

# opHA 3 - Integration with other products

In this document, a description about the opHA 3 features when integrating with other products will be made.

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## NMIS 9

opHA will synchronise all the NMIS 9 database information. That means:

- Log files from the pollers will not be synchronised
- RRD files will not be moved

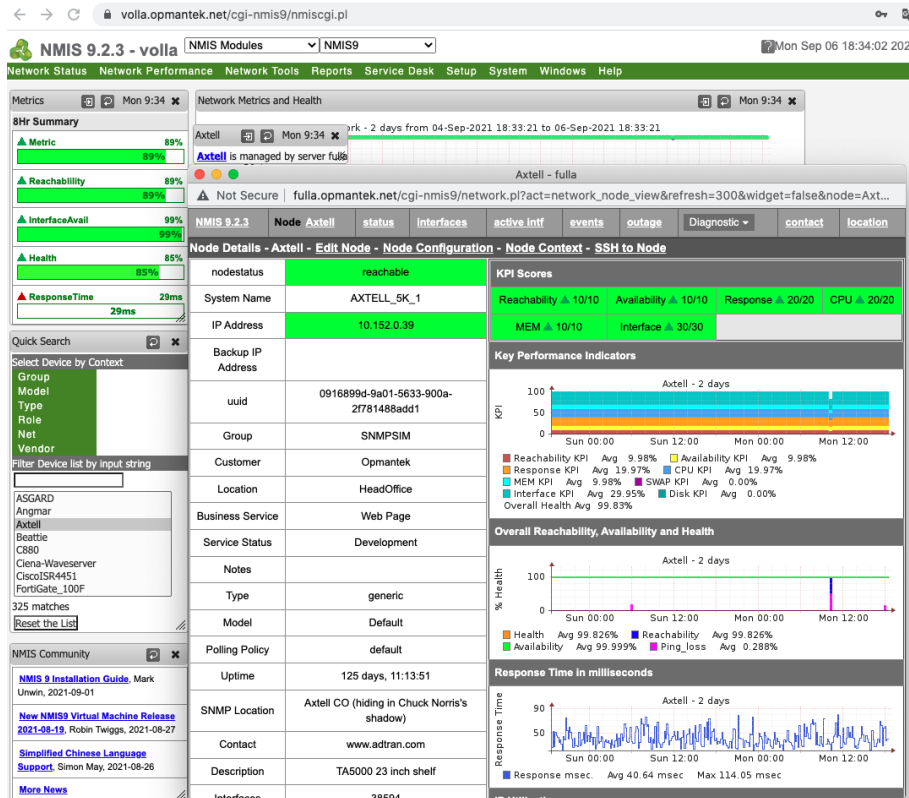
The functional differences between a primary, poller and standalone server are as follows:

### Standalone Server

- It will poll all the local nodes
- All the local nodes can be managed locally.

### Primary Server

- It can poll local nodes
- It will have information about the remote nodes
- It will create network metrics for local and remote nodes
- Just Local nodes can be edited
- It will redirect to the poller to read information for remote nodes



We will see all the actions and all the pollers:

opHA 3.3.1
Views
Events
Config
System

Home  
opHA 3 Home

opHA Menu

Peers  
Discover and manage peers

Configuration  
Edit remote configuration files

Log  
Peers last activity

Pollers

poller-nine

Last pull
Mon Sep 6 08:45:08 2021

Pull Status
Success

Nodes
522

DB status

Error

Ok

Ok

opchartsd

opevents

opconfig

Ok

Ok

nmis9d

omkd

fulla

Last pull
Mon Sep 6 08:45:06 2021

Pull Status
Success

Nodes
76

DB status

Error

Error

Error

opchartsd

opevents

opconfig

Ok

Ok

nmis9d

omkd

## Poller Server

We will see a message that indicate us that it is a poller:

opHA 3.3.1
Views
Reports
Events
Config

Home  
opHA 3 Home

This is a poller server managed by **master-nine**.  
The opHA configuration is not available in a poller.  
Central configuration and data management should be done from the primary server **master-nine**.  
Further information can be found in the [documentation](#).  

