

Backing up with Macrium Reflect

By Dick Evans

There are a number of programs out there to backup to an image your entire hard drive. This one seems to be the best and is the one taught at the club. I also have used EaseUS TODO Free and have found it great as well. This white paper is meant to show you step by step how to download and install the Macrium Reflect program and then how to make a backup, step by step. It is not meant to teach you all the ins and outs of Reflect; just the basics to get the job done.

What you need:

- A Windows computer connected to the internet and plugged into the wall, not on battery power.
- An external or portable hard drive with enough empty space on it to hold all the files on your computer's hard drive.

Download and Install the software

Open a browser and then locate the club's site at <http://cccgc.info>

Notice the Links on the right side of the home page. If you have a 64bit computer, click the Macrium Reflect 64bit link. If a 32bit computer, click the 32bit link.

Links

- [Dick Evans Class Blog](#)
- [EaseUS Directions](#)
- [EaseUS Todo Backup Free](#)
- [Google Earth Download](#)
- [Google Photos](#)
- [Macrium Reflect 32bit](#)
- [Macrium Reflect 64bit](#)
- [Scott's iPad Class Links](#)
- [Smart TV, Scott Baty](#)
- [Win 10 Upgrade Notification](#)



Macrium Reflect 6.0.685 (32-bit)

Date added: June, 18th 2015 - Freeware

[Download Now](#)

(37.9 MB) Safe & Secure

[Features](#)

[Screenshots](#)

[Change Log](#)

[Old Versions](#)

Latest Version:	Macrium Reflect 6.0.685 (32-bit) LATEST
Requirements:	Windows XP / Vista / Windows 7 / Windows 8
User Rating:	★★★★☆ Click to vote
Author / Product:	Paramount Software UK Ltd / Macrium Reflect (32-bit)
Old Versions:	Select Version <input type="text"/> +

Share with Friends



Categories

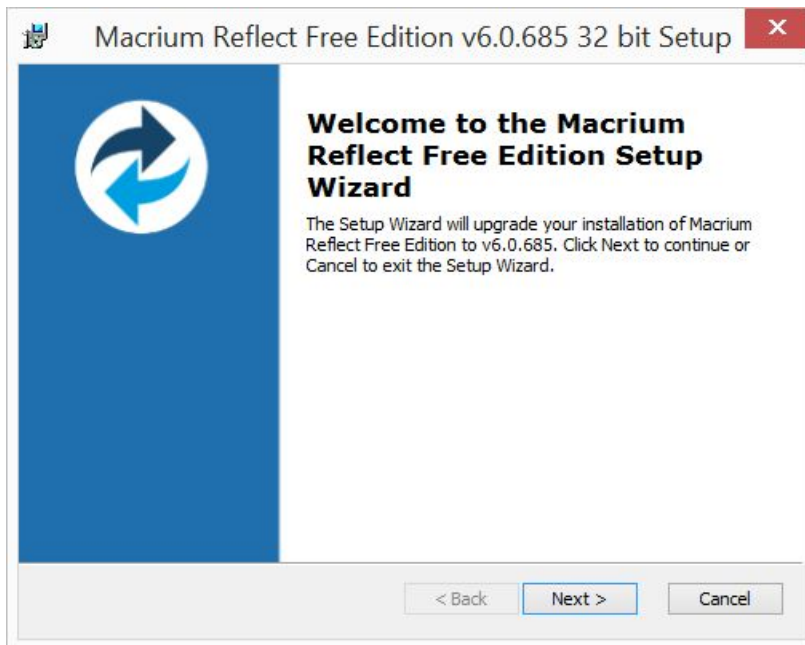
- [Anti-Spyware](#)
- [Anti-Virus](#)
- [Benchmarking](#)
- [Browsers and Plugins](#)

Click the green Download Now button. Do NOT click to download anything else. The file is about 38mb so it will take a few minutes to download depending on the speed of your internet connection. When the download has finished locate the reflect_setup_free... file in your download area and then click it to start the install.

