



# VOSS Insights Platform Guide

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# 1. VOSS Insights Platform Functionality

VOSS Insights platform commands and functionality is described in this guide.

Refer to the VOSS Automate Platform Guide for details on the general commands and tasks that are available on the Command Line Interface (CLI).

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**Note:** For the VOSS Insights platform, the following functionality and related commands as found in the VOSS Automate Platform Guide *does not apply*:

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

## 2. Reporter Commands

The VOSS Insights 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 VOSS Insights topic in the VOSS Insights Install Guide.

- **reporter connect**

The command takes an IP address parameter, which is the target system primary database server address. To determine the VOSS Automate system primary database server IP address, log in the the VOSS Automate 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 Insights system web interface connects to a VOSS Automate node that runs its web server. The web proxy nodes on a target VOSS Automate 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 Automate 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 Insights 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 Automate 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.

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**Note:** The `uc-reporter` service status indicates the VOSS Insights service state.

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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 Insights logs that should be noted, are:

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

VOSS Insights 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-YYYYMMDD.log`

Installation logs

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