

## Technical Details regarding DESlock+ and Windows Feature Updates (version 4.9.0+)

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### Windows Update and WSUS Method

See: [KB379 - Installing Windows 10 Feature Updates on an Full Disk Encrypted \(FDE\) system](#)

For a machine to install Windows Feature updates while Full Disk Encrypted (FDE) with DESlock+, we must make the encryption drivers available to Windows during the installation of an update. To do this we create a file called **SetupConfig.ini** stored inside the following directory:

```
C:\Users\Default\AppData\Local\Microsoft\Windows\WSUS\
```

Please note, if you are already using a customized **SetupConfig.ini** file as part of your update process, then please ensure it has been fully tested alongside DESlock+ before rolling the update out to end users.

We use the **SetupConfig.ini** file to pass the **/reflectdrivers** switch to Windows during the update process. This passes the necessary encryption driver to Windows, in order to access the disk correctly during the update. Without using this switch, Windows would not be able to read the disk correctly due to the encryption and the update process will fail.

After Windows has successfully installed an update, we use the **Postoobe** switch to run a script. This script creates the necessary entries to allow Windows to update correctly again in future.

### Windows Media Creation tool (ISO)

See: [KB462 - How to manually install Windows 10 Feature Updates on an Full Disk Encrypted \(FDE\) system](#)

The DESlock+ Windows Update utility uses the **'/ConfigFile'** switch to point Windows in the direction of the **SetupConfig.ini** file. This then works as above.

## Additional Information

[Windows Setup Automation Overview](#)

[Windows Setup Command Line Options](#)