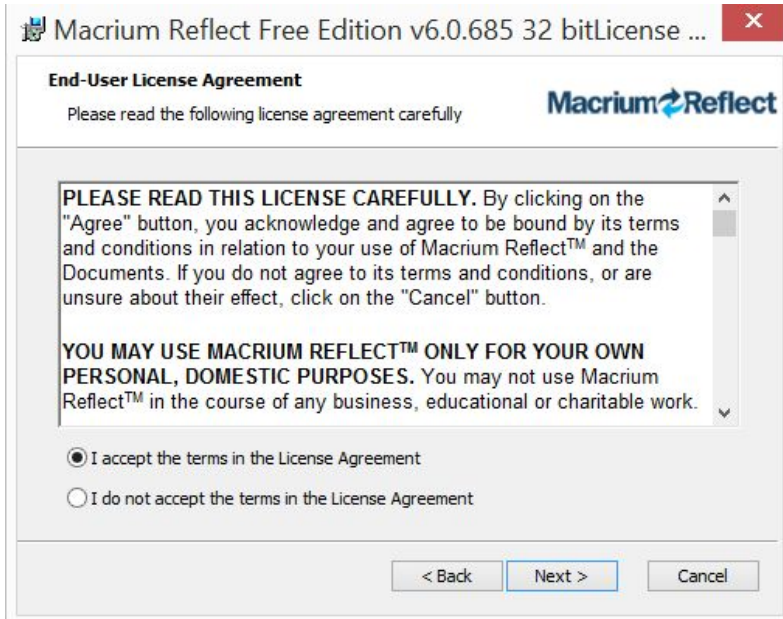
Click yes to allow the setup program to run.



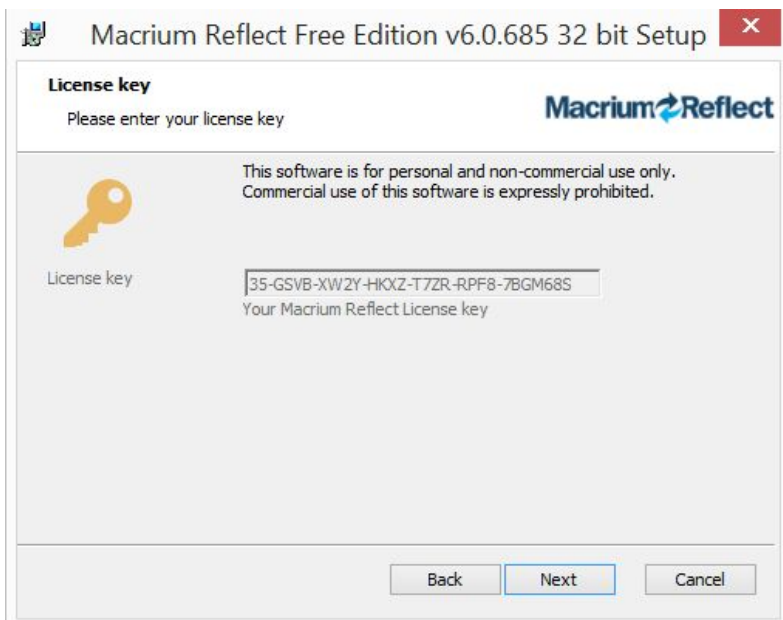
Click **Next** to start the installation. The install will take a few minutes to complete so be patient.



