Hedgehog Upgrade Guide: 2.3.0 to 2.4.0

This document describes how to upgrade a server from release 2.3.0 to release 2.4.0 of Hedgehog via packages.

Back up the old installation

If desired, back up the existing installation (the directory structure in the User Guide is a useful reference) and database.

1. Pre-installation

1.2 Cron jobs

Stop refile and grok cron job running:

```
sudo -u hedgehog crontab -e
# Import XML data every 15 mins
# 00,15,30,45 * * * * <prefix>/bin/refile_and_grok.sh -c >>
/var/log/hedgehog/refile_and_grok_xml_to_db.sh.log 2>&1
```

Comment out any other jobs that are about to run. If the dsc-extractor process is running wait for it to finish before continuing.

1.3 Disable web front end

It is recommended to disable the web front end during upgrade e.g by enabling a holding page.

2. Upgrade of Packages

```
sudo apt-get update
sudo apt-get upgrade
```

2.2 Run DDL scripts

Manually run the following script:

```
sudo -u hedgehog /usr/lib/hedgehog/DDL_updates/000016_ddl_server_addr_vs_trans
sudo -u hedgehog /usr/lib/hedgehog/DDL_updates/000017_ddl_node_stats
```

2.3 Run the manage_partitions script for this month and next month

Setup the database partitions for the new dataset. Do this for the current month and for next month.

```
    sudo -u hedgehog hedgehogctl database_manage_partitions -m <YYYY-MM>
```

Once this script has been run then add the new dataset to the dsc.conf file if desired:

```
    dataset server_addr_vs_trans dns Transport:transport ServerAddr:server queries-only;
```

2.4 Review hedgehog_gui.yaml

There is a new configuration option available in the hedgehog_gui.yaml file in 2.4

```
    enable_node_selection        : 1              # '1' -> true, Show the node radio button
                                                  # '0' -> false, hide the node radio button
```

2.5 Update to nodes.csv

In 2.4 there is a new (optional) field introduced into nodes.csv 'rename-or-remove'. This enables nodes to either be renamed (also updating the data directory on disk) or removed from the database (data on disk is left untouched). For more information see the usage of the *databas e_update_nodes* script and the latest *nodes.csv* file.

3. Post-install

4.1 Test web front end

Re-enable and test the web front end. Make sure to restart apache.

```
    sudo service apache2 reload
```

3.2 Re-enable cron jobs

Restart refile and grok cron job running:

```
    sudo -u hedgehog crontab -e
    # Import XML data every 15 mins
    00,15,30,45 * * * * /usr/bin/refile_and_grok -c >>
    /var/log/hedgehog/refile_and_grok_xml_to_db.log 2>&1
```

Re-enable any other jobs that were disabled for the upgrade.