
gnocchi-nagios Documentation

Release

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CHAPTER 1

Gnocchi-nagios

Gnocchi-nagios allows to push Nagios perfdata to Gnocchi

- Free software: Apache license
- Documentation: <http://gnocchi-nagios.readthedocs.org/>
- Source: <https://github.com/sileht/gnocchi-nagios>
- Bugs: <https://github.com/sileht/gnocchi-nagios/issues>
- Contribution via Github pull requests: <https://github.com/sileht/gnocchi-nagios/pulls>

CHAPTER 2

Installation

At the command line:

```
$ pip install gnocchi-nagios
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv gnocchi-nagios  
$ pip install gnocchi-nagios
```

Nagios/Icinga configuration

This is example of perfddata configuration for Gnocchi-nagios

Preparing working directories:

```
$ mkdir -p /var/spool/gnocchi-nagios/{nagios, ready}
```

In /etc/nagios3/nagios.conf:

```
host_perfddata_file_mode=a
host_perfddata_file_processing_interval=5
host_perfddata_file_template=DATATYPE::HOSTPERFDATA\tTIMET::$TIMET$\tHOSTNAME::
↪$HOSTNAME$\tHOSTPERFDATA::$HOSTPERFDATA$\t$\tHOSTSTATE::$HOSTSTATE$\tHOSTSTATETYPE::
↪$HOSTSTATETYPE$

service_perfddata_file_mode=a
service_perfddata_file_processing_interval=5
service_perfddata_file_template=DATATYPE::SERVICEPERFDATA\tTIMET::$TIMET$\tHOSTNAME::
↪$HOSTNAME$\tSERVICEDESC::$SERVICEDESC$\tSERVICEPERFDATA::
↪$SERVICEPERFDATA\tHOSTSTATE::$HOSTSTATE$\tHOSTSTATETYPE::$HOSTSTATETYPE
↪$\tSERVICESTATE::$SERVICESTATE$\tSERVICESTATETYPE::$SERVICESTATETYPE$

host_perfddata_file=/var/spool/gnocchi-nagios/nagios/host-perfddata
host_perfddata_file_processing_command=gnocchi-nagios-host

service_perfddata_file=/var/spool/gnocchi-nagios/nagios/service-perfddata
service_perfddata_file_processing_command=gnocchi-nagios-service
```

In /etc/nagios3/conf.d/gnocchi-nagios.cfg:

```
define command {
    command_name    gnocchi-nagios-service
    command_line    /bin/mv /var/spool/gnocchi-nagios/nagios/service-perfddata /
↪var/spool/gnocchi-nagios/ready/service-perfddata.$TIMET$
}
```

```
define command {  
    command_name    gnocchi-nagios-host  
    command_line    /bin/mv /var/spool/gnocchi-nagios/nagios/host-perfdata /var/  
↪spool/gnocchi-nagios/ready/host-perfdata.$TIMET$  
}
```

CHAPTER 4

Gnocchi Setup

Installation and configuration of Gnocchi can be found [here](#)

Don't forget to create archive policies and archive policies rules that match your needs.

CHAPTER 5

Gnocchi-nagios

Once it's setup, you can configure gnocchi-nagios by creating a `gnocchi-nagios.conf`:

```
[DEFAULT]
spool_directory = /var/spool/gnocchi-nagios/ready

[gnocchi]
auth_type = gnocchi-noauth
roles = admin
user_id = nagios
project_id = nagios
endpoint = http://localhost:8041
```

Note: Gnocchi-data assumes nagios TIMET epoch are in UTC

And then run it with:

```
$ gnocchi-nagios --config-file=gnocchi-nagios.conf
```

To get all configuration option you can run

```
$ tox -egenconfig
$ less etc/gnocchi-nagios/gnocchi-nagios.conf
```


CHAPTER 6

Indices and tables

- `genindex`
- `modindex`
- `search`