

Health Check command

shinken-healthcheck

This tool is used to check the state of your Shinken Enterprise installation and configuration.

If launch on the arbiter daemon, will check all the daemons of your architecture (simulate shinken-global-healthcheck)

If launch from a distant server (scheduler, poller, etc...) only the local daemons will be check (simulate shinken-local-healthcheck)

Usage:

shinken-healthcheck

Options:

Name	Description
--version	Show program's version number and exit.
-h, --help	Show this help message and exit.
-f, --file	Write output that can be send to the Shinken Solutions team. Support file is available at /root/shinken-healthcheck_date_hour

Sample Output

```
#####
This tool is used to check the state of your Shinken Enterprise (02.03.03.U01) installation and
configuration
Note: Global check launch as launch from a arbiter server
#####
Versions:
  Original installed version: 02.03.03.U01-137.fr
  Updated version           : 02.03.03.U01-137.fr
#####
[.....] 100%
Architecture
-----
|Realm All|
-----
  |In All|
-----
  - localhost (127.0.0.1):
  ^^^^^^^^^^^^^^^^^^^^^^
    [receiver: receiver-1]
      AT RISK: receiver-1 is defined with the localhost address. It is a problem in
distributed mode. Please configure it with the LAN IP/FQDN address instead
      OK:      Connection to daemon is OK at port 7773
      OK:      Daemon version is: 02.03.03.U01-137.fr
    [reactionner: reactionner-master]
      AT RISK: reactionner-master is defined with the localhost address. It is a problem in
distributed mode. Please configure it with the LAN IP/FQDN address instead
      OK:      Connection to daemon is OK at port 7769
      OK:      Daemon version is: 02.03.03.U01-137.fr
    [broker: broker-master]
      AT RISK: broker-master is defined with the localhost address. It is a problem in
```

distributed mode. Please configure it with the LAN IP/FQDN address instead

OK: Connection to daemon is OK at port 7772
OK: Daemon version is: 02.03.03.U01-137.fr

Modules

OK: Name: Livestatus Type: livestatus
OK: Name: Simple-log Type: simple-log
OK: Name: WebUI Type: webui
OK: Name: Graphite-Perfdata Type: graphite_perfdata
OK: Name: sla Type: sla

- 127.0.0.1 (127.0.0.1):
^^

[poller: poller-central]

OK: Configuration seems valid
OK: Connection to daemon is OK at port 7771
OK: Daemon version is: 02.03.03.U01-137.fr

- localhost (192.168.56.101):
^^

[scheduler: scheduler-central]

OK: Configuration seems valid
OK: Connection to daemon is OK at port 7768
OK: Daemon version is: 02.03.03.U01-137.fr

Modules

OK: Name: PickleRetentionFile Type: pickle_retention_file

Realm All/Extra/

In Extra

- 192.168.56.102 (192.168.56.102):
^^

[poller: poller-distant]

AT RISK: Cannot get module details from your daemon (HTTP Error 404: Not Found). Please update it.

OK: Configuration seems valid
OK: Connection to daemon is OK at port 7771

Realm All/Extra/Extra2/

In Extra2

- 192.168.56.102 (192.168.56.102):
^^

[scheduler: scheduler-distant]

AT RISK: Cannot get module details from your daemon (HTTP Error 404: Not Found). Please update it.

OK: Configuration seems valid
OK: Connection to daemon is OK at port 7768

- localhost (127.0.0.1):
^^

[arbiter: synchronizer-master]

AT RISK: synchronizer-master is defined with the localhost address. It is a problem in distributed mode. Please configure it with the LAN IP/FQDN address instead

OK: Connection to daemon is OK at port 7765
OK: Daemon version is: 02.03.03.U01-137.fr

Modules

OK: Name: Cfg_password Type: cfg_password_webui
OK: Name: syncui-import Type: syncui-import
OK: Name: cfg-file-shinken Type: cfg-file-import
OK: Name: active-dir Type: active-dir-import
OK: Name: sync-vmware Type: sync-vmware
OK: Name: cfg-file-nagios Type: cfg-file-import
OK: Name: discovery-import Type: discovery-import
OK: Name: ip-tag-dmz Type: sync_ip_tag
OK: Name: sync-regex-tag Type: sync-regex-tag