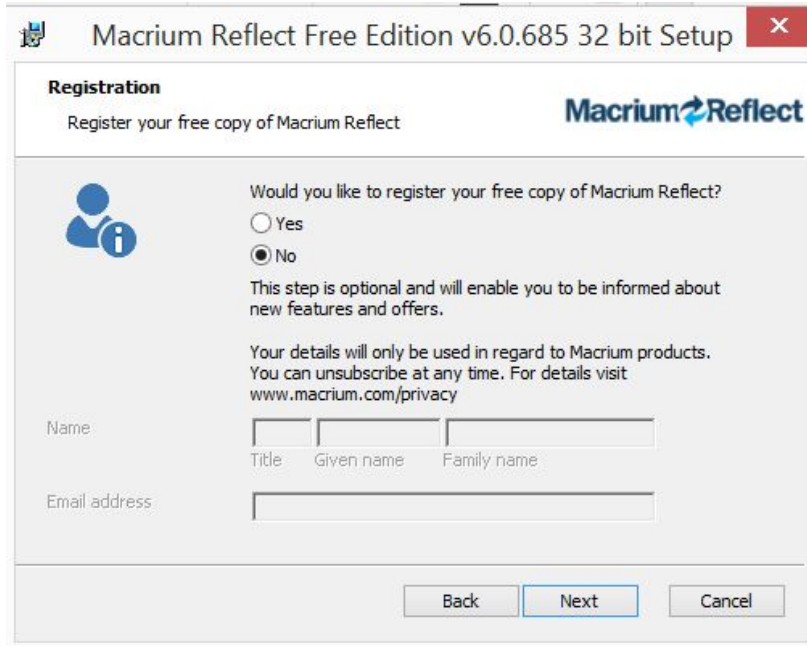
Click **Next** to continue the install



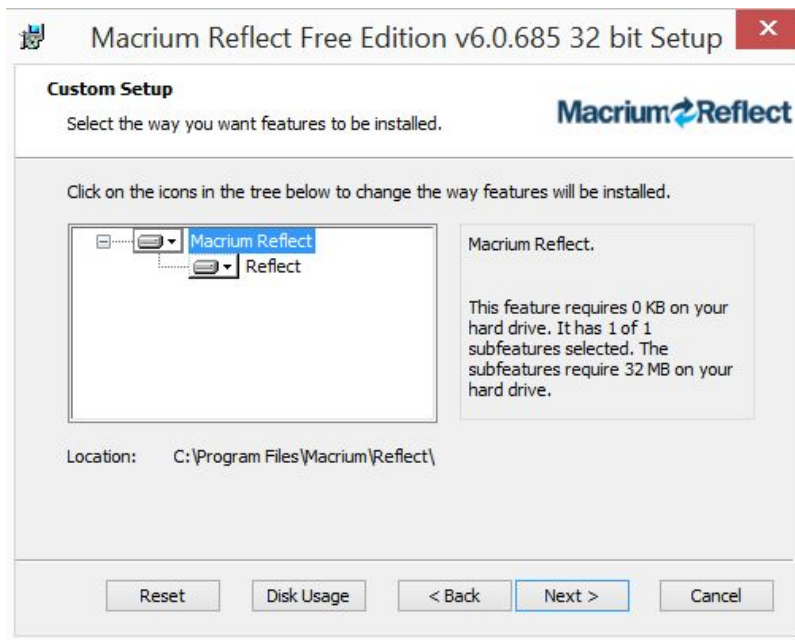
Click the top radio button to accept the terms, then click **Next**



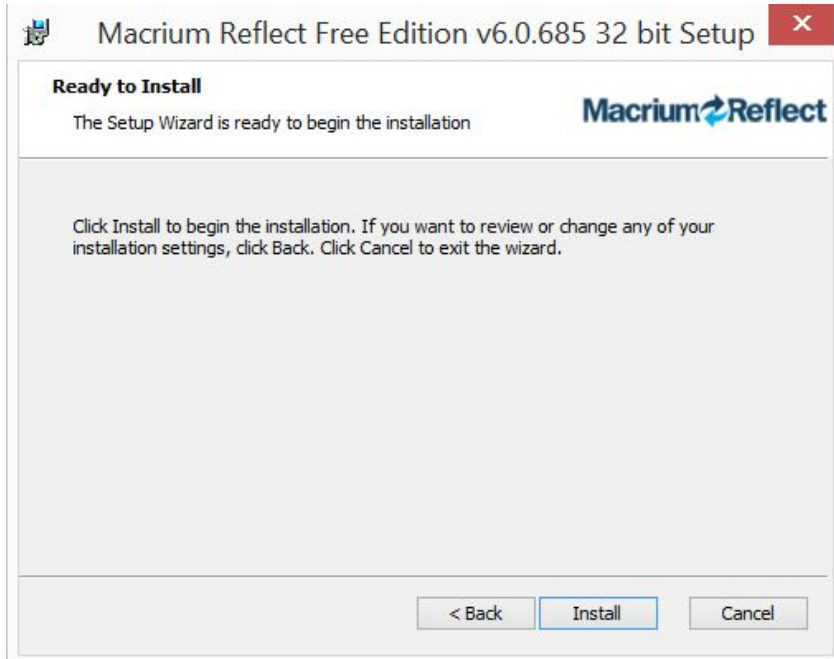
the License key is free and already entered for you. **Click Next** to continue.



