

How to Configure Shadow Protect and Image Manager with our Cloud Service

This guide will walk you through installation of Shadow Protect (SP) and Image Manager (IM), ready to send Offsite to our Cloud Storage as well as giving you your local Backup. Please note that after installation, you can configure the backup, but no backup files will be created until the Server / PC has been restarted.

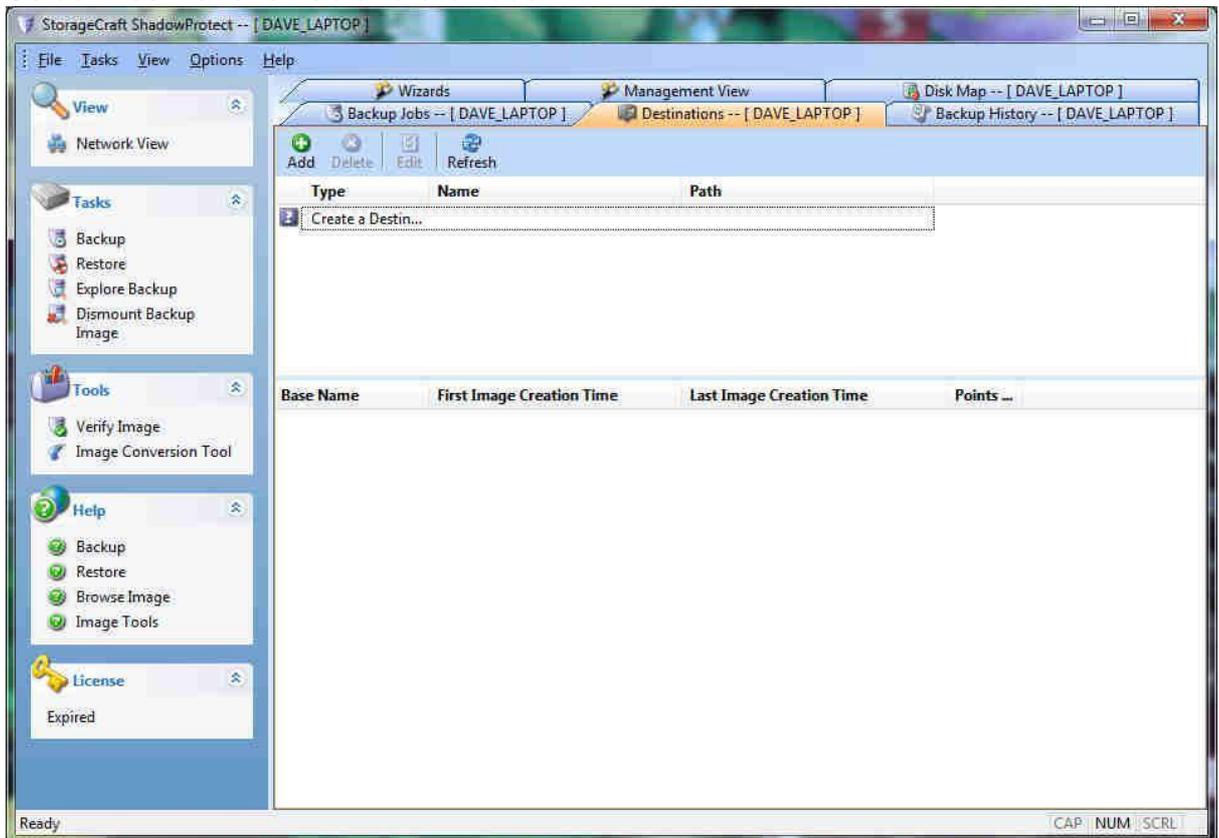
We recommend a NAS device for your local backup although an external USB drive will also work.

1. Create the account here - <https://trial.backupeverything.co.uk/besignup>, right hand side create an Image Backup account under account type.
2. Download Shadow Protect (SP)