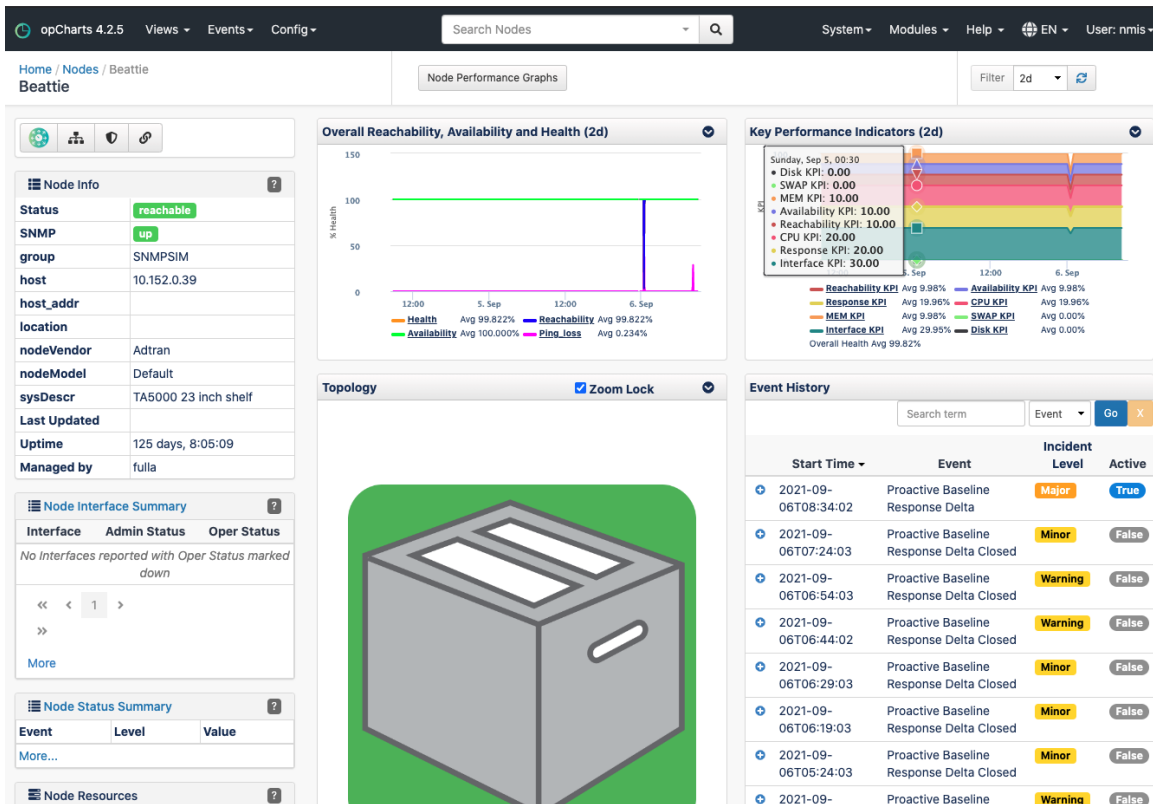
Last pull: Mon Sep 6 08:45:07 2021

## opCharts

As opCharts operates with NMIS 9 data, we will be able to see and use the remote nodes as local nodes from opCharts, and use them in Charts or maps.

We just need:

- opHA keeps synchronising the data in order to be updated.
- The nodes should be activated for opCharts in order to see them.
- Have opHA urls [configured correctly](#).



Remote node from the primary.

As RRD data is not synchronised, opCharts makes a remote call to visualise the graph information. If you cannot see the graphs, please review [this information](#).

## opEvents

opHA just synchronises the information collected by NMIS9. But there are different approaches regarding opEvents data integration between servers:

- Using the [opEvents API](#)
- Send events to the primary server [using syslog](#).

Depending on the followed approach, the opEvents rules can be set up in the poller or the primary.

They should be set up in the primary in case of using the syslog approach.

If we are using the API they can be set up in the poller or the primary. It is a common approach to just send the important events to the primary.

## opConfig

opHA does not provide integration at the moment for opConfig.

opConfig will work just with local nodes.

## opReports

opHA does not provide integration at the moment for opReports.

As opReports uses rrd data and this is not synchronised.

The reports must be created from the pollers, and use local data. Then the reports can be [synchronised with the primary server](#).