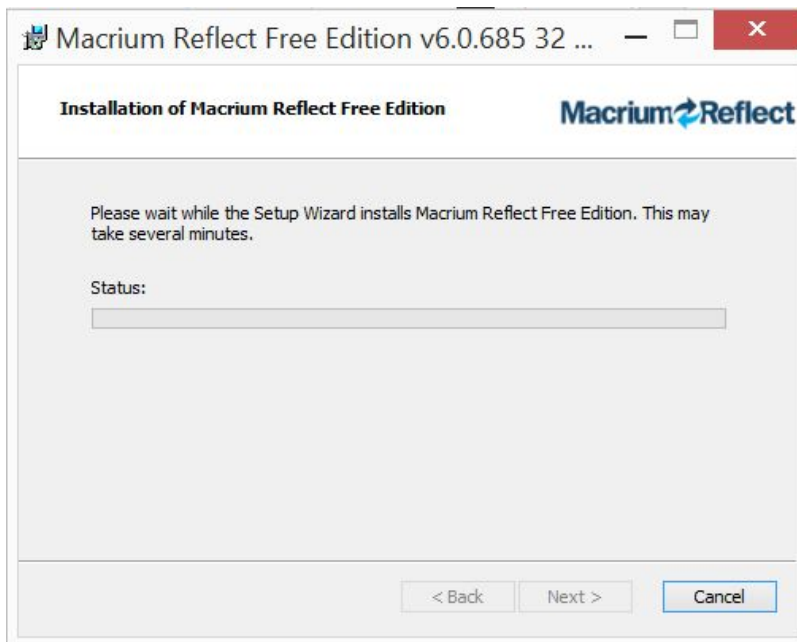
If you would like to receive update information by email from Macrium, click the Yes radio button and enter your name and email address. If not, **click the No radio button**. **Click Next** to continue the install.



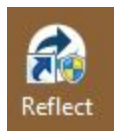
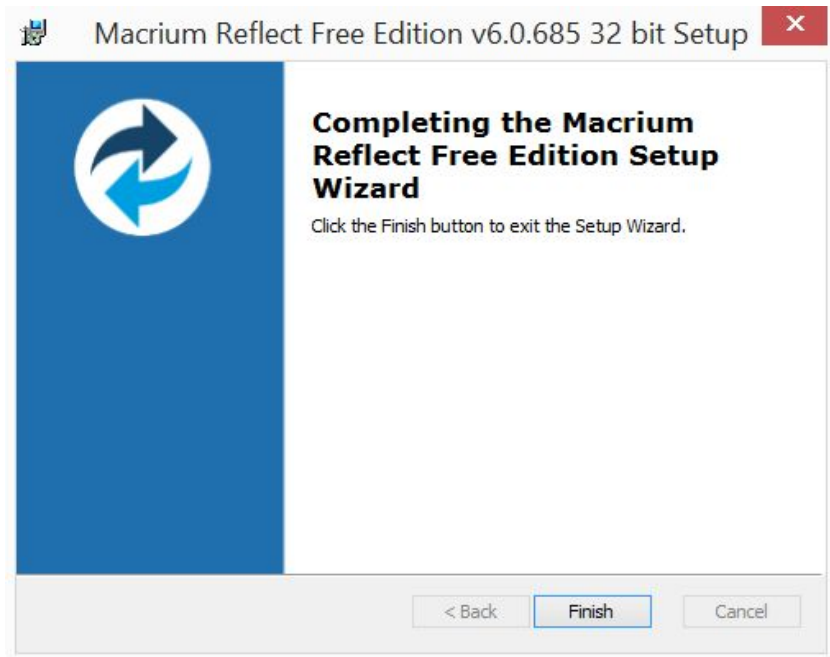
I leave this screen as it is and let it install in its default location on my hard drive. **Click Next** to continue.



Click **Install** to continue.



Now is the time to be patient while the actual install happens.



The install has finished. **Click Finish** to continue. And you will now see an icon on your desktop to run it.

Running a Backup

Now it is time to locate your external drive. Plug it into a USB port and let the computer locate it.

