

Advanced Options

Advanced Options

All forms of backup in Macrium Reflect have advanced options, accessed by clicking the Advanced Options link. All backup wizards have this link which can always be located in the lower left hand corner of each wizard. Cloning, too, is a form of backup and this also has advanced options, accessed in the same way.

Disk Image

Imaging Summary

Auto Verify: N
Maximum File Size: Automatic
Compression: Medium
Password: N
Intelligent Copy: Y
Power Saving: N
Total Selected: 397.71 GB

Schedules
None

Retention Rules
Rules will be applied to all matching backup sets in the destination folder

Full: Retain 12 full images
Linked incremental and differential images will also be deleted

Differential: Retain 4 differential images
Linked incremental images will also be deleted

Incremental: Retain 10 incremental images
The oldest incremental images may be consolidated

Purge will be run after the image.

Free space threshold: Delete oldest backup sets when free space is less than 5.00 GB

Destination:
File Name: \\wb\public\Chris\{IMAGEID}-00-00.mimg

[Advanced Options](#) Help < Back Next > Cancel Finish

Below is the Image backup advanced options as an example:

Advanced Settings

Backup Email

Compression
File Size
Password
Auto Verify Image
Comments
Shutdown

Set the compression level for this image or backup

Compression reduces the file size but may increase the total backup time.

Medium (Recommended) Compression level

☒ Intelligent sector copy (Recommended)
Copies only disk sectors used by the file system.
Windows pagefile and suspend to disk (hibernation) files are not copied. This reduces the image size and backup time.

☐ Make an exact copy of the partition(s).
Partitions include unused sectors therefore forensic examination of the partition(s) remain unchanged. Deleted files may be recovered for example.

Help OK Cancel

Common Advanced Options - Available to all backup types except Cloning

Option	Description
Compression	Set the desired compression on the resulting backup file. Choose between None, Medium or High.
Intelligent sector copy	Copy only file system sectors/clusters that are in use. This reduces the size of the disk image file as unused file system clusters are not copied.
Make an exact copy	Copy every sector/cluster used by the partition. This will also copy unused space and will make the image file significantly larger than 'Intelligent sector copy' .
File Size	Set maximum file size that will be created for the backup file, these are also known as file splits. Choose between Automatic or fixed size in either Megabytes or Gigabytes.
Password	Add password protection to the resulting backup files. Choose between standard, medium and high encryption. Each increasing level of encryption will require a stronger password.
Auto Verify	Automatically verify the resulting backup file. This will add more time to the backup process but confirms if the resulting backup can be restored from.
Comments	Add a free form text comment to the backup.
Shutdown	Once the backup has complete you can choose to shutdown the computer, choose between Shutdown, Hibernate or Suspend.
Email Success	Set recipient, subject, body and attachments should this backup succeed.
Email Failure	Set recipient, subject, body and attachments should this backup fail.

Cloning Advanced Options

Option	Description
Intelligent Copy	Clone only sectors in use from the source disk. Further to this option: <ul style="list-style-type: none"> ▪ Verify File System. Ensure the source file system is valid before cloning. ▪ Rapid Delta Clone. Only clone differences in the source and target disks since the previous clone was made. ▪ Enable SSD Trim. Ensure target SSD partitions are trimmed prior to a clone.
Forensic Copy	Clone all sectors from the source disk.

File & Folder Backup Advanced Options

Option	Description
Reparse Points	For both system and user reparse points, select to either follow or do not follow. An example reparse point is the folder "Documents and Settings" which when followed points (or expands) to a number of other folders. If followed then all folders the reparse point "contains" will be included in the backup.
Backup Set Matching	Choose between Similar, Strict or All.