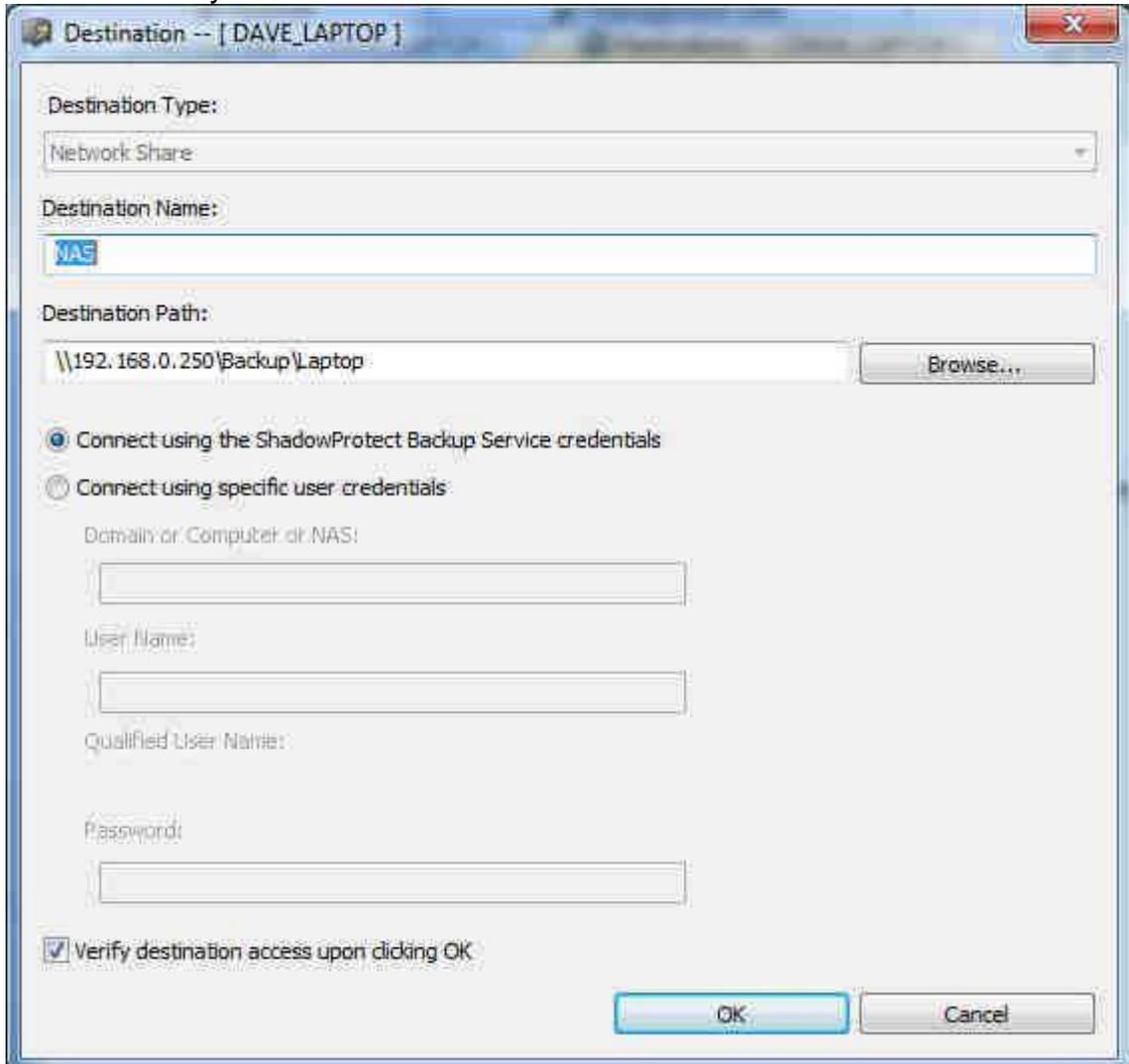
http://downloads.storagecraft.com/SP_Files/ShadowProtectSetup_MSP_5.2.7.zip
If the OS is below Windows 2012

http://downloads.storagecraft.com/SP_Files/ShadowProtect_SPX-6.7.4.win64.msi
If Windows 2012 & above
3. Download Image Manager (IM)
http://downloads.storagecraft.com/SP_Files/ImageManager_Setup_7.5.0.exe
4. Install both products with the defaults
5. After installation of both products, you will need to restart the machine. You can still continue with this guide if you are not able to restart straight away, but NO backup files will be created until a restart happens!
6. This version of Shadow protect will run for 15 Days without a license file. To send your backups offsite to us, you will require a license file for Image Manager. Please contact us for this license key

- Open Shadow Protect:- Start -> Programs ->StorageCraft -> Shadow Protect
- Select Destinations Tab and click add



9. Add your destination. We recommend a NAS of shared location away from the server you're backing up which will make it easier when you have to restore, but you can use a local USB drive. In the example below, I'm using a share on a NAS that doesn't need any further authentication. Depending on your destination, you may need to enter user credentials. Always verify the destination by leaving the tick in verify destination. Click OK



Destination -- [DAVE_LAPTOP]

Destination Type:
Network Share

Destination Name:
NAS

Destination Path:
\\192.168.0.250\Backup\Laptop Browse...

Connect using the ShadowProtect Backup Service credentials

Connect using specific user credentials

Domain or Computer of NAS:
[]

User Name:
[]

Qualified User Name:
[]

Password:
[]

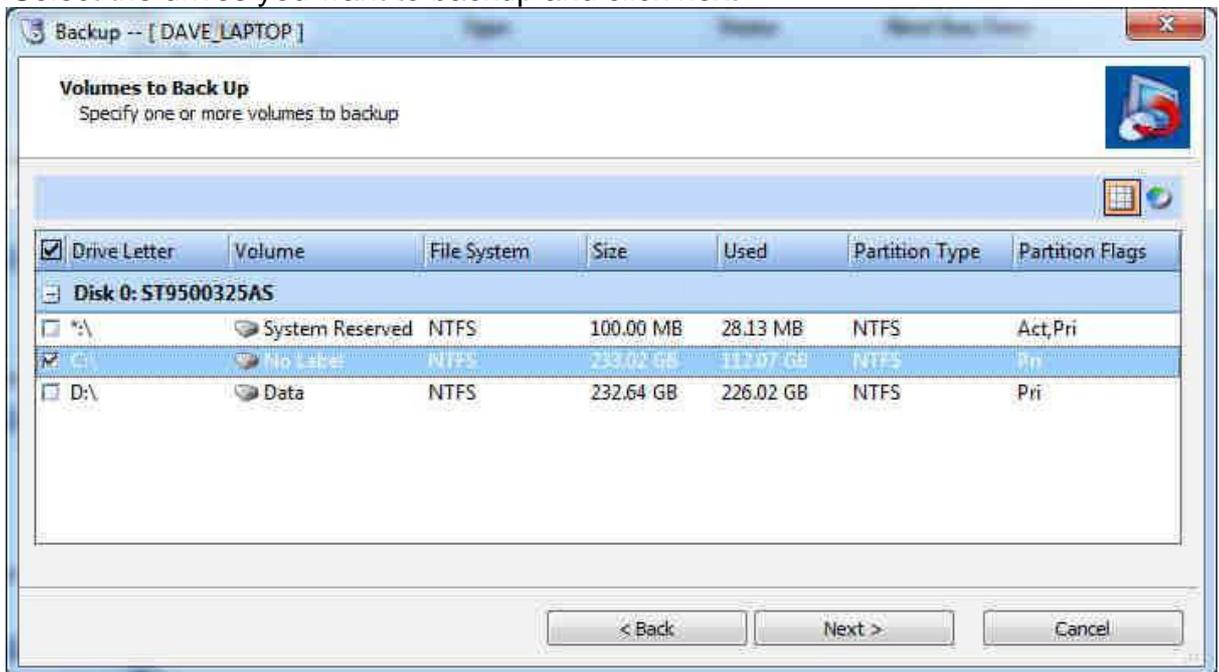
Verify destination access upon clicking OK