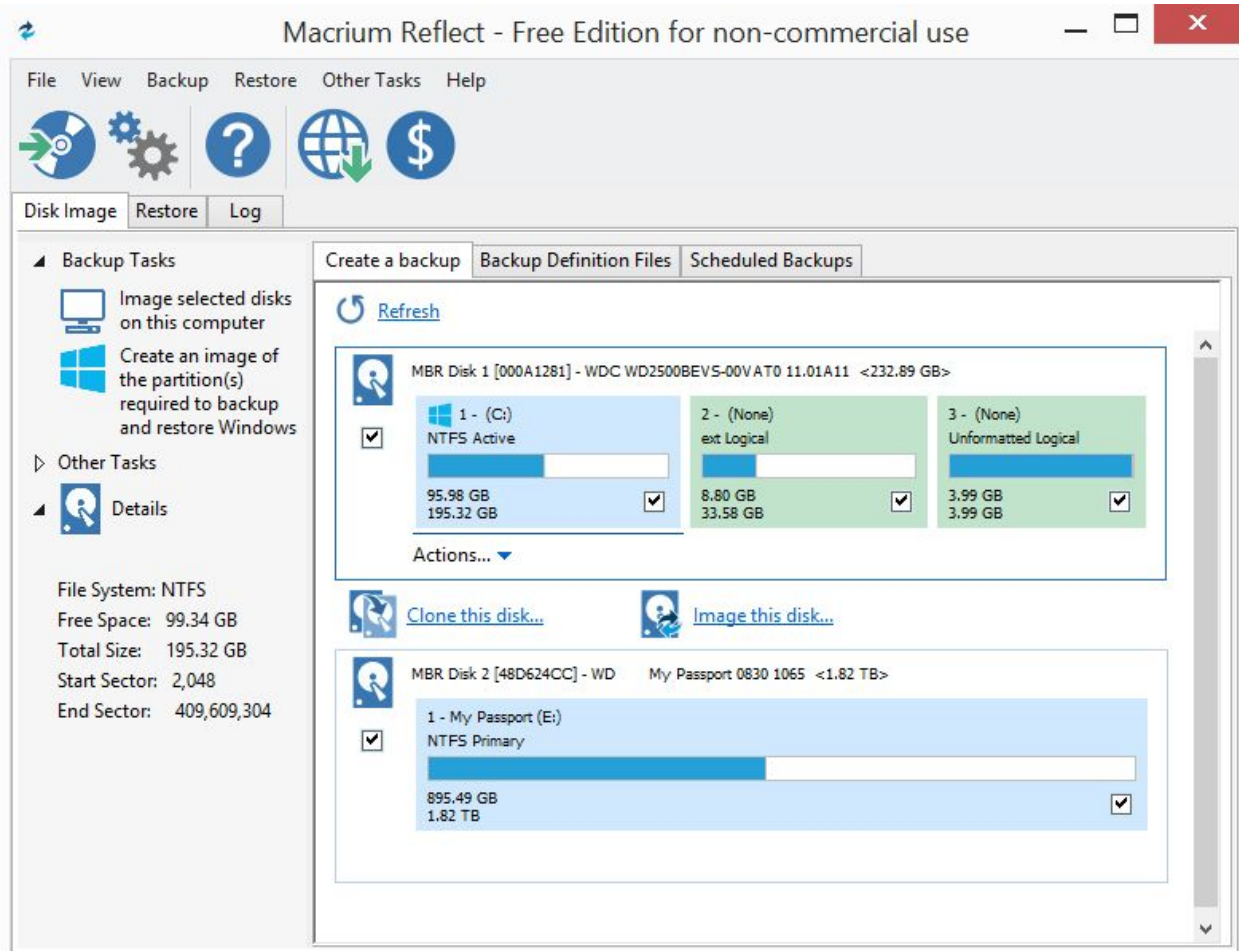


This is mine and notice it has plenty of free space. To see this I opened File Explorer using the keyboard shortcut Windows+E and then opened This PC to view all the drives on my computer.

Locate the Reflect icon on your desktop **and double-click** to open the program.

Click Yes to allow the program to run.

The main screen will display all your hard drive information and allow you to make changes as to what to backup and how. We are not going to make any changes.



