

opCharts Real-time Charts

Real-time charts are used to monitor a device at a higher frequency than NMIS is currently monitoring it, they may also be described as "close watch" or "fast polling" charts. In the first release of real-time charts only devices currently being monitored by NMIS can be added.

Background

There are two parts to a real-time chart:

1. [Polling Definition \(pollers\)](#)
2. [Collection Definition \(collectors\)](#)

The polling definition describes what will be collected and how the data will be presented. The collection defines which node will be polled, which polling definition will be used and defines the parameters around collection and data retention.

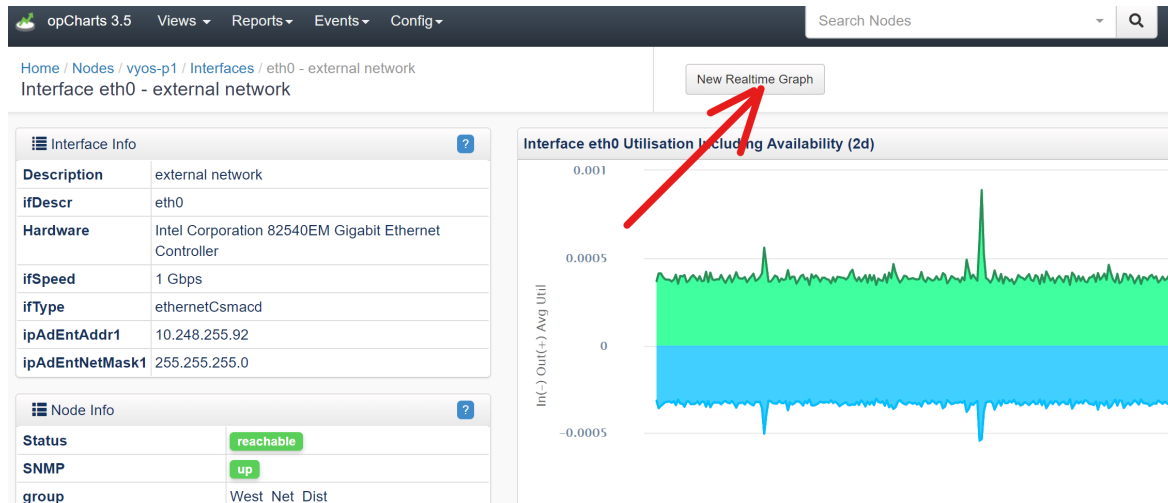
How to view a list of real time charts (collectors) - ones which have been previously created

Simply browse to Views Manage Collectors. There you will see a list of collectors - which devices, interfaces etc and how when those real time collectors will stop.

How to create new Collectors

From the Node's Interface Graph view

Browse to the Node you are interested in, find the interface and simply click the New Realtime Graph button.



By defining a new Collector

Click Views-ManageCollectors then use the Plus button to define a new collector.

The screenshot shows the opCharts 4.2 interface. The 'Collection Definition' menu is open, with a red arrow pointing to the '+' icon. The menu options include: Home, Nodes, Events, Inventory, Monitored Services, Status, TopN, Metrics & Health, Business Services, Charts, Dashboards, Maps, Manage Collectors, View Polling Definitions, and Scheduled Outages. The main table displays poller information:

	Node	Poller	SNMP Index	ifDescr	Frequency	Enabled	Stop At	Created
		Interface Utilisation - High Speed	2		15	<input checked="" type="checkbox"/>	2025-11-09T15:09:50	2020-04-09T19:09:50
		Interface Utilisation - High Speed	1	FastEthernet0/0	30	<input checked="" type="checkbox"/>	2025-09-01T00:00:00	2020-04-21T00:01:00
		Interface Utilisation - High Speed	12	Vlan1	30	<input checked="" type="checkbox"/>	2025-05-24T14:13:10	2020-04-24T04:13:10
		Interface Utilisation - Low Speed	22	Dialer1	15	<input checked="" type="checkbox"/>	2025-05-24T14:14:21	2020-04-24T04:14:21
		Interface Utilisation - High Speed	2		15	<input checked="" type="checkbox"/>	2025-05-21T12:52:03	2020-04-21T02:52:03

Choose the Device, the Polling Definition (note - you can create new ones as described a here [Polling Definition \(pollers\)](#))

This will then show the available resources e.g interfaces, you should then select how long lived the Real Time collection should occur for considering that sub minute polling will collect a lot of data very fast on the disk.

The 'New Collector' form contains the following fields:

- Node**: Search Nodes
- Polling Definition**: [Dropdown]
- Enabled**: ☒ true ☐ false
- SNMP Index**: [Text Input]
- Frequency**: 15 seconds
- Max Age**: 1 day
- Stop collecting at**: 2020-12-17T13:56:40

Buttons: Cancel, Save