OK Cancel

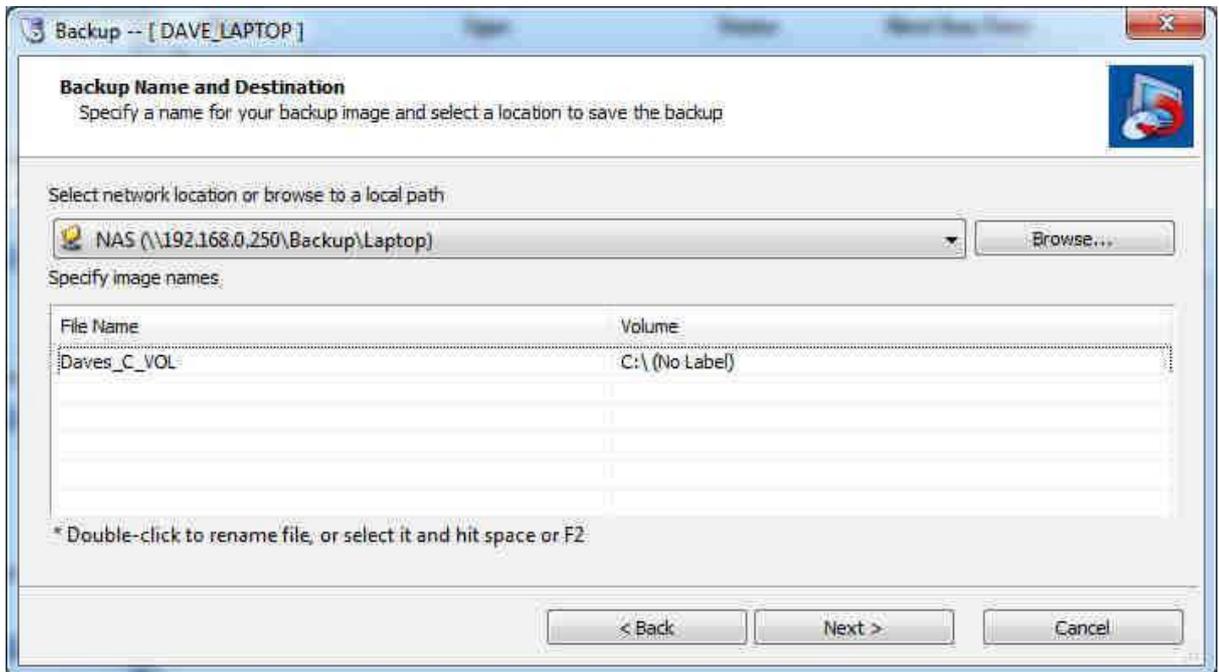
10. Now click on Backup Jobs Tab and click New. This will open up a backup wizard. Click next



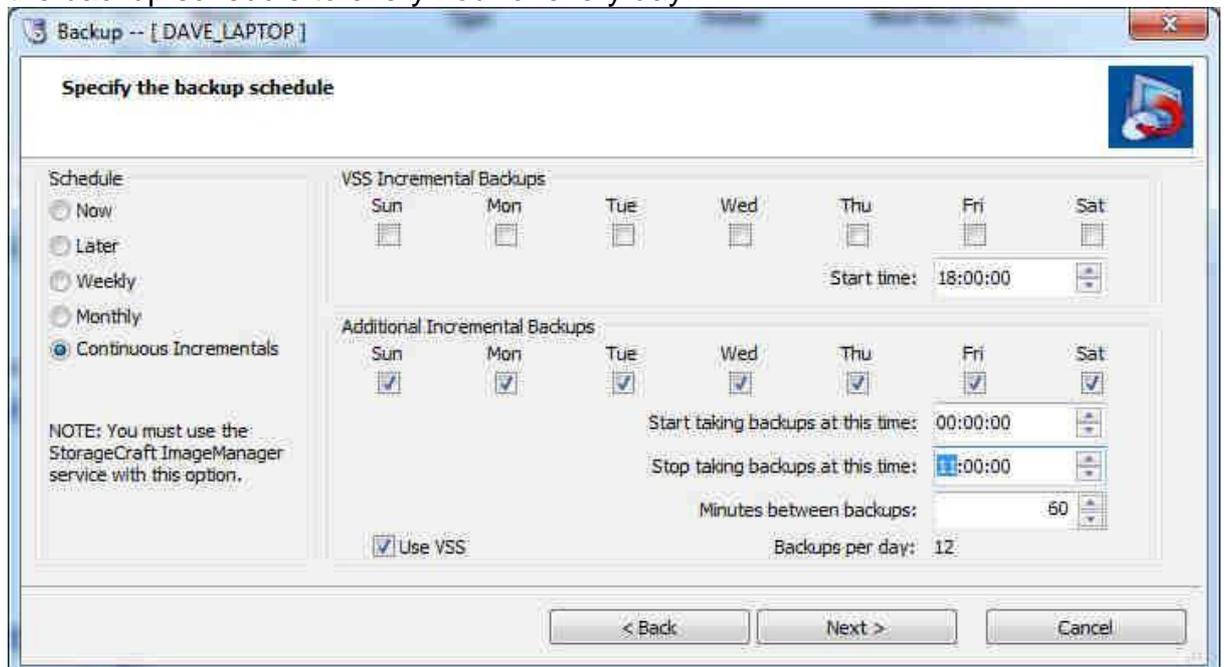
11. Select the drives you want to backup and click next



