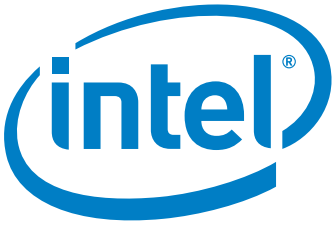
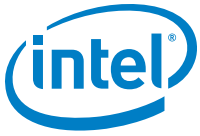


Intel® True Scale Fabric Suite Fabric Viewer

Release Notes

July 2015

Doc. Number: H90076 Revision: 001US



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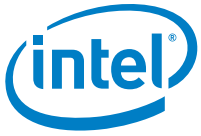

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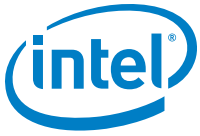

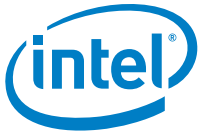

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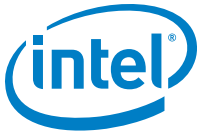


1.0 Overview of the Release

1.1 Introduction

These Release Notes provide a brief overview of the changes introduced into the Intel® True Scale Fabric Suite Fabric Viewer 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, as well as the system issues that were closed in the development of Release 7.4.0.0.2.

1.2 Audience

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

1.3 If You Need Help

If you need assistance while working with Fabric Viewer, contact your Intel® approved reseller or Intel® True Scale Technical Support:

- By E-mail:
  ibsupport@intel.com
- On the Support tab at website:
  http://www.intel.com/truescale

For OEM-specific server platforms supported by this release, contact your OEM.

1.4 New Features and Enhancements

The new features and enhancements added since Release 7.4 and the two previous releases are listed below.

1.4.1 Release 7.4 Features

- Updated browser support. Refer to Section 1.6, "Web Browsers Supported" on page 8.

1.4.2 Release 7.3.1 Features

- Added support for Windows* 8.1
- Updated browser support. Refer to Section 1.6, "Web Browsers Supported" on page 8.

1.5 Operating Environments Supported

The Release 7.4 version of Fabric Viewer supports the Operating Systems listed in Table 1-1.

Table 1-1. Operating Environments Supported

Operating System	Update/ SP	Version
RHEL 6 X86_64 (AMD Opteron and Intel EM64T)	Update 4	2.6.32-358.el6.x86_64
	Update 5	2.6.32-431.el6.x86_64
	Update 6	2.6.32-504.el6.x86_64
RHEL 7 X86_64 (AMD Opteron and Intel EM64T)		3.10.0-123.el7.x86_64
RHEL 7.1 X86_64 (AMD Opteron and Intel EM64T)	Update 1	3.10.0-229.el7.x86_64
SLES 11 X86_64 (AMD Opteron and Intel EM64T)	SP2	3.0.13-0.27-default
	SP3	3.0.76-0.11-default
SLES 12 X86_64 (AMD Opteron and Intel EM64T)		3.12.28-4.6.x86_64
Community Enterprise Operating System (CentOS) X86_64 (AMD Opteron and Intel EM64T) (6.x)	Update 6.4	2.6.32-358.el6.x86_64
	Update 6.5	2.6.32-431.el6.x86_64
	Update 6.6	2.6.32-504.el6.x86_64
Community Enterprise Operating System (CentOS) X86_64 (AMD Opteron and Intel EM64T) (7.0)		3.10.0-123.el7.x86_64
Community Enterprise Operating System (CentOS) X86_64 (AMD Opteron and Intel EM64T) (7.1)	Update 1	3.10.0-229.el7.x86_64
Scientific Linux X86_64 (6.x)	Update 6.4	2.6.32-358.el6.x86_64
	Update 6.5	2.6.32-431.el6.x86_64
	Update 6.6	2.6.32-504.el6.x86_64
Scientific Linux X86_64 (7.0)		3.10.0-123.el7.x86_64
Scientific Linux X86_64 (7.1)	Update 1	3.10.0-229.el7.x86_64
StackIQ Cluster Manager (Rocks+) HPC 3.1	RHEL 6.4	2.6.32-358.el6.x86_64
	CentOS 6.4	2.6.32-358.el6.x86_64
StackIQ Cluster Manager (Rocks+) HPC 3.2.1	RHEL 6.5	2.6.32-431.el6.x86_64
	CentOS 6.5	2.6.32-431.el6.x86_64
Platform HPC-4.1.1.1	RHEL 6.4	2.6.32-358.el6.x86_64
	RHEL 6.5	2.6.32-431.el6.x86_64

CPU model of Linux kernel can be identified by `uname -m` and `/proc/cpuinfo` shown in Table 2.

