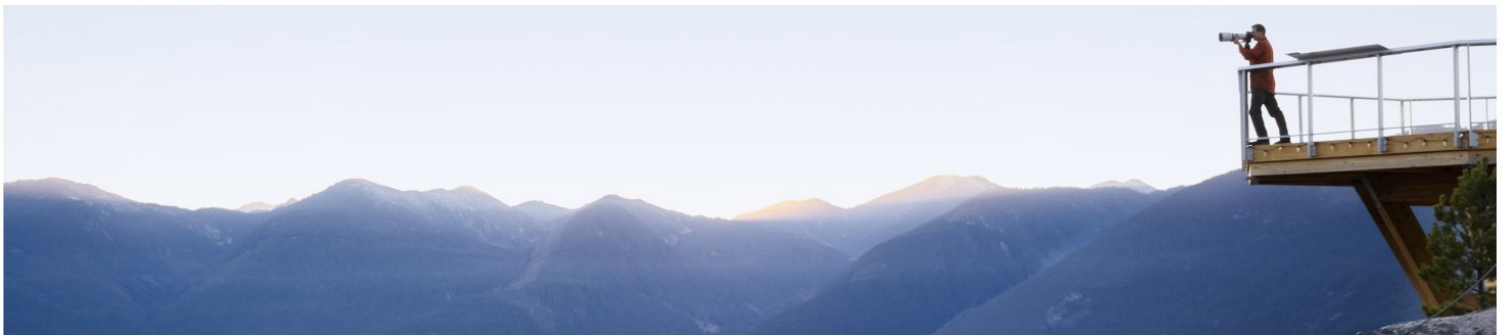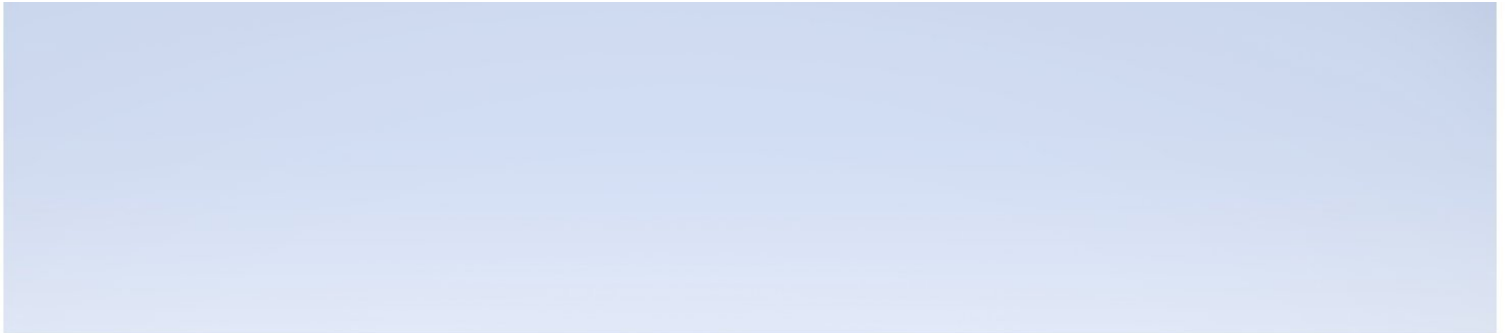# Hewlett Packard Enterprise

Diagnostics
Version 9.30, Released December 2016

Release Notes
Published December 2016

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The title page of this document contains the following identifying information:
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Contents

Installation Notes

Diagnostics Server, Agent and Collector installation requirements and detailed instructions are provided in the Diagnostics Server Installation and Administration Guide, Collector Guide, and Agent Guides.

Diagnostics Components Compatibility

The Diagnostics components in your deployment have the following requirements:

- All Diagnostics Servers in the deployment must be at the same version.
- The Diagnostics Server must be at a version higher than or equal to the highest version of connected agents or collectors.

To obtain the maximum monitoring coverage and functionality from HPE Diagnostics, follow these recommendations:

- Have all agents, collectors and servers in your deployment use the same version.
- Use the most current version of each component.

  Check the HPE Software Download Center (https://softwaresupport.hpe.com/) for any updates and patches to the Diagnostics components. This web site requires an HPE Passport login. Locate the Diagnostics information and choose the appropriate link for downloading the Diagnostics software.