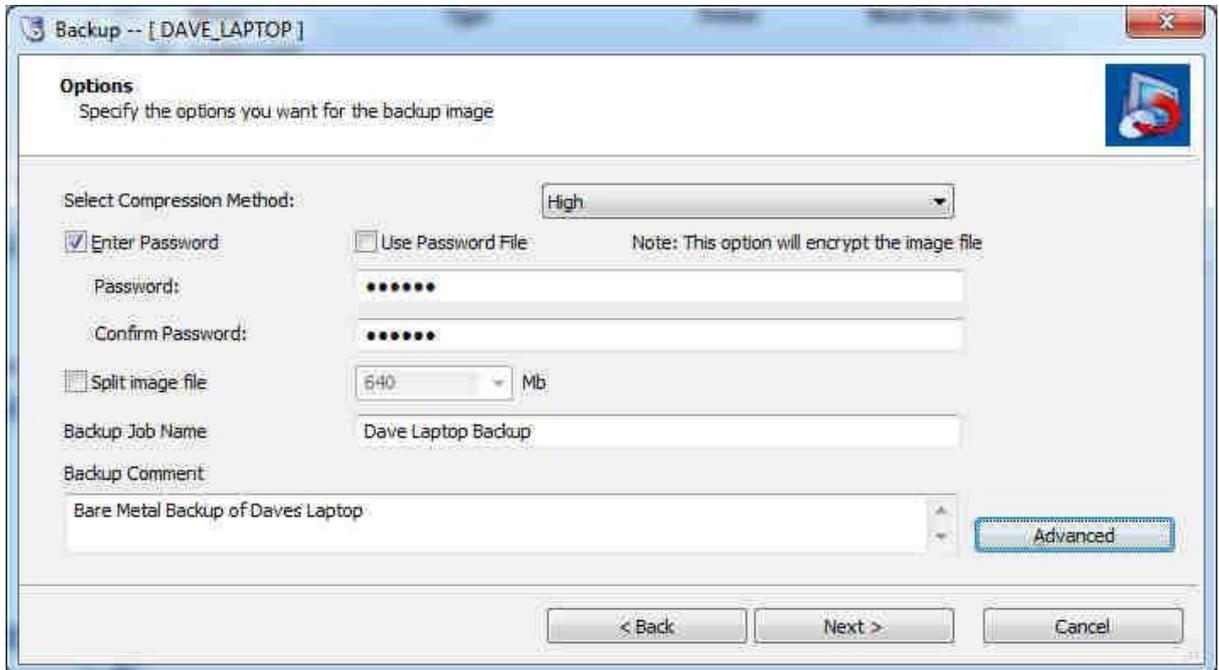
12. Select your destination from the drop down list and feel free to rename “File Name”. In this example I changed the Default of C_VOL to Daves_C_VOL. click next



13. Select Continuous Incrementals. The days you want the backups to run, start/stop times then finally the minutes between backups. Also remove the tick from VSS Incremental Backups on Sunday (like below) Personally; I would set the backup schedule to every hour of every day.



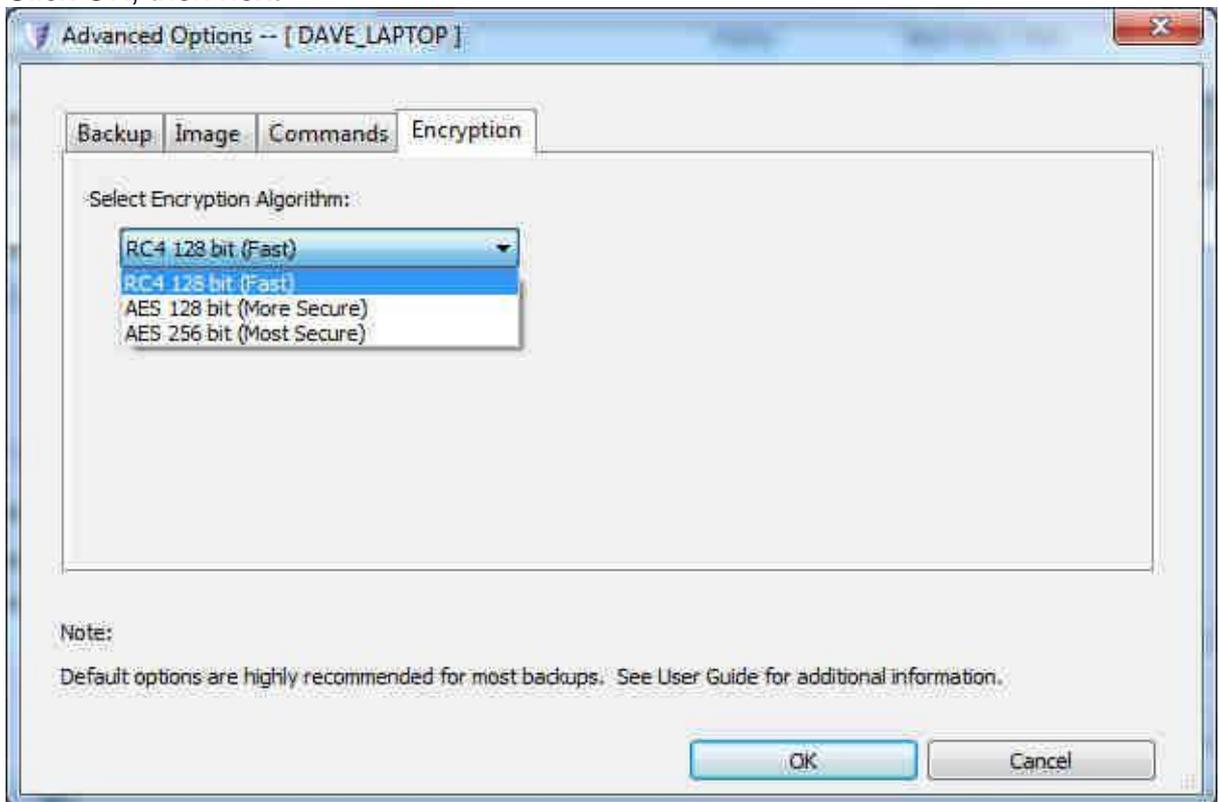
14. We highly recommend you enter a password to encrypt your image files otherwise the images can be opened by anyone. It is really important that you make a note of the password, as without it, you will not be able to use the image files for a later restore! Set the Compression to high to create smaller image files. You can also enter a backup job name and any comment at this point. Click Next