Table 1-2. CPU Model of Linux Kernel

Model	uname	/proc/cpuinfo
EM64T	x86_64	Intel CPUs
Opteron*	x86_64	AMD CPUs

Note: Other combinations (such as i586 uname) are not currently supported.

1.6 Web Browsers Supported

The following supported web browsers can be used to access the Fabric Viewer applet in this release:

- Windows Internet Explorer* version 9.0 (for Windows 7)
- Windows Internet Explorer version 10.0 (for Windows 8)

- Windows Internet Explorer version 11.0.9 (for Windows 8.1)
- Mozilla Firefox* latest version (for Windows XP and Windows 7)
- Mozilla Firefox version 10 (for RHEL 6.4, 6.5 and SLES11 SP2)
- Mozilla Firefox version 17 (for SLES11 SP3, CentOS* 6.4,6.5 and 6.6, Scientific Linux 6.4, 6.5 and 6.6)
- Mozilla Firefox version 31 (for RHEL 6.6, 7.0, CentOS* 7.0, Scientific Linux 7.0, Windows 7 and 8.1)
- Mozillla Firefox version 31.1.0 (for SLES 12)
- Mozilla Firefox version 31.4.0 (for RHEL 7.1)
- Mozilla Firefox version 37.0.2 (for Windows 8.1)

1.7 Hardware Supported

Table 1-3 list the hardware supported in this release.

Table 1-3. Hardware Supported

HCAs
QLE7340
QLE7342
QME7342
QME7362
MHQH29-*
MHQH19-*
MHQH19B-XTR
MHQH29B-XTR
MHQH29B-XSR
MCX354A-QCAT
MCX353A-QCAT
NC543i (HP SL390 G7 in-built InfiniBand Host Channel Adapter)
CX-3 LOM down QDR
46M2199
46M2203

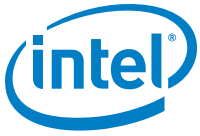
1.8 Installation Requirements

There are not any special or release-specific installation requirements for this release.

1.9 Changes for this Release

The following sections describe the changes that have been made to the Intel® True Scale Fabric Suite Fabric Viewer between versions 7.3.1.0.3 and 7.4.0.0.2.

For detailed information about any of the previous releases listed, refer to the Release Notes from that specific version.



1.9.1 Changes to Hardware Support

Table 1-4 shows the new hardware supported for the releases listed.

Table 1-4. Changes to Hardware Support

Release	Supported Hardware Added
7.4.0.0.2	None
7.3.1.0.3	None
7.3.0.0.5	None

1.9.2 Changes to Software Components

Table 1-5 shows the new software components supported for the releases listed.

Table 1-5. Changes to Software Component Support

Release	Supported Software Added or Changed
7.4.0.0.2	Intel® True Scale Fabric Suite Fabric Viewer Software Intel® True Scale Fabric Suite Fabric Viewer Applet Software
7.3.1.0.3	Intel® True Scale Fabric Suite Fabric Viewer Software Intel® True Scale Fabric Suite Fabric Viewer Applet Software
7.3.0.0.5	Intel® True Scale Fabric Suite Fabric Viewer Software Intel® True Scale Fabric Suite Fabric Viewer Applet Software

1.9.3 Changes to Industry Standards Compliance

None.

1.10 Product Constraints

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

- None

1.11 Product Limitations

There are no product limitations for this release.

1.12 Other Information

There is no "need to know" information for this release.

1.13 Documentation

Table 1 lists the end-user documentation for the current release. All related documentation is available on the Intel® download site.

Documentation for Intel® Partners is available at the vendors website.

Table 1-6. Related Documentation for this Release

Document Title
Intel® Hardware Documents
Intel® True Scale Fabric Switches 12000 Series Hardware Installation Guide
Intel® True Scale Fabric Switches 12000 Series Users Guide
Intel® True Scale Fabric Switches 12000 Series CLI Reference Guide
Intel® True Scale Fabric Adapter Hardware Installation Guide
Intel® OFED+ Documents
Intel® True Scale Fabric Software Installation Guide
Intel® True Scale Fabric OFED+ Host Software User Guide
Intel® *True Scale Fabric OFED+ Host Software Release Notes*
Intel® IFS Documents
Intel® True Scale Fabric Suite FastFabric User Guide
Intel® True Scale Fabric Suite Fabric Manager User Guide
Intel® True Scale Fabric Suite FastFabric Command Line Interface Reference Guide
Intel® True Scale Fabric Suite Software Release Notes
Intel® Fabric Viewer Documents
Intel® *True Scale Fabric Suite Fabric Viewer Online Help*
Intel® True Scale Fabric Suite Fabric Viewer Release Notes

