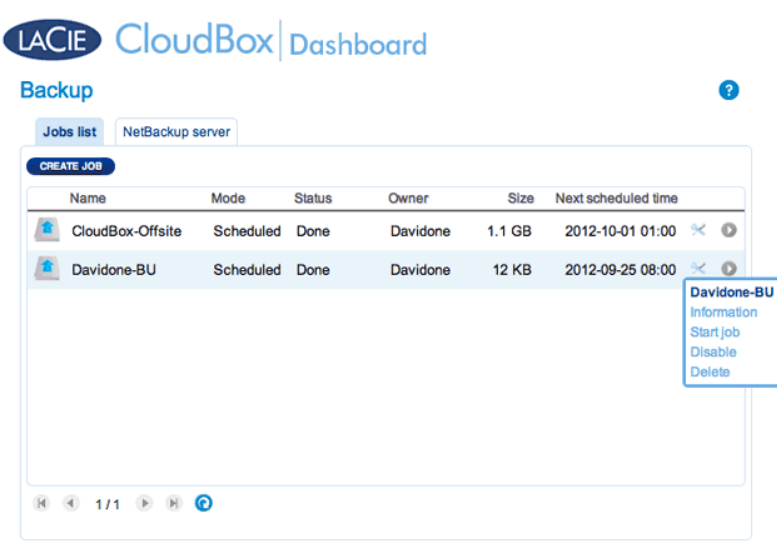


# MODIFY EXISTING JOBS

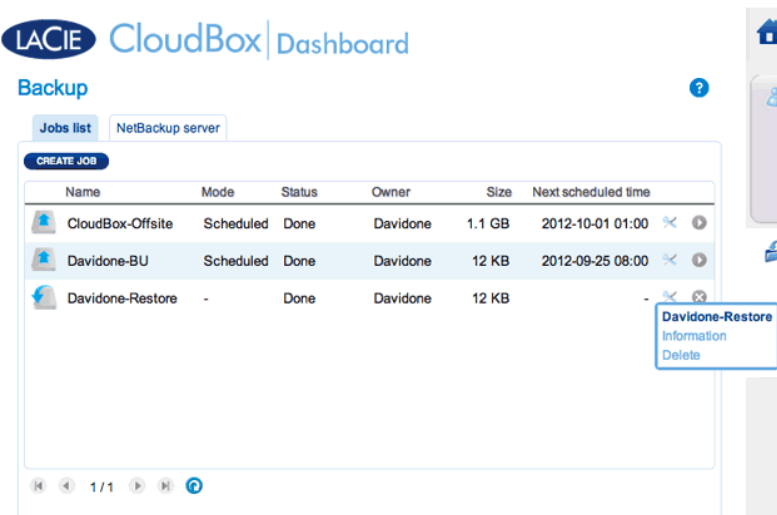
Revise Backup and Restore Jobs

On the Dashboard Backup page, click the configuration icon (intertwined screwdriver and wrench) on the far-right column. You can get detailed information on a job or choose start/delete/enable/disable.

If you disable a scheduled job, it will not run until it is enabled again.



## Modify a Backup Job



## Modify a Restore Job