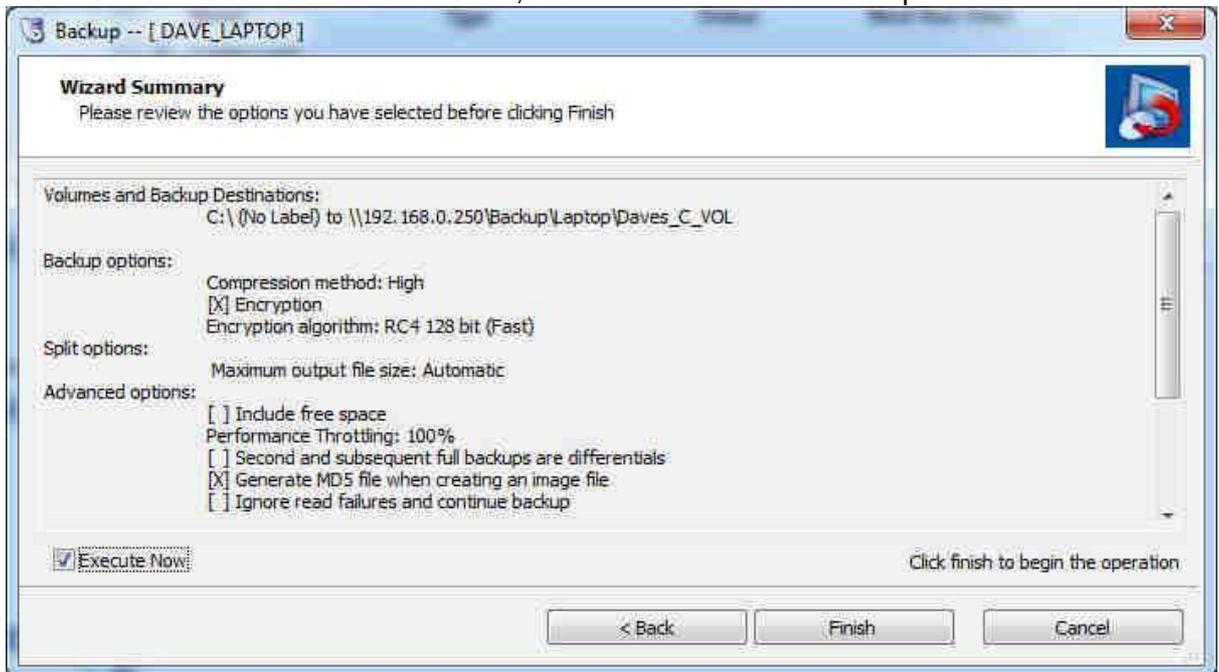
The screenshot shows a Windows-style dialog box titled "Backup -- [DAVE_LAPTOP]". The main heading is "Options" with the subtitle "Specify the options you want for the backup image". The dialog contains the following fields and controls:

- Select Compression Method:** A dropdown menu set to "High".
- Enter Password:** A checked checkbox. Below it are two text boxes for "Password:" and "Confirm Password:", both containing seven dots.
- Use Password File:** An unchecked checkbox. To its right is a note: "Note: This option will encrypt the image file".
- Split image file:** An unchecked checkbox. To its right is a dropdown menu set to "640" and the text "Mb".
- Backup Job Name:** A text box containing "Dave Laptop Backup".
- Backup Comment:** A text box containing "Bare Metal Backup of Daves Laptop".
- Advanced:** A button with a dashed border.
- Navigation:** At the bottom are three buttons: "< Back", "Next >", and "Cancel".

15. Under advance options you can select the encryption level. Default it is set to RC4 128bit (Fast) this is the only time you can change the key without having to start a new backup chain. We would recommend you leave the rest of the advance options as default. Click OK, then next



16. You are ready to perform your first backup. If you have already restarted your machine after SP install, you can execute now or wait for the next schedule to run. If you haven't restarted the machine since installation, click finish and restart when possible.



How to Configure Image Manager

At this point we assume you have already created an Image Backup account and installed and configured your Shadow Protect software. You will also need a license from us before you can set up the replication target. Please contact us for this key

If you haven't already installed Image Manager (IM), please download then install with default settings from http://downloads.storagecraft.com/SP_Files/ImageManager_Setup_7.5.0.exe

1. Once installed, open Image Manager:- Start -> programs -> ShadowProtect -> StorageCraft ImageManager

2. When you open Image Manager for the first time, it will prompt you for a password. Once you enter the password and confirm, click OK



A screenshot of a Windows dialog box titled "Change Password". The dialog box has a standard Windows window border with a close button (X) in the top right corner. It contains three text input fields stacked vertically, each with a label to its left: "Old Password:", "New Password:", and "Confirm New Password:". At the bottom of the dialog box, there are two buttons: "OK" and "Cancel".

