



UFM Logs Tab

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UFM logging records events and actions that can serve to identify fabric and UFM server issues and assist in troubleshooting.

The logs are categorized into three files according to the activities they record: **Event** logs, **SM** logs, and **UFM** logs.

To view the log files, select the desired log file from the drop-down menu. Log data will be displayed:

The screenshot shows the 'System Health' interface with the 'UFM Logs' tab selected. Below the tabs, there are filters for 'Event Logs' (a dropdown menu), 'Time' (set to 'Last 24 hours'), a line count dropdown (set to '10000'), and a 'Search...' input field. The main area is titled 'Log View' and contains a list of log entries. Each entry includes a timestamp, a severity level in brackets, a component name in brackets, and a description of the event. For example, one entry is '2020-11-09 13:15:27.382 [84852] [605] CRITICAL [Maintenance] Grid [Grid]: Fabric Analysis Report failed, Return code: 1'. A vertical scrollbar is visible on the right side of the log list.

In the Logs window, you can do the following:

- Refresh the data using the Refresh button on the right-hand side of the screen
- Search for a specific value using the Search bar
- Limit the display to a specific time period using the Time drop-down menu
- Limit the display to a specific number of lines using the drop-down menu (use "All" option to display all lines)
- Control the display of log occurrences by either showing all lines or hiding the duplicated ones.

Event Logs

Event Logs show the history of fabric events detected and initiated by the UFM server. The timestamp and severity of an event is indicated as well as the cause of the event and additional relevant information. *The Event log is kept on the UFM server in the /opt/ufm/log/events.log file.* Events can be configured whether to appear in the log files under the Events Policy tab in the Settings window. For more information, see [Events Policy](#).

See "[Appendix - Supported Port Counters and Events](#)" for a comprehensive list of Events.

Subnet Manager (SM) Logs

SM Logs show messages of the Subnet Manager and communication plug-in.

The log verbosity is defined by selecting the Log Levels in the Subnet Manager tab under Settings window. For more information, see [Subnet Manager Tab](#).

UFM Logs

UFM Logs is a general log of UFM Server. The log saves a history of user actions, events, polling results and other server activities and errors. Log verbosity is defined on start-up in the configuration file /opt/ufm/conf/gv.cfg:

```
[Logging]
# optional logging levels
#CRITICAL, ERROR, WARNING, INFO, DEBUG
level = WARNING
```

The default verbosity level is WARNING.

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