The 9.30 Diagnostics Server continues to support working with the following earlier agent and collector versions, however monitoring coverage and functionality is limited to what the agent/collector at that version provides:

- Java Agent 9.1x, 9.2x
- .NET Agent 9.1x, 9.2x
- Collectors 9.1x, 9.2x

For information about Diagnostic Server compatibility with APM/BSM, see the APM System Requirements and Support Matrices guide.

What's New in 9.30

Automatic Assignment of probes in mediator expiration and overload scenarios

The existing probe auto assignment feature has been enhanced to add the capability for a probe to be reassigned to a different mediator in case the previously assigned mediator is down or heavily loaded.

Server request URL trimming capability has been added on the server

With an eye towards the growing pains of symbol table expansion, the URL trimming feature is now available on the server as well. This has the added advantage of a single point of configuration which can affect multiple probes at the same time.

Server Request Classification by Top Level SRs

Additional classification of all Server Requests by the first server request seen by Diagnostics in the call chain, leading to a given Server Request.

Disable reporting of Original URI in call profiles

This release has a new capability to disable reporting of the Original URI in call profiles. Security breach in production environment can be avoided by disabling URIs with sensitive information.

Collector enhancements

Diagnostics Collector now supports VMWare ESX 6i.

Enhanced MQ metric collection such as Queue status, channel status, and oldest message age metrics are now collected from IBM WebSphere Message Queue (MQ).

New Installer for Diagnostics Server and Diagnostics Collector

The new installer uses the standard OVII framework. It is available in both Windows and Linux. Silent mode installation is also supported.

Mandates

Diagnostics has been rebranded to reflect the Hewlett Packard Enterprise look and feel.

Diagnostics is now compliant with the technical mandate related to OpenJDK that requires the JRE shipped with the product is OpenJDK.

Platforms

For a complete list of platforms currently supported by Diagnostics refer to "Diagnostics System Requirements and Support Matrixes" (https://softwaresupport.hpe.com/km/KM02645824).

System Requirements

The Diagnostics System Requirements and Support Matrixes Guide contains information about system requirements for all Diagnostics components. This guide is available as a PDF on the HP Software Support site. Access requires an HP Passport login (register for an HP Passport).

Notes and Limitations

OMi Integration

There is a known issue with OMi integration, For details see the APM - Diagnostics Integration Guide (https://softwaresupport.hpe.com/km/KM02645822).

Translated Versions

Diagnostics has been translated into a number of languages. When using Diagnostics, occasionally text that should be translated will be shown in English. This is due to limitations in third party components that are used by Diagnostics. We apologize for any inconvenience that this may cause.

Fixed Issues

"Belongsto" created Application Groups settings are reset automatically (QCCR1I107094)

Symptom:

Application group settings should be retained.

Resolution:

Added a new property in *etc/server.properties* to configure *Add connected* probes to application using *probe.topology.discovery=true|false*.

By default both the Discovery Policies will be enabled.

Enhancement: "Unlicensed Diagnostics Server" message to be removed from mediators UI (QCCR1I112506)

Symptom:

When accessing the UI from the Mediator, "Unlicensed Diagnostics Server" message appears. There is no problem with the licenses.

When accessing the UI from the Commander, no error message appears.

Resolution:

Mediator UI does not pop up unlicensed diagnostics server error message. A code change has been made to check if the server is mediator or a commander and then throw the error pop-up.

WebSphere Application Server Logs RoleBasedAuth errors with Java probe (QCCR1I112147)

Symptom:

WebSphere Application Server Logs RoleBasedAuth errors with Java probe

Resolution:

Changed agent code to avoid the issue.

Localization and Globalization

Localization is the process by which software applications are adapted to suit a specific local market or *locale*. Globalization is the process of designing products or services for the global marketplace so that they can be sold anywhere in the world with only minor revision.

HPE supplies Diagnostics localized software in these languages:

- English
- Simplified Chinese
- Korean
- Japanese
- French
- German
- Spanish
- Russian

HPE supplies Diagnostics localized documentation in these languages:

- Japanese
- Simplified Chinese

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Feedback on Release Notes (Diagnostics 9.30)

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