VOSS Insights
Dashboard and Arbitrator Maintenance and Upgrade Guide

Release 22.2

Oct 18, 2022

Legal Information

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Contents

1. What's New

1.1. Dashboard and Arbitrator Maintenance and Upgrade Guide: Release 22.2

- EKB-13158: Update upgrade menu to allow specification of patch file. See: *Upgrade*

  Added details on prompt image and local filename option.

2. Upgrade

2.1.   Pre Checks

1. Verify your access to the UI, then verify the application version via the profile menu (your username), for example, **admin** (top right).
2. Verify available storage of the disk of the server, via system/stats dashboards.

2.2.   Backup VM before upgrades

If the application is a Virtual Machine (VM), then a pre-upgrade snapshot is recommended.

2.3.   Backup Dashboards before upgrades

1. Log in to the UI as admin.
2. Click on your profile name (top right). As super user, this is **admin**.
3. Then, from the drop-down, select **Import/Export Wizard**.
4. Click the **Export** tab.
5. Select all the dashboards.
6. Click the **Export .lxtr** blue button on the top right.
7. Click the **Download** button, then save to your local computer or a secure network location.

2.4.   Backup Arbitrator before upgrades

1. Log in to the UI as admin.
2. Select the System Configuration icon (spanner), then select the **Import & Export** icon (down arrow).
3. Drag the following items from the **Configuration Items** pane to the **Export** pane:
   - Asset Entries
   - Asset Groups

- Controls
- Policy Modules
- Probe Groups
- Response Procedures

4. Click **Export**

5. Click **Download**, then save to your local computer or a secure network location.

2.4.1. Admin menu Backup (Arbitrator or Dashboard)

From the admin account **Administration** menu:

Arbitrator
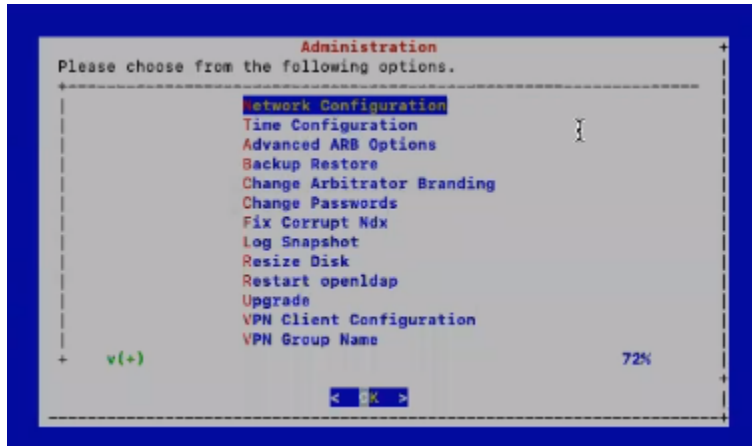
or Dashboard
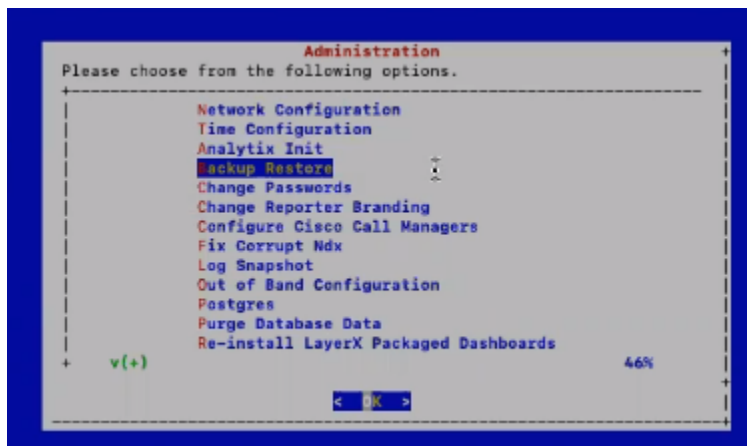
choose **Backup Restore**, and then choose **Create a backup**.
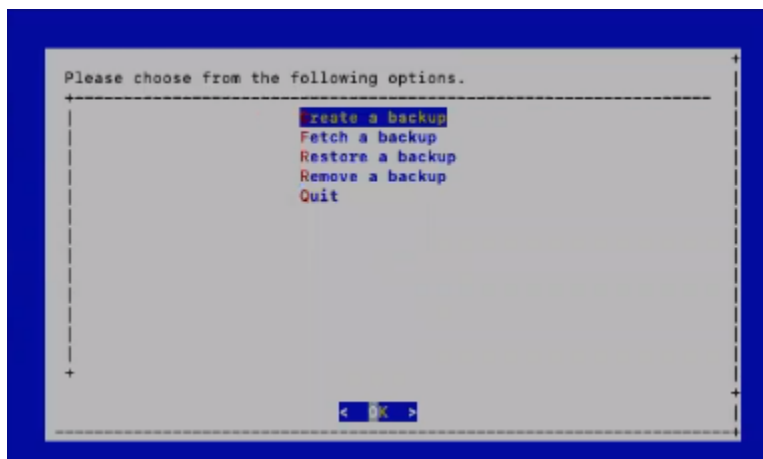
This backup creates a backup `tar.bz2` file in the `lxt_archive/` directory.