[arbiter: arbiter-master]

AT RISK: arbiter-master is defined with the localhost address. It is a problem in distributed mode. Please configure it with the LAN IP/FQDN address instead

OK: Connection to daemon is OK at port 7770
OK: Daemon version is: 02.03.03.U01-137.fr

```

Modules
      OK:      Name: synchronizer-import      Type: synchronizer-import

Licence key
  ERROR:   The licence key is invalid
  ERROR:   No licence key. Trial mode Node limits : 20

Local libraries
  [gevent]
    OK:     Library gevent is available. Version: 0.13.8
  [pycurl]
    OK:     Library pycurl is available. Version: libcurl/7.19.7 NSS/3.16.2.3 Basic ECC zlib/1.2.3
libidn/1.18 libssh2/1.4.2
  [pymongo]
    OK:     Library pymongo is available. Version: 2.9.2
  [ldap]
    OK:     Library ldap is available. Version: 2.3.10

Modules
  [WebUI]
    OK:     Auth_secret is a custom variable
    OK:     Mongodb server is available at: mongodb://localhost/?safe=true
  [Synchronizer]
    OK:     Mongodb server is available at: mongodb://localhost/?safe=false
    OK:     Auth_secret is a custom variable
    OK:     The master_key is a custom variable

Storage
  [graphite]
    OK:     Graphite server 127.0.0.1 is available with 1 top level elements
    OK:     Graphite server localhost:2003 is available

```

Output parts

The healthcheck output is separated into several parts:

- **Architecture:** about your daemons configuration
- **Libs:** about installed libraries need by Shinken Enterprise
- **Licence key:** all about your licence key
- **Modules:** information about UIs
- **Storage:** information about the mongodb and graphite storage system

There are 3 level for output:

- **OK:** all is valid
- **At Risk:** it works, but something can go wrong in the future if you don't fix something
- **Error:** this part is in error and must be fix now

shinken-local-healthcheck

This tool is used to check the state of your local Shinken Enterprise installation and configuration.

With this command, only the local installation and daemons will be checked.

Usage:

```
shinken-local-healthcheck
```

Options:

Name	Description
--version	Show program's version number and exit.
-h, --help	Show this help message and exit.
-f, --file	Write output that can be send to the Shinken Solutions team. Support file is available at /root/shinken-healthcheck_date_hour

Output parts

The healthcheck output is separated into several parts:

- **Architecture:** about your daemons configuration
- **Libs:** about installed librairies need by Shinken Enterprise
- **Licence key:** all about your licence key
- **Modules:** information about UIs, if launch on a broker daemon
- **Storage:** information about the mongodb and graphite storage system, if need by daemons

There are 3 level for output:

- **OK:** all is valid
- **At Risk:** it works, but something can go wrong in the future if you don't fix something
- **Error:** this part is in error and must be fix now

shinken-global-healthcheck

This tool is used to check the state of your local Shinken Enterprise installation and configuration.

With this command, all the local and distant daemons will be checked. This should be launched only for the central (synchronizer/arbiter) daemon.

Usage:

```
shinken-global-healthcheck
```

Options:

Name	Description
--version	Show program's version number and exit.
-h, --help	Show this help message and exit.
-f, --file	Write output that can be send to the Shinken Solutions team. Support file is available at /root/shinken-healthcheck_date_hour

Output parts

The healthcheck output is separated into several parts:

- **Architecture:** about your daemons configuration
- **Libs:** about installed librairies need by Shinken Enterprise
- **Licence key:** all about your licence key
- **Modules:** information about UIs, if launch on a broker daemon
- **Storage:** information about the mongodb and graphite storage system, if need by daemons

There are 3 level for output:

- **OK:** all is valid
- **At Risk:** it works, but something can go wrong in the future if you don't fix something
- **Error:** this part is in error and must be fix now

