

Verifying image and backup files from the command line

Introduction

This article explains how to verify Macrium Reflect image and backup files using the standalone command line verification tool '**mrverify.exe**'. **mrverify.exe** supports individual file verification as well as folder and sub-folder file search and verification.

To verify backups using the Macrium Reflect user interface see: [Verifying image and backup files](#)

Please use the link below to download:

<http://updates.macrium.com/reflect/utilities/mrverify.exe>

*Please note that **mrverify.exe** must be run from an Administrator command prompt. For instructions on how to do this please see [here](#).*

The following command line switches are supported:

```
mrverify.exe "full path to image file or folder" -p[--password] "password" -r[--recurse] -l[--logfile] "logfile name"
```

File name or path with wild card can be used. e.g;

```
d:\backups\*
```

or

```
d:\backups\1FF33614674A6438-00-00.mring
```

| Switch | Description |
|-------------------------|--|
| -p OR --password | The optional password that was used to protect and/or encrypt the backup |
| -r OR --recurse | Scan all sub-folders if a folder is specified. The default is not to recurse. |
| -l OR --logfile | Full path to output log file. This file will be created for each run and contains the file name and verification status ' success ' or ' fail ' . |
| -s OR --set | Verify all files in the set. Use if verifying individual files to ensure they can be restored. When verifying all files in a folder this isn't necessary. The default is not to verify the entire set. |
| -h OR --help | This help output |

Examples:

```
mrverify.exe "d:\backups\1FF33614674A6438-00-00.mring"
```

```
mrverify.exe "d:\backups\1FF33614674A6438-00-00.mring" --set --password "mypassword" -l "c:\verifylog.txt"
```

```
mrverify.exe "d:\backups\*" --password "mypassword" -r -l "c:\verifylog.txt"
```

On success mrverify.exe will return '0'. If any file fails verification then the return code will be '1'.

The following success/failure text will be displayed in the command window and log:

| | |
|---|--|
| Verify Success | The file contained no errors. |
| Verify Failure | The file could not be verified successfully. Try the verification process again using the Macrium Reflect user interface. This may give more information on the problem. |
| Backup set is not complete. At least one file may be missing | <p>At least one backup file required to restore this file cannot be opened and/or located in the same folder.</p> <p>This message is displayed as a Warning or an Error failure condition if the --set command line switch is used.</p> |
| Password Error | The backup file is password protected and/or encrypted and the supplied password is not correct. |
