VAA Platform Guide

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Contents

1. Analytics Platform Functionality

Analytics platform commands and functionality is described in this guide.

Refer to the VOSS-4-UC Platform Guide (Release 17.6) for details on the general commands and tasks that are available on the Command Line Interface (CLI).

Note: For the Analytics platform, the following functionality and related commands as found in the VOSS-4-UC Platform Guide (Release 17.6) *does not apply*:

- Clustering and cluster related settings, commands and output.
- Backup functionality and commands. Analytics configuration data is backed up from the web interface.
- Self-Service commands and functions.
- CLI user management.

2. Reporter Commands

The VOSS-4-UC Analytics CLI has a number of `reporter` commands

```
$ reporter
USAGE:
------
reporter connect                   - Connect to remote VOSS system
reporter http_connection           - Print http_connection for VOSS system
reporter http_connection <IP>|None - Set or remove manual http_connection for
                                       VOSS system
reporter test_connection           - Test remote mongo and VOSS system
                                       connection
```

The **reporter connect** and **reporter test_connection** commands are used during the install process, or during system management.

For installation details, refer to the Set Up Analytics topic in the VOSS-4-UC Analytics Install Guide.

- **reporter connect**

  The command takes an IP address parameter, which is the target system primary database server address. To determine the VOSS-4-UC system primary database server IP address, log in the the VOSS-4-UC system and run the command **database primary**.

  Use this IP address as a *host* parameter and enter the password, for example:

  ```
  $ reporter connect
  host: 192.77.248.122
  pass:
  ```

- **reporter http_connection**

  The VOSS-4-UC Analytics system web interface connects to a VOSS-4-UC node that runs its web server. The web proxy nodes on a target VOSS-4-UC system can be shown with the **cluster status** command.

  For example, for a standalone system, the command output of this command is `None`, since the web proxy nodes has the same address as the application and database. The example output of the command below is on a standalone VOSS-4-UC system:

  ```
  $ cluster status

  Data Centre: atlantic
     application : voss2-08[192.77.248.122]

         webproxy : voss2-08[192.77.248.122]

         database : voss2-08[192.77.248.122]
  ```

- **reporter http_connection <IP>|None**

  The web interface of VOSS-4-UC Analytics can be set to a specified web proxy IP address, fully qualified domain name, or it can be reset to None.

- **reporter test_connection**

  This test command is also used during the installation process. The example below shows command output when connected to a standalone VOSS-4-UC system.

```
$ reporter test_connection
MongoDB Connection established to 192.77.248.122
Primary Connection is 192.77.248.122:27020
HTTP Connection to 192.77.248.122 succesfull
```

3.   Application Status

The command **app status** is used to display the status of the system. When the command is executed, it requests an up-to-date status of every process, and hence may take a few seconds to return.

Note: The `uc-reporter` service status indicates the Analytics service state.

A typical app status screen from the command line interface:

```
platform@analytics123:~$ app status
cluster v1.5.0 (2016-09-07 08:02)
template_runner v1.5.0 (2016-09-07 08:13)
mongodb v1.5.0 (2016-09-07 08:02)
   |-arbiter    running
   |-database   running
support v1.5.0 (2016-09-07 08:13)
snmp v1.5.0 (2016-09-07 08:13)
   |-daemon     running (completed)
   |-traps      running (completed)
platform v1.5.0 (2016-09-07 08:03)
nginx v1.5.0 (2016-09-07 08:03)
   |-proxy      running
uc-reporter v1.3.0 (2016-09-07 07:39)
   |-node       running
services v1.5.0 (2016-09-07 08:11)
   |-wsgi       running
   |-logs       running
   |-firewall   running
   |-mount      running
   |-scheduler running
   |-syslog     running (completed)
   |-time       running (completed)
security v1.5.0 (2016-09-07 08:10)
```

The following states are defined:

- `running` indicates that the process is running correctly.
- `completed` indicates that the process ran to completion successfully.
- `suspended` indicates that the process is suspended while waiting for another process.
- `stopped` indicates that the process is not running. An error message indicates that the process stopped for an unexpected reason.

4. Reporter Logs

VOSS-4-UC Analytics logs that should be noted, are:

- `process/uc-reporter.node.log`

  VOSS-4-UC Analytics log

  Use the commands:

  - **log view process/uc-reporter.node.log** to view the log.
  - **log follow process/uc-reporter.node.log** to follow the log.

- `install/uc-reporter_install.script-YYYMMDD.log`

  Installation logs

Refer to the Platform Guide for details on sending logs to a remote destination.