If needed, then the **Administration** menu can be used to restore a selected backup.
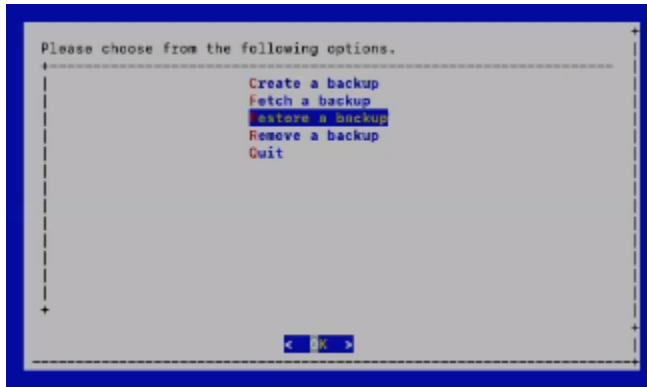
Note: If any themes were present on the system, these are also backed up and will also be available from the restore list.

2.5. Upgrade timings

- Arbitrator = Approx 20-30 Mins
- Dashboard = Approx 20-60 Mins

2.6. Upgrade Method of Procedure (MOP)

1. Using *Winscp* and the drop account, copy the file (example file for the arbitrator `layerX-arbitrator-sp22.1-sp22.2.lxsp`) to the `lxt_upgrade` directory.

