HP OSS Fault Analytics & Statistics

Version 1.1

Release Notes

Edition: 1.0

For Linux (RHEL 6.5)

October 2015

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Preface

This document presents the release notes related to the HP OSS Fault Analytics & Statistics V1.1 product.

Product Name: HP OSS Fault Analytics & Statistics

Product Version: 1.1.0

Product Kit Name : ossa-fault–1.1.0-MR.noarch.rpm

Please read this document before installing or using this Software.

Intended Audience

This document is intended for Integrators, Administrators and Users of HP OSS Fault Analytics & Statistics.

Software Versions

The term UNIX is used as a generic reference to the operating system, unless otherwise specified.

The software versions referred to in this document are as follows:

Product Version	Supported Operating systems
HP OSS Fault Analytics & Statistics 1.1.0	• Red Hat Enterprise Linux Server release RHEL 6.5
HP OSS Analytics Foundation 1.1.1	• Red Hat Enterprise Linux Server release RHEL 6.5
HP Vertica Version 7.1	• Red Hat Enterprise Linux Server release RHEL 6.5
HP UMB Server Version 1.0	• Red Hat Enterprise Linux Server release RHEL 6.5
HP Unified OSS Console 2.1	• Red Hat Enterprise Linux Server release RHEL 6.5
HP TeMIP 6.2	• Red Hat Enterprise Linux Server release RHEL 6.5

Table 1 - Software versions

Typographical Conventions

Courier Font:

- Source code and examples of file contents.
- Commands that you enter on the screen.
- Pathnames
- Keyboard key names

Italic Text:

- Filenames, programs and parameters.
- The names of other documents referenced in this manual.

Bold Text:

- To introduce new terms and to emphasize important words.

Associated Documents

The following documents contain useful reference information

- HP OSS Analytics Foundation Release Notes
- HP TeMIP Patch readme documents
- Kafka documentation: http://kafka.apache.org/documentation.html

Support

Please visit our HP Software Support Online Web site at https://softwaresupport.hp.com/ for contact information, and details about HP Software products, services, and support.

The Software support area of the Software Web site includes the following:

- Downloadable documentation.
- Troubleshooting information.
- Patches and updates.
- Problem reporting.
- Training information.
- Support program information.

Product overview

1.1   HP OSS Fault Analytics & Statistics

HP OSS Fault Analytics and Statistics (FAS) is a software product that enables telecommunications service providers with the capabilities to collect and persist fault information from fault and surveillance systems, transform the data as needed and deliver actionable insight to operations staff to operate and manage their network. The actionable insight is inferred using a host of statistical and analytical techniques.

HP OSS FAS is positioned as an independent product, working with fault information consolidated in HP TeMIP, as well as any other surveillance system from an independent software vendor.

HP OSS FAS is based on HP OSS Analytics Foundation, complemented by a mediation layer allowing for collection of fault information in real time.

A brief summary of the key features follows
- Transformation of vast amounts of alarm data received from HP TeMIP into meaningful information,
- Use of the HP Vertica database, optimized for data warehousing, data analytics and data reporting,
- Optional activation of default summarizations batch jobs in order to populate new tables containing information data about alarms (aggregation based on different time granularities and different dimensions),
- Optional default FAS reports (built with Unified OSS Console) based on those summarized tables

Installation, Configuration and Administration

See the HP OSS Fault Analytics & Statistics Installation, Configuration and Administration Guide.

Known problems

This section lists problems discovered during the product test campaign. These problems have not been fixed yet.

CR	Component	Description	Solution/suggested workaround or comment

CR#13608 Medium	UMB	Auto-starting kafka service on boot: the command `chkconfig --add kafka` does not work	After the installation of the kafka package, edit the file (as root) `/etc/rc.d/init.d/kafka` Replace the following lines at the top of the file:
			`# Kafka`
			`#`
			`# description: kafka`
			by
			`# Kafka`
			`#`
			`# chkconfig: 2345 89 9`
			`# description: kafka`

CR#1016 Medium	FAS	No script for datamart tables purge operations	Scripts will be delivered in a next patch

Table 2 – List of enhancements

Limitations

This section lists limitations discovered during the product development and that might be fixed in future versions.

Component	Description	Solution/Suggested workaround
AHFM	Resynchronization to Kafka is not supported	None

Table 4 – Limitations