The top section shows your hard drive on the computer and the various partitions it contains. The bottom is your external backup drive that you plugged into the USB port. Leave everything as it is and **click** the middle link that reads **“Image this disk...”**

Destination

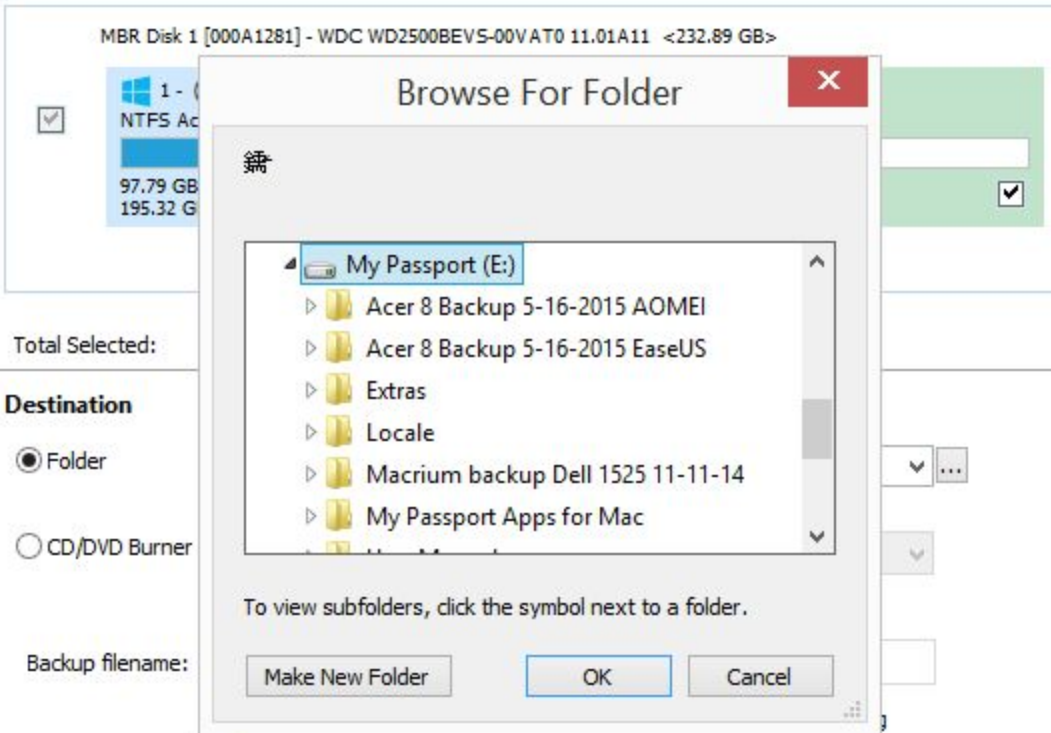
Folder ...

Make sure the Folder radio button is selected, then **click the ... box** to the right of that line to open the Browse For Folder dialog box.

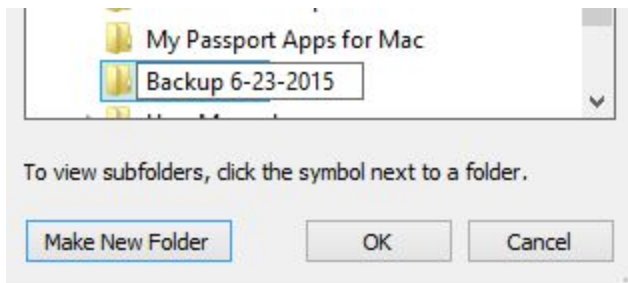


Select Source Drive(s) and Image Destination

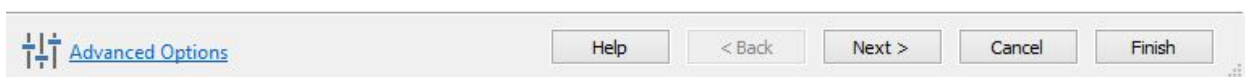
Source



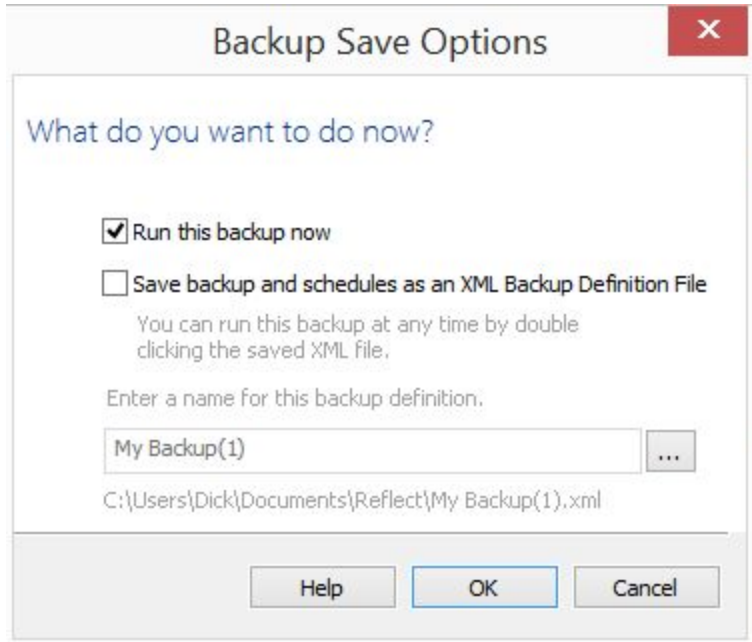
Scroll down to **locate your external drive, select it, and then click the Make New Folder button.**