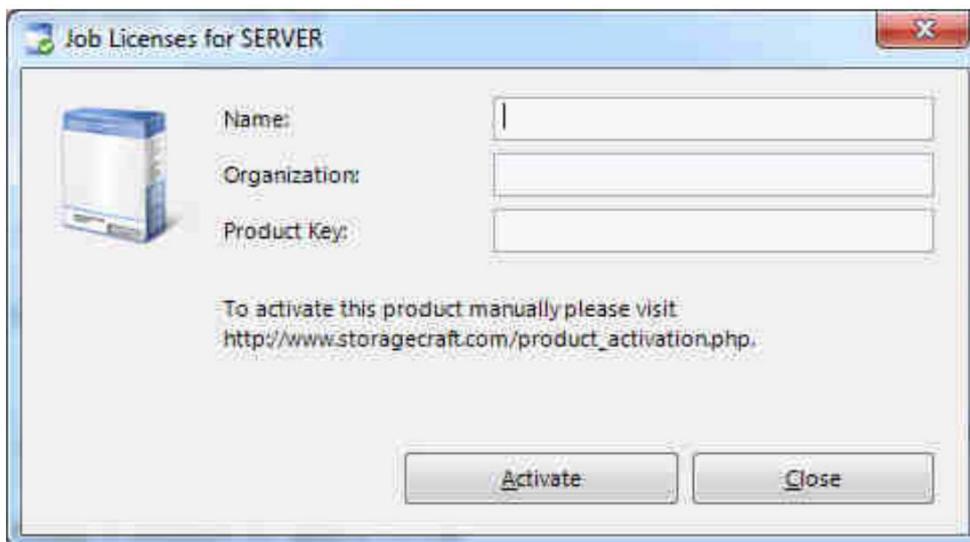
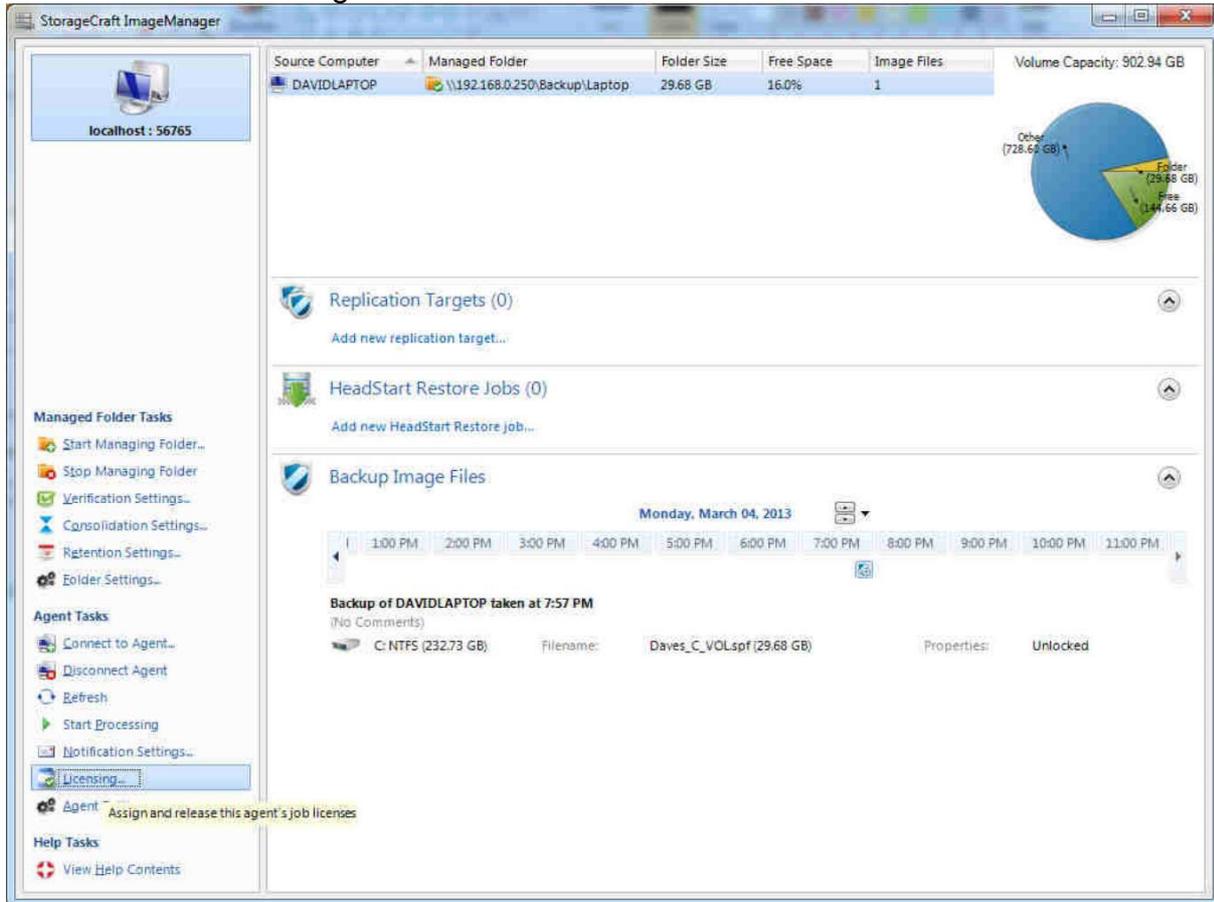
3. Click Start Managing Folder on the left hand menu. Here you will be asked to enter the destinations that you set earlier for your Shadow Protect backup. In this example, I don't need to enter destination credentials for folder path authentication, but if you required this earlier, you will need to enter it here too.