2. Log in to server using *Putty* via the admin account.

3. Select **Upgrade** from the admin menu.

```
-------------------------------Administration-----------------------------+
Please choose from the following options.
+-------------------------------------------------------------------+ |
|                     Network Configuration                         | |
|                     Time Configuration                            | |
|                     Advanced ARB Options                          | |
|                     Backup Restore                                | |
|                     Change Arbitrator Branding                    | |
|                     Change Passwords                              | |
|                     Fix Corrupt Ndx                               | |
|                     Log Snapshot                                  | |
|                     NRS                                           | |
|                     Resize Disk                                   | |
|                     Restart openldap                              | |
|                     Upgrade                                       | |
|                     VPN Client Configuration                      | |
+------v(+)----------------------------------------------68%----+ |
+-------------------------------------------------------------------+
|                        <  OK  >                                   |
+-------------------------------------------------------------------+
```
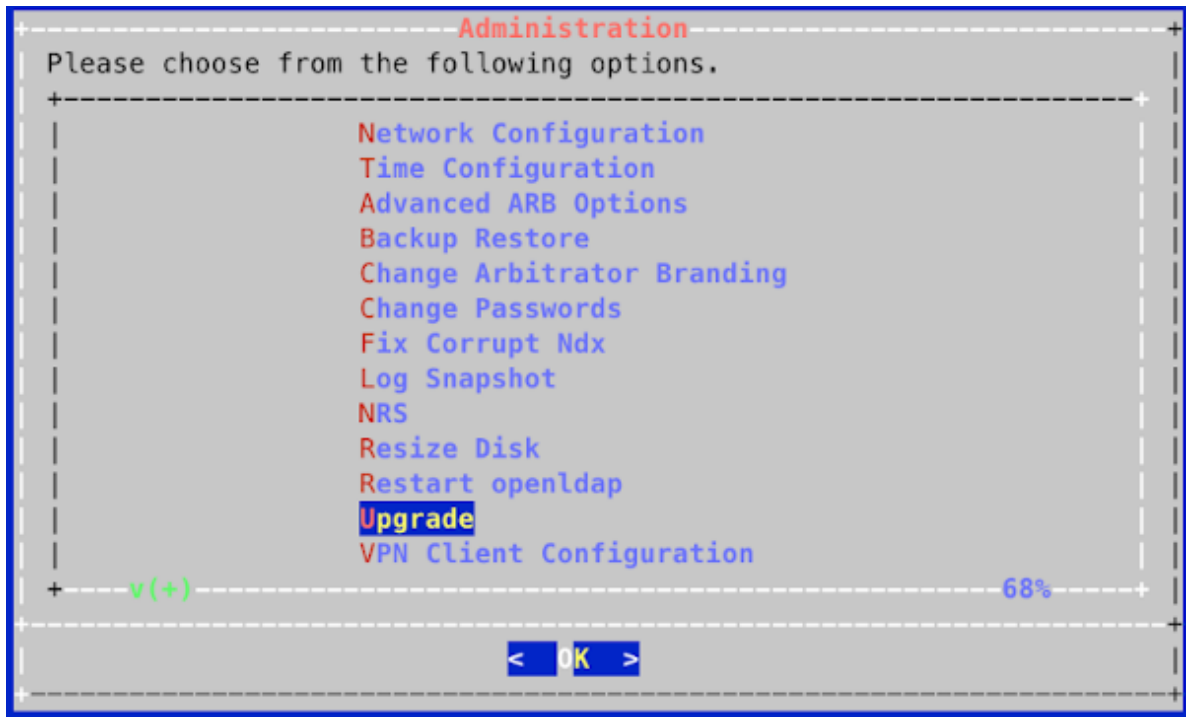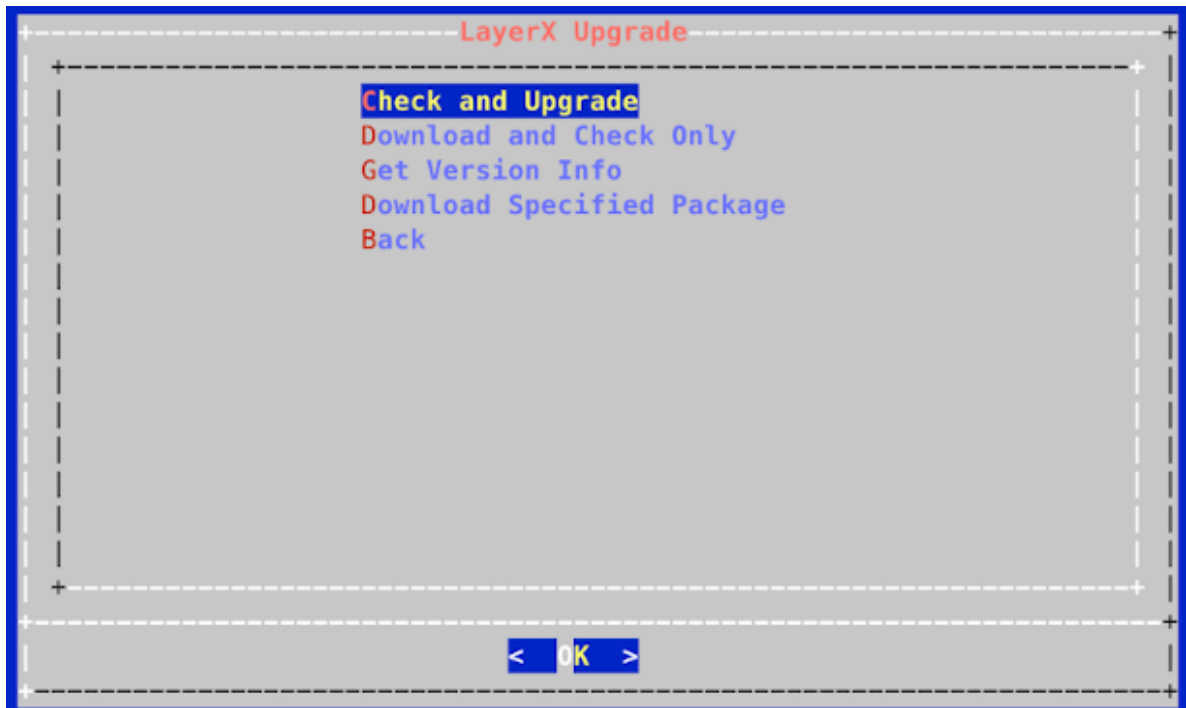
4. Select the **Check and Upgrade** option.

```
-------------------------------LayerX Upgrade-----------------------------+
+-------------------------------------------------------------------+ |
|                     Check and Upgrade                             | |
|                     Download and Check Only                       | |
|                     Get Version Info                              | |
|                     Download Specified Package                    | |
|                     Back                                          | |
|                                                                   | |
|                                                                   | |
|                                                                   | |
|                                                                   | |
|                                                                   | |
|                                                                   | |
|                                                                   | |
|                                                                   | |
+-------------------------------------------------------------------+
|                        <  OK  >                                   |
+-------------------------------------------------------------------+
```

1. Using *Winscp* and the drop account, copy the file (example file for the arbitrator `layerX-arbitrator-sp22.1-sp22.1.1.lxsp`) to the `lxt_upgrade` directory.