2.0 System Issues for Release 7.4.0.0.2

2.1 Introduction

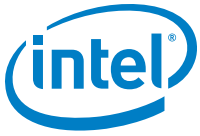
This section provides a list of the resolved Issues in the Intel® True Scale Fabric Suite Fabric Viewer that were verified by this release. It also lists the open Issues with a description and workaround for each.

2.2 Resolved Issues in this Release

Table 2-1 is a list of issues that are resolved in this and the previous two releases.

Table 2-1. Resolved Issues

Product	Release	Description
IFS/ Fabric Viewer	7.2.1.1.31	A Digital Signature error no longer appears when launching the Fabric Viewer applet through the Platform HPC GUI.



2.3 Known Issues

The subsections below describe the known open issues for this release, including a description and workaround.

2.3.1 Open Issues Table

Table 2-2 is the list of open issues for this release.

Table 2-2. Open Issues

Product/ Component	Description	Workaround
IFS/ Fabric Viewer	Cannot edit multiple Intel®True Scale Fabric Suite Fabric Manager configurations from one Edit Virtual Fabric window.	1) Add a subnet in Fabric Viewer for each Fabric Manager whose configuration they need to edit. 2) Connect to each subnet, open the **Edit Virtual Fabric** dialog and make the changes to each Fabric Manager configuration.
IFS/ Fabric Viewer	When a Fabric Manager failover occurs, the Fabric Viewer does not connect to the slave Fabric Manager. A popup message stating "Connection to FE lost" appears and the subnet is disconnected.	Make sure the Intel®True Scale Fabric Suite Fabric Manager is running and reconnect it to the subnet.
IFS/ Fabric Viewer	When the Fabric Viewer is connected to a slave Fabric Manager on the fabric the following error message appears The host being connected to is NOT the master SM in the fabric When the Fabric Viewer is not connected to the master Fabric Manager, changes made by the Fabric Viewer in the slave Fabric Manager will not take affect fabric-wide.	Reconnect the Fabric Viewer to the Master Fabric Manager.
IFS/ Fabric Viewer	With the 7.0 release, when using the Fabric Viewer applet on a client machine, the user can store configuration information, user preferences and event rules information in the user home directory on the client machine that is being used at that time instead of on the Platform HPC node. This information can not shared with other workstations and therefore the user has to add everything again if the are using a different workstation	To use another workstation, copy all of the configuration related files stored in the user home directory from the client machine that was being used, and paste it on the workstation that will be used.
IB Fabric Manager/ Embedded SM	Fabric Viewer does not recognize when an InfiniBand single link becomes a dual link, or when dual link becomes a single link.	Refresh Fabric Viewer to get the current topology information.

Table 2-2. Open Issues (Continued)

Product/ Component	Description	Workaround
IFS/ Fabric Viewer	If Mozilla Firefox is not set as your default browser on Linux machines, the manage chassis option will not work from Fabric Viewer.	Right click the switch that you want to manage and select **View Properties**. The **General** tab will have an IP address for that switch. Copy and paste the address into your web browser.
IFS/Fabric Viewer	Internet Explorer 10 on Windows 8 is unable to launch Fabric Viewer	Steps: 1. Login to PCM 4.1.1.1 2. Launch Fabric Viewer
IFS/Fabric Viewer	Fabric Viewer with JRE 7 update greater 50 will not launch due to tight security changes in Java version starting from update 50.	Use jre 1.7.0 update 45 and below.
IFS/Fabric Viewer	**Manage Chassis** is not able to launch the web browser from fabric Viewer.	Using **Firefox** in the **Configure/User Preferences/Web Command** launches the browser successfully.
IFS/Fabric Viewer	Close ("**X**") option is missing.	Use the applet-supported **Cancel**/**OK**.
IFS/Fabric Viewer	The **Baseboard** tab for a Director class spine/leaf is grayed out in **View Properties**.	Use Chassis Viewer or the switch CLI to display the required information.
IFS/Fabric Viewer	**Manage Chassis** for a Director class spine/leaf is grayed out.	Use Chassis Viewer or the switch CLI to manage the chassis.

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