Give it a name and **click OK**

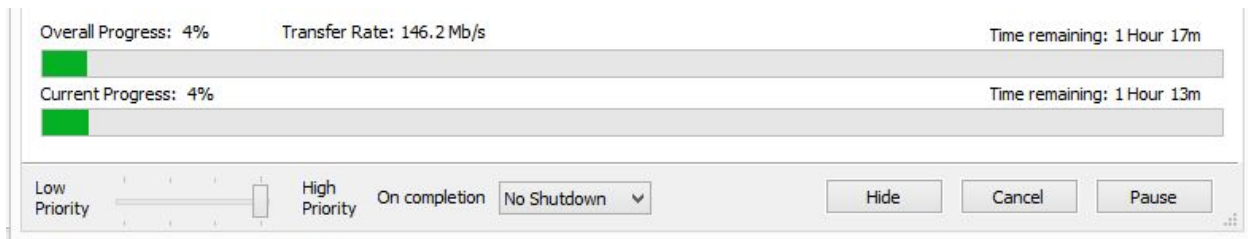


Click Finish

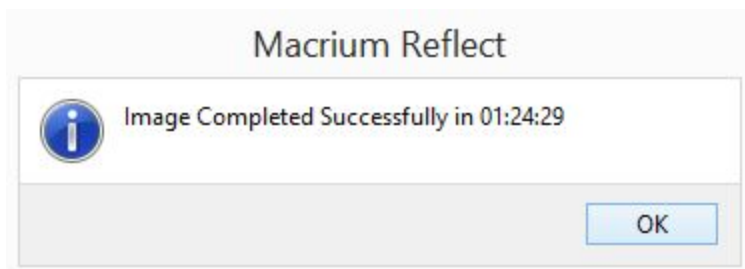


Uncheck the Save backup... box and then **Click OK**

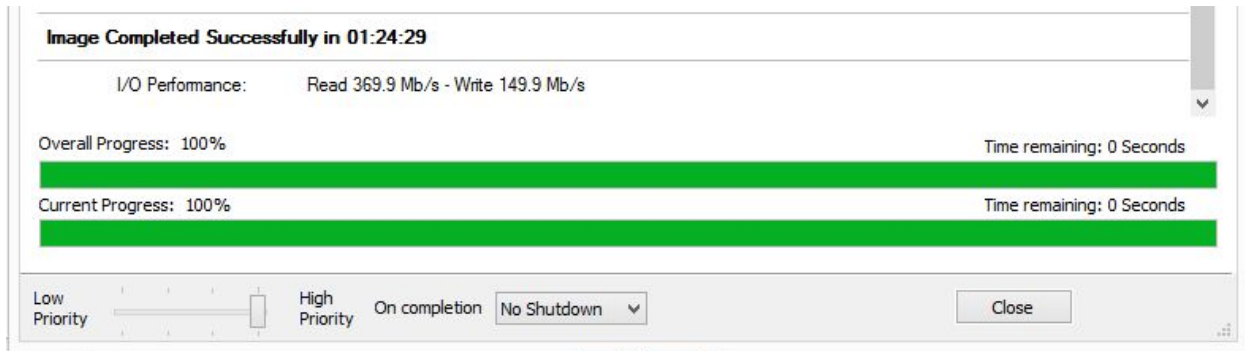
Now it is time to wait. The Time remaining will change as it runs.



Do not panic as this starts out as a long time but drops quickly as the backup continues. Be patient. Go have a cup of coffee for a while.



And we are done. The backup has finished. **Click OK.**



Click **Close** to finish the operation.



Click the **red X** to close the backup program



Safely remove the external drive and put it somewhere safe. Off site is a pretty good idea.