2. Log on to the server using *Putty* and the admin user credentials

3. Navigate down to **Upgrade**
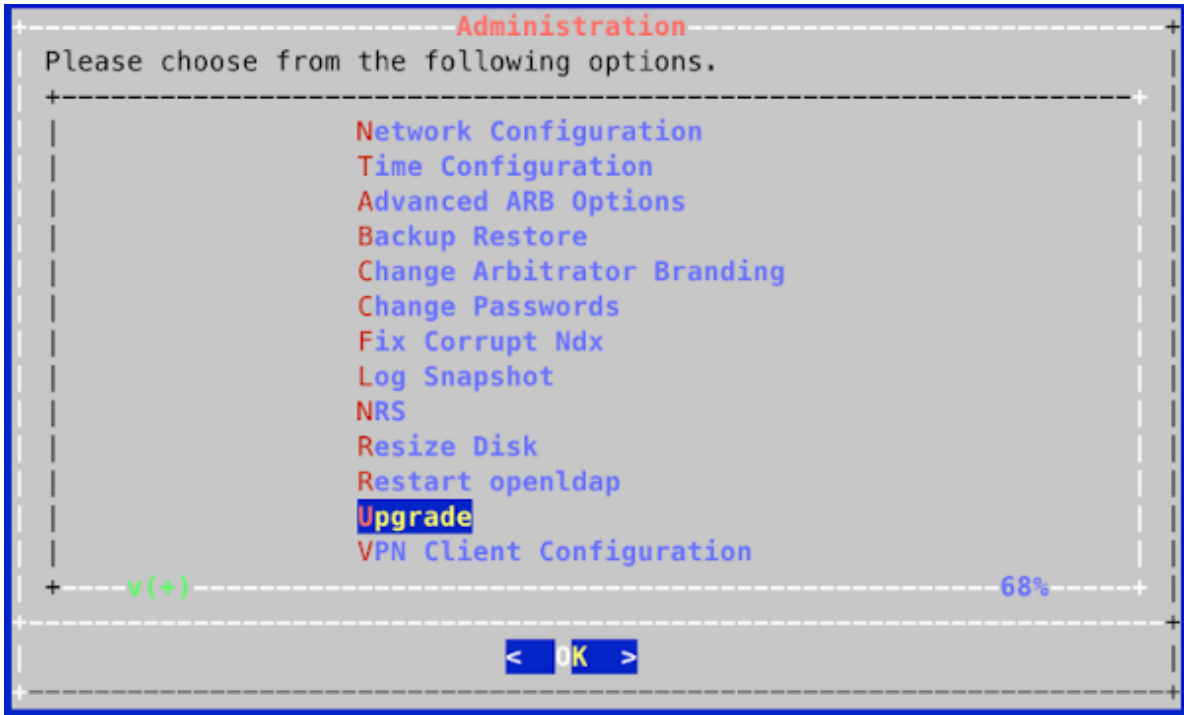
1. Select the **Download Specified Package**
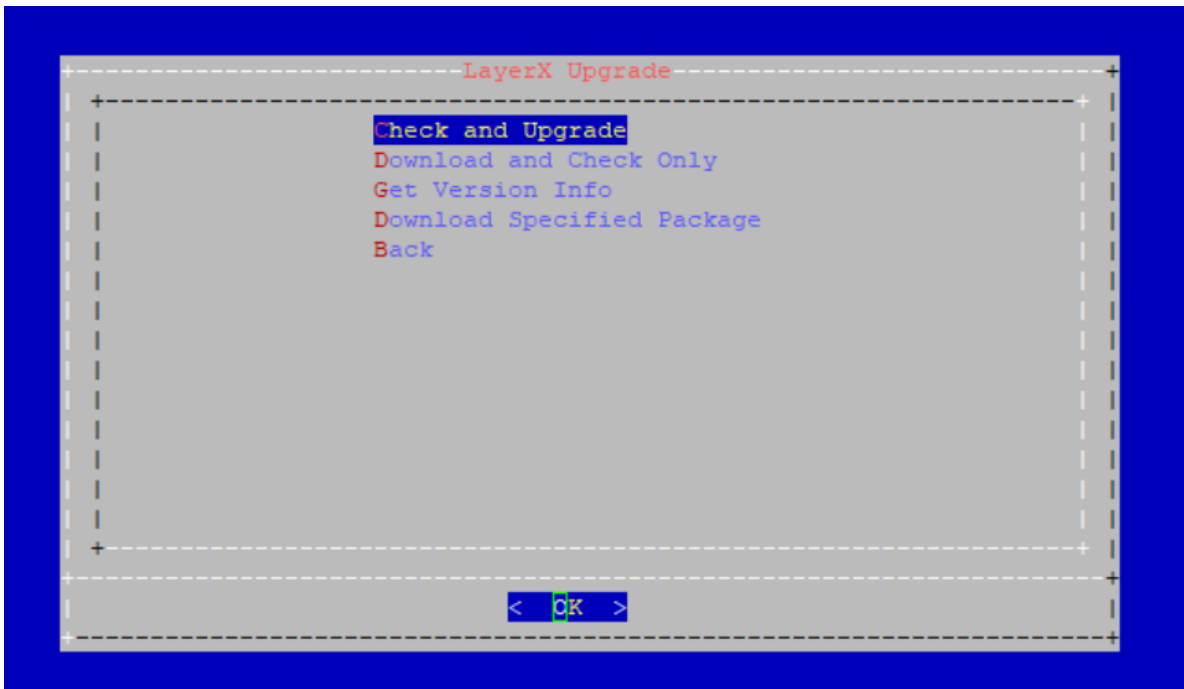
Download Specified package - Enter the following information changing the `<upgrade filename>` with the actual file name.
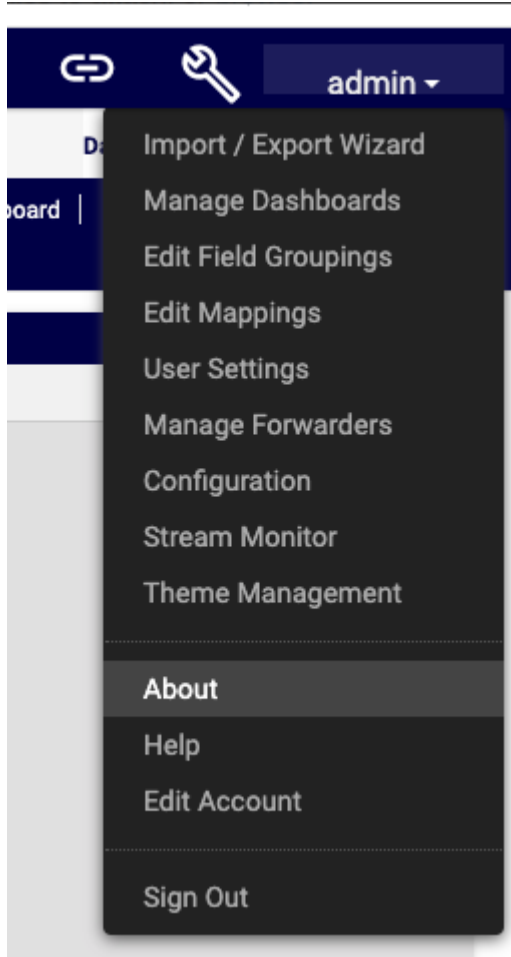
The downloaded filename may be entered, e.g.: `layerX-arbitrator-sp22.1-sp22.2.lxsp`.
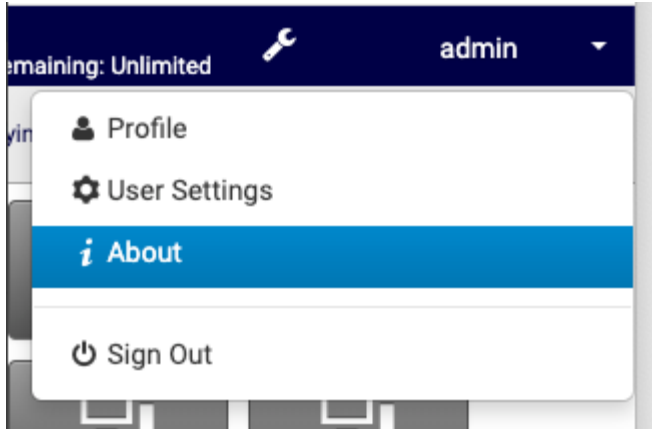
The file will continue to install

2. After the upgrade is complete, reboot the server and log in again to verify.

2.7.   Post Checks

Check the system's version by selecting the **About** menu in the UI, for example:

or

Note: If the version does not appear to be updated, then clear your browser's cache and reconnect.

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3. Add Certificates

1. SCP the new `server.crt` and `server.key` files to the `etc/apache2/` directory on the system, overwriting the old certificate files.

   Recommended: back up the current certificate files prior to overwriting them.

2. SSH to the system as `root` and restart the apache service using the **sv restart apache** command.

3. Clear browser cache.

4. Apache will now use the new signed certificate.