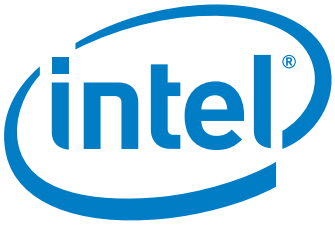
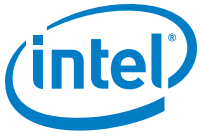


Intel® Omni-Path Fabric Manager GUI Software

Release Notes for 10.1

May 2016

Order No.: J31371 -1.0



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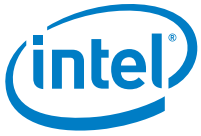

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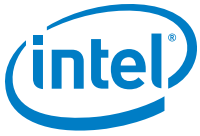


1.0 Overview of the Release

1.1 Introduction

These Release Notes provide a brief overview of the changes introduced into the Intel® Omni-Path Fabric Manager GUI by this release. References to more detailed information are provided where necessary. The information contained in this document is intended for supplemental use only; it should be used in conjunction with the documentation provided for each component.

These Release Notes list the new features of the release, open issues, and issues that were resolved during release development.

1.2 Audience

The information provided in this document is intended for installers, software support engineers, and service personnel.

1.3 Software License Agreement

This software is provided under license agreements and may contain third-party software under separate third-party licensing. Please refer to the license files provided with the software for specific details.

1.4 If You Need Help

Technical support for Intel® Omni-Path products is available 24 hours a day, 365 days a year. Please contact Intel Customer Support or visit www.intel.com for additional detail.

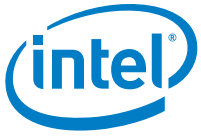
1.5 Supported in this Release

New features and changes in this release include:

- The Performance Trend Chart displays the number of failed ports
- The Top N Chart displays color coding for ports with failure status
- A new product icon was introduced in this release

This section lists the items supported for this release.

- Data is collected from the Fabric Manager's Fabric Executive and local data storage and is shown in the GUI as Failures, Hot spots, or trends.
- Information for the Fabric Manager's Device Groups, Virtual Fabric configuration, and Command Line Interface descriptions can be shown.
- Fabric Manager GUI Online help opens in a separate window. Context-sensitive help is also available.



- The Home page provides the big picture of a fabric, including the Subnet Summary, Subnet Performance, Subnet Statistics, Statistical Summary of Nodes, Statistical Summary of Ports, Subnet Status, Subnet Health Trend, and Worst Nodes.
- The Topology page provides topology information for selected resources, with a selection of Device Set Topology, Device Node topology, Link Topology, and Route Topology.
- The Administration Page allows the user to manage a subnet with Applications Management, Device Groups Management, Virtual Fabrics Management, an Interactive Console, and a Log Viewer.
- Other useful items include an Event Table, a Pin Board, and a Navigation bar.
- New Health Score calculation
- Email notification on events
- Application, Device Group, and Virtual Fabric management on ESM

1.6 Operating Environments Supported

This release of the Intel® Omni-Path Fabric Manager GUI supports all operating systems using JRE 1.7 or higher. The supported operating systems listed in Table 1-1 have been fully tested.

Table 1-1. Operating Environments Supported

Operating System	Update / SP	Kernel Version
Red Hat* Enterprise Linux* (RHEL*) 7.1 X86_64	Update 1	3.10.0-229.el7.x86_64
XLS: Red Hat* Enterprise Linux* (RHEL*) 7.2 X86_64	Update 2	3.10.0-327.el7.x86_64
SUSE* Linux* Enterprise Server (SLES) 12	N/A	3.12.28-4-default
SUSE* Linux* Enterprise Server (SLES) 12.1	Service Pack 1	3.12.49-11.1-default
Microsoft Windows* 8.1 (64-bit)		

1.7 Installation Requirements

The following are special or release-specific installation requirements for this release:

- Oracle* Java* Runtime Environment (JRE) 1.7 or higher.

