****** READ ME *******

Process to upgrade to fw 5.2.4 or above

If your current fw level is 4.13.5 or below you must first upgrade to fw 4.13.7 before upgrading to 5.2.4 or above

If your fw is 4.13.7 or above you can upgrade directly to fw 5.2.4 or above

Using just your web browser, you can upload the latest firmware file to your Black Box device and perform a flash upgrade via its web UI.

Step 1. Download the firmware file

- Browse to the Black Box Website WWW.BlackBox.com
- Go to your products page
- In the Support tab download the fw file for your Black Box device model
- save the file to your computer
- You may wish to verify the checksum provided to detect a corrupted download – note that the firmware file itself has a built in checksum that will be verified before upgrade, as an additional safeguard

Step 2. Check the current version

- Login to the Black Box web UI as root or an *admin* group user
- At the top of the screen, note the **Firmware** version
- Your Black Box device will not allow you to flash the same or an earlier version

Step 3. Back up current configuration

Configuration is maintained (migrated) across upgrades, however you should always take a backup in case of issues:

- Login to the Black Box web UI as root or an *admin* group user
- Click **System -> Configuration Backup -> Remote Backup -> Save Backup**
- Save the OPG file in a safe location

Step 4. Review the release notes

- Search the Release Notes file for the version you are upgrading to
- Check for any specific notes or warnings about the upgrade you are about to undertake (e.g. incompatibility of custom scripts you may have installed or known issues with your Black Box model)

Step 5. Upgrade firmware

Note: During the upgrade process it is critical that the power to your Black Box device is not disturbed. Doing so may render the device unbootable, necessitating a firmware Recovery.

- Login to the Black Box web UI as root or an *admin* group user
- Click **System -> Firmware**
- Click **Browse** and select the file downloaded in Step 1
- Leave **Firmware Options** blank except otherwise instructed by Black Box support
- Click **Apply**
- The firmware file is uploaded by your browser
- The firmware file is verified by your Black Box device (the checksum, version and model are all checked)
- The browser refreshes to the "netflash" page indicating that the upgrade is underway

Step 6. Verify upgrade

- The upgrade may take several minutes, after which your Black Box device reboots automatically
- During this boot, configuration is migrated so it may take several additional minutes for boot to complete
- Login to the Black Box web UI as root or an *admin* group user
- At the top of the screen, note the **Firmware** version