

Status Tab

The status tab displays information about the current measurement and the operation of Scope.

Table of Contents

| | |
|------------------------------|---|
| 1. Overview | 3 |
| 2. Computed Parameters | 3 |
| 3. Results in Memory | 4 |
| 4. Log | 4 |

1. Overview

The status tab contains three groups:

- Computed Parameters
- Results in Memory
- Log

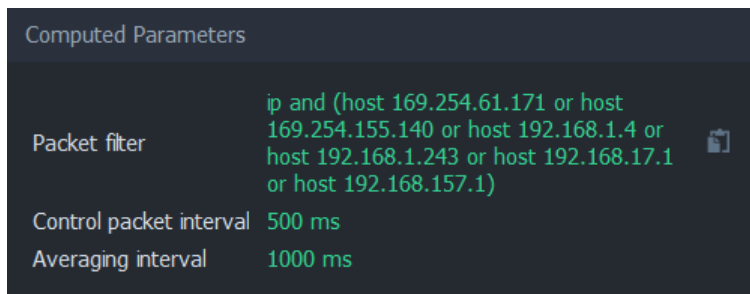
The screenshot shows the 'Status' tab in a dark-themed interface. At the top, there are navigation tabs: Dashboards, Flows, Numerical, Map, QoE, and Status (which is highlighted). Below the tabs, the interface is divided into three main sections:

- Computed Parameters:** A table with two columns. The first column lists parameters: 'Packet filter', 'Control packet interval', and 'Averaging interval'. The second column shows their values: 'ip and host 192.168.0.112' (with a copy icon), '500 ms', and '1000 ms'.
- Results in Memory:** A table with two columns. The first column lists metrics: 'Averages', 'Packets', and 'Period'. The second column shows their values: '671 (6 %)', '0', and '11.11.2024 17:29:05 - 12.11.2024 20:01:01'.
- Log:** A scrollable area containing a list of log messages. Each message starts with a timestamp and a severity level (e.g., [20:00:49] [detailed]). The messages describe the configuration of the primary probe, including PSQA settings, hostnames, and various MAC addresses for IPv4 and IPv6. It also shows the use of a secondary probe and the fetching of the packet filter.

On the right side of the log area, there is a 'Logging settings' panel with a checkbox for 'Print detailed messages' (which is checked) and a 'Clear' button.

2. Computed Parameters

The computed parameters group displays the values, which are automatically calculated by Qosium when a measurement is started. Depending on the measurement settings, these may be the given manual values, but they may also differ if Qosium can determine values better suited for the measurement scenario.



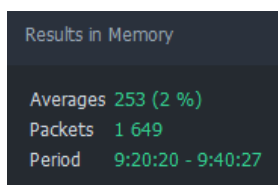
 Tip

Use the button next to the computed packet filter to copy it to the clipboard. You can then paste it as a template for [a manual packet filter](#).

3. Results in Memory

This group shows how many results there are currently in Qosium Scope's memory.

- **Averages**
 - The number of average results in memory
 - The percentage in parenthesis tells the fraction of the reserved average results sample memory.
 - The sample memory size can be set under [the Results tab](#).
 - When the sample memory is about to get full, some of the earliest samples will be erased.
- **Packets**
 - Indicates the number of packet-based results in memory
 - When average samples are erased from memory, the corresponding packet results are also removed.
- **Period**
 - Describes the period of time from the earlier result to the latest in memory.



4. Log

The log window contains information on the operation and events of Scope. Error and warning messages are also printed in the log for later review.

This group contains a few settings:

- **Print detailed messages** - When checked, low level measurement functional messages are also included in the log
- **Clear** - Clear the log window

Log

```
[19:48:50] [detailed] [ controller]: fe90:0000:0000:0000:0000:0000:9000
[19:48:50] [detailed] [ controller]: fe99:0000:0000:0000:0000:0000:9999
[19:48:50] [detailed] [ controller]: Primary Probe senders mode (Ethernet): 0
[19:48:50] [detailed] [ controller]: 00:d8:61:7a:ba:94
[19:48:50] [detailed] [ controller]: 02:00:4c:4f:4f:50
[19:48:50] [detailed] [ controller]: 0a:00:27:00:00:15
[19:48:50] [detailed] [ controller]: 5c:f3:70:8b:93:b8
[19:48:50] [detailed] [ controller]: 84:af:ec:38:07:3d
[19:48:50] [detailed] [ controller]: Use secondary Probe: 0
[19:48:50] [detailed] [ controller]: Fetching packet filter
[19:48:50] [detailed] [ controller]: Packet filter fetched: icmp
[19:48:52] [ info] [ controller]: Stopping measurement
[19:48:53] [ info] [ controller]: Measurement stopped
[19:48:53] [detailed] [ ui]: Measurement duration: 2000 ms
[19:48:56] [detailed] [ controller]: Sending measurement parameters to primary Probe
[19:48:56] [detailed] [ controller]: Parameters sent successfully
[19:48:56] [detailed] [ controller]: Setting interface for primary Probe: Realtek PCIe
GbE Family Controller
[19:48:56] [detailed] [ controller]: Primary Probe interface set successfully
[19:48:56] [detailed] [ controller]: Setting capture filter mode: 220
[19:48:56] [detailed] [ controller]: Setting capture filter:
[19:48:56] [detailed] [ controller]: Requesting average results
[19:48:56] [detailed] [ controller]: Requesting average results from primary Probe only
[19:48:56] [detailed] [ controller]: Requesting flow results
[19:48:56] [detailed] [ controller]: Polling results every 100 milliseconds
[19:48:56] [ info] [ controller]: Measurement started
[19:48:56] [detailed] [ controller]: Fetching Probe parameters
[19:48:56] [detailed] [ controller]: Parameters fetched successfully
[19:48:56] [detailed] [ controller]: Printing out Probe parameters:
```

Logging settings

Print detailed messages

Clear

Accessing the log file

Scope also saves the log to a file. The location of the log file depends on the operating system.

In Windows, the filename is `c:\users\[username]\AppData\Local\kaitotek\QosiumScope\debug.log`.

In Linux, the filename is `~/config/QosiumScope/debug.log` or `/etc/xdg/QosiumScope/debug.log`.