1.8 Product Constraints

The following is a list of product constraints for this release:

- None

1.9 Product Limitations

The following is a list of product limitations for this release.

- The Applications, DeviceGroups and VirtualFabrics management on the Admin Page only apply on the common section on file `opafm.xml`. To change FM per instance configurations, you must manually edit the file.
- This release does not support proxy setup. To use FM GUI with proxy, you must run FM GUI locally with fabric, and then use remote desktop or a similar technique such as VNC, NX, or XMing to access FM GUI remotely via proxy.

1.10 Documentation

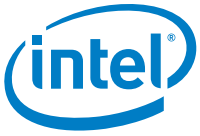
Table 1-2 lists the end user documentation for the current release.

Documents are available at the following URLs:

- Intel® Omni-Path Switches Installation, User, and Reference Guides
  http://www.intel.com/SUPPORT/NETWORK/OMNI-SWTCH100/SB/CS-035856.HTM
- Intel® Omni-Path Host Fabric Interface Installation, User, and Reference Guides (includes software documents)
  http://www.intel.com/support/network/omni-adptr/sb/CS-035857.htm
- Drivers and Software (including Release Notes)
  https://downloadcenter.intel.com/

Table 1-2. Related Documentation for this Release

Document Title
Hardware Documents
Intel® Omni-Path Fabric Switches Hardware Installation Guide
Intel® Omni-Path Fabric Switches GUI User Guide
Intel® Omni-Path Fabric Switches Command Line Interface Reference Guide
Intel® Omni-Path Edge Switch Platform Configuration Reference Guide
Intel® Omni-Path Fabric Managed Switches Release Notes
Intel® Omni-Path Fabric Externally-Managed Switches Release Notes
Intel® Omni-Path Host Fabric Interface Installation Guide
Fabric Software Documents
Intel® Omni-Path Fabric Software Installation Guide
Intel® Omni-Path Fabric Suite Fabric Manager User Guide
Intel® Omni-Path Fabric Suite FastFabric User Guide
Intel® Omni-Path Fabric Host Software User Guide
Intel® Omni-Path Fabric Suite Fabric Manager GUI Online Help
Intel® Omni-Path Fabric Suite Fabric Manager GUI User Guide
Intel® Omni-Path Fabric Suite FastFabric Command Line Interface Reference Guide
Intel® Performance Scaled Messaging 2 (PSM2) Programmer's Guide
Intel® Omni-Path Fabric Performance Tuning User Guide
Intel® Omni-Path Host Fabric Interface Platform Configuration Reference Guide
Intel® Omni-Path Fabric Software Release Notes
Intel® Omni-Path Fabric Manager GUI Release Notes
Intel® Omni-Path Storage Router Design Guide
Building Lustre Servers with Intel® Omni-Path Architecture Application Note*



2.0 Issues

2.1 Introduction

This section provides a list of the resolved and open issues in the Intel® Omni-Path Fabric Manager GUI.

2.2 Resolved Issues in this Release

Table 2-1 lists the issues that are resolved in this release.

Table 2-1. Resolved Issues

ID	Description	Resolved in Release
133384	**RESOLVED:** Cannot deploy FM config change after a success deployment	Intel® Omni-Path Release 10.1.
133071	**RESOLVED:** Topology failed to update correctly after dynamic fabric size change	Intel® Omni-Path Release 10.1.
133830	**RESOLVED:** FMGUI Fails To Display Multiple Standby SMs	Intel® Omni-Path Release 10.1.

2.3 Open Issues

Table 2-2 lists the known open issues for this release, including a description and workaround.

Table 2-2. Open Issues

ID/ Status	Product/ Component	Description	Workaround
132571	Fabric Manager GUI Server and Client	Unable to run FM GUI through a SSL proxy	Run FM GUI locally with fabric, and then use remote desktop or similar technique such as VNC, NX, XMing, etc. to access FM GUI remotely via proxy.
133888	Fabric Manager GUI Server	Cannot launch new instance of FM GUI when we install it while it's running	When it happens, use a system tool to kill the running application.

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