The image shows a 'Managed Folder Settings' dialog box. It contains the following fields and options:

- Folder Path:** A text box containing '\\192.168.0.250\Backup\Laptop' and a browse button.
- Description:** A text box containing 'Laptop' and the label '(optional)'.
- This folder requires authentication:** A checkbox that is currently unchecked.
- Use the default folder credentials defined in Agent Settings:** A radio button that is selected.
- Define specific credentials for this folder:** A radio button that is unselected, with the following sub-fields:
 - Domain or Computer or NAS:** An empty text box.
 - Username:** An empty text box.
 - Password:** An empty text box.
 - Qualified Name:** An empty text box.
- Assign sort priority relative to other managed folders:** A checkbox that is checked, with a spin box set to '255' and the label '(0-255)'.
- Info:** A small icon followed by the text: 'Assigning a sort priority will override column sort orders and cause this folder to move to the top of the managed folders list.'
- Buttons:** 'Save' and 'Cancel' buttons at the bottom right.

4. Next click on licensing

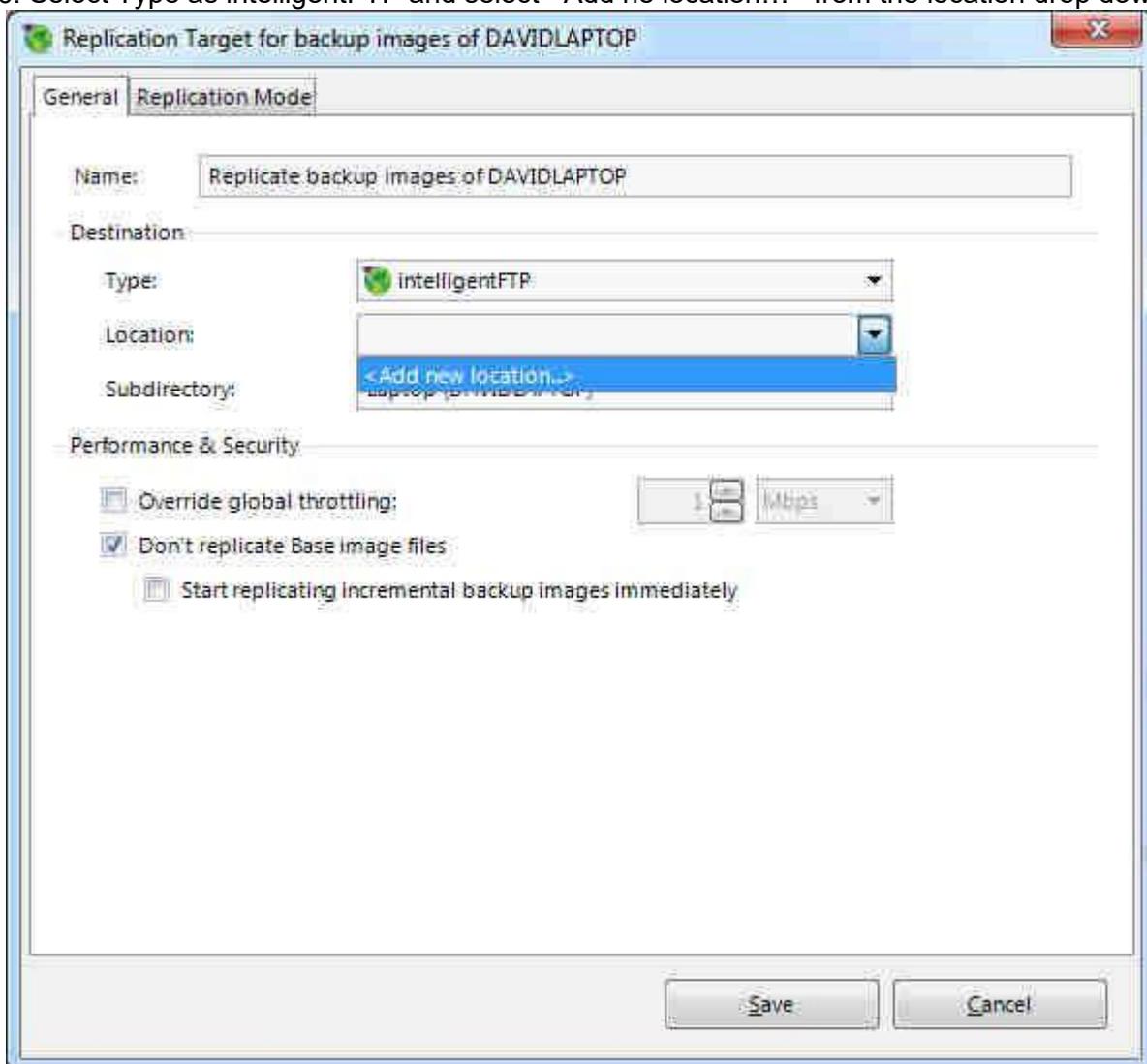


You will need to enter your license key that we provided you here. Again, if you don't have this, please contact us for this key.

5. Next click on Replication Target



6. Select Type as intelligentFTP and select <Add ne location...> from the location drop down box



7. Add the FTP server address as ftp.onlinedatastorageuk.co.uk and the username and password which you set when you created the trial account.



Location Settings

Type: intelligentFTP

Name: Cloud FTP

Path: ftp.onlinedatastorageuk.co.uk

Security: None Block Size: 65536 Bytes (1-131072)

Mode: Passive

This location requires authentication:

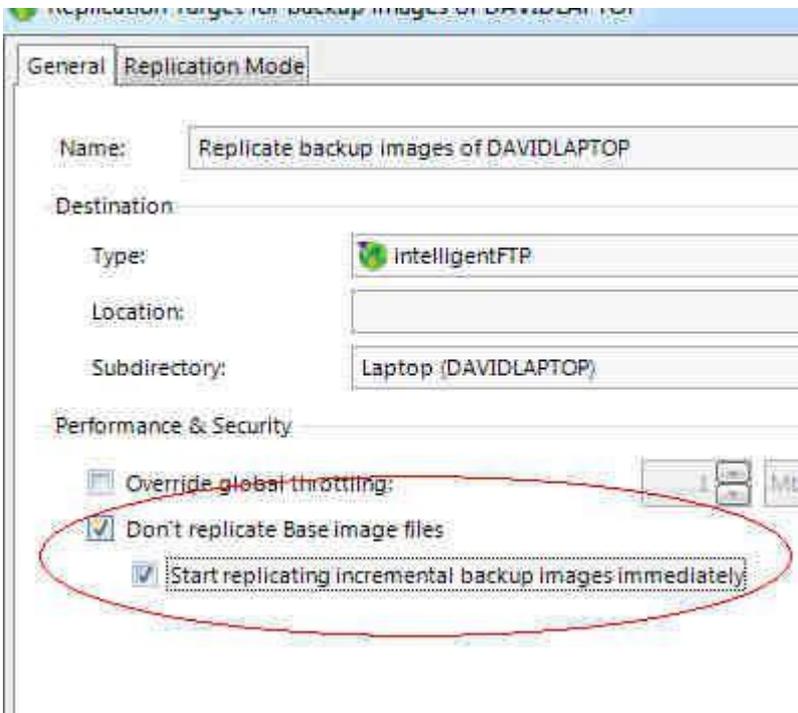
Username: DaveLaptop

Password:

Save Cancel

8. When you click Save, it will authenticate your account.

9. Select whether to upload the base image or not. You can use our free seeding service if you don't want to upload the base image over the internet.



Replication Mode

Name: Replicate backup images of DAVIDLAPTOP

Destination

Type: intelligentFTP

Location:

Subdirectory: Laptop (DAVIDLAPTOP)

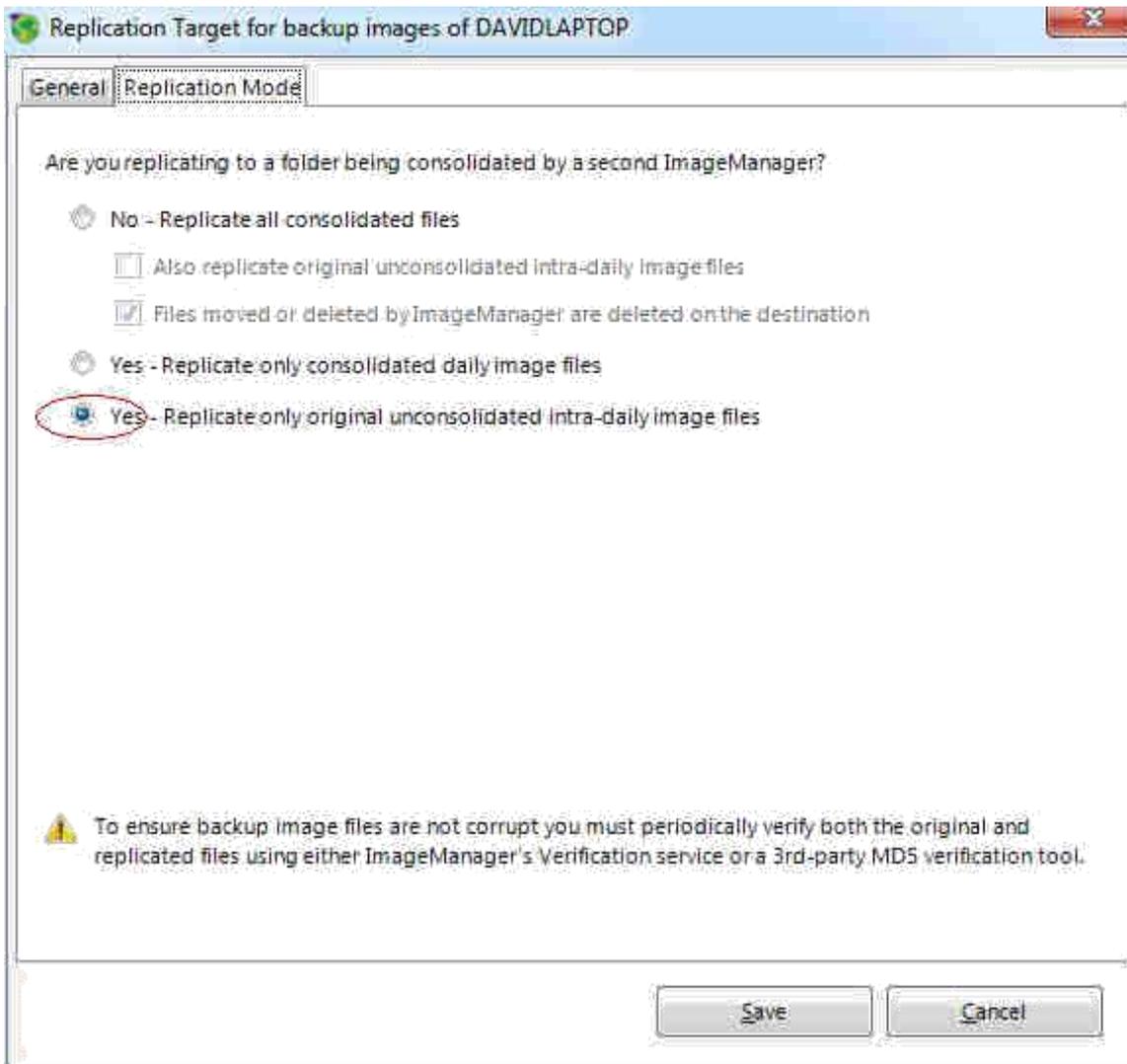
Performance & Security

Override global throttling:

Don't replicate Base image files

Start replicating incremental backup images immediately

10 Select Settings as below and click Save



Your image once verified will now start uploading to our servers. Once new incremental files (spi) files are created, they will automatically be uploaded to us.

There are additional settings you may like to change like retention, consolidation, verification and email settings. Please feel free to modify these settings. If you would like any help with the above, please feel free to contact us at support@backupeverything.co.uk