Hewlett Packard Enterprise

Release Notes

HPE Operations Bridge Analytics

Software Version: 3.00

Document Release Date: January 2017

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Contents

What's New in Operations Bridge Analytics 3.00

Find out what's new in Operations Bridge Analytics (OBA) 3.00 (formerly Operations Analytics).

Anomaly Detection

Anomalies are major changes in the amount or value of collected data. Operations Bridge Analytics 3.00 automatically searches for, detects, and displays anomalies without prior manual configuration. With this new version it is also possible to configure OBA to send events to Operations Manager i (OMi) when an anomaly is detected.

Anomaly Investigation

Once an anomaly has been detected, users can drill down to view the details of the anomaly lifecycle, and use log and event analytics, along with interactive text search, to efficiently find data and information about the problem.

Smart Search

The new advanced search options dramatically improve your ability to find data in logs, simplifying and speeding up root cause identification. You can now perform advanced search across all log and event messages, and the most significant results are displayed automatically in a unified overview. Easy-to-use search operators and dynamic statistics now make searching in OBA more powerful and intuitive.

Host Name and Host IP reconciliation

Log files and metrics from different sources often use different forms of hostnames and IP addresses. OBA 3.0 now automatically discovers and tracks all relevant data related to referenced hosts, across all known names, aliases and IPs. This improves the accuracy of search, troubleshooting analysis, and automated anomaly detection.

System Requirements and Sizing Guide

For information about the installation requirements and compatibility with other products, see the *HPE Operations Bridge Analytics System Requirements and Sizing Guide*. Since the *HPE Operations Bridge Analytics System Requirements and Sizing Guide* might be updated between releases, you can access the most up-to-date information from the HPE Support web site:

HPE Operations Bridge Analytics System Requirements and Sizing Guide

Installation Instructions

The following guide provides installation and configuration instructions:

HPE Operations Bridge Analytics Installation Guide

Licensing

HPE Operations Bridge Analytics is licensed through HPE Operations Bridge Ultimate Edition. Licenses are sold in bundles of 50 Operations Bridge Suite Ultimate Edition node packs. This license entitles the owner to the full feature set of HPE Operations Bridge Analytics.

Operations Bridge Analytics comes with an implicit node pack (Instant On) license that is valid for 60 days.

Content Packs Available with Operations Bridge Analytics

You can combine additional information with the data collected by Operations Bridge Analytics by using the content packs shown in the following location: Operations Bridge Analytics Content Packs.

It is recommended that you regularly check the above link for new content packs, as new ones are frequently released.

Notes and Limitations

This section could include examples that show script usage, command line usage, command line syntax, and file editing. If you copy and paste any examples from this section, carefully review the results of your paste before running a command or saving a file.

The function "Export CSV" does not work (QCCR1P10329)

Description: The "Export CSV" button doesn't work in Mozilla Firefox and Internet Explorer. If you click this button, the excel file (.csv) is not downloaded.

Workaround: Use Google Chrome.

Wrong link to release notes in "What's New" of the OBA Online Help (QCCR1P10372)

Description: The "What's New" bubble on the landing page of the OBA online help links to the OBA 2.31 release notes, not the OBA 3.0 release notes.

Workaround: Use the following link to access the OBA 3.0 release notes:

https://softwaresupport.hpe.com/km/KM02673653

OBA 3.0 Online Help contains a hyperlink for Vertica 7.1.x. It should be updated with the version that is shipped with 3.0 (QCCR1P10326)

Description: The online help contains a hyperlink for the older version of Vertica Installation Guide. However, the *Operations Bridge Analytics Installation Guide* contains the hyperlink for the currently supported version.

Workaround: Use this link for information about the Vertica installation: Vertica 8.0.x Installation Guide.

ArcSight Verison (QCCR1P10360)

Description: In the Requirement and Sizing Guide, ArcSight is mentioned, but no version information is given.

Workaround: The following ArcSight versions are supported: 5.x, 6.0, 6.1 and 6.2.

Log Search - Error occurs or no result is shown when manually searching text with special characters (QCCR1P9114)

Description: The Log Search fails when manually searching text with special characters (for example, <, >, *, |).

Workaround: Enclose the text in double quotes if the text includes special characters. For example:
`Text: ":( <MSG)"`

Log Search UI – Relaxed Dates in XQL (QCCR1P10282)

Description: The list of relaxed dates in Operations Bridge Analytics online help is not up-to-date.

Workaround: The supported relaxed dates are: "Fri, 21 Nov 2016", "Jan 21, '16".

Root mail folder filling up due to watchhpcs.pl crashing hourly (QCCR1P7636)

Description: The `watchhpcs.pl` process crashes and the root mail folder is getting filled up with a new entry added every hour.

Workaround: On the Operations Bridge Analytics server and collector systems, do the following:

1. As a root user, call `crontab -e`
2. Add a '#' at the beginning of the line – `0 * * * * perl opt/perf/bin/watchhpcs.pl` and save the file.

Operations Bridge Analytics jboss process does not start

Description: In rare cases, the Operations Bridge Analytics jboss fails to start. In such cases, `opsa-server status` is "stopped", and the `opsa-server.log` contains the following message:

```
ERROR [Controller Boot Thread] security:427 - PBOX000368: Security Vault
contains both covnerted (VAULT.dat) and pre-conversion data (ENC.dat). Try
to delete /opt/HP/opsa/jboss/vault/ENC.dat file and start over again.
```

Workaround: Delete the file `/opt/HP/opsa/jboss/vault/ENC.dat` and run the `opsa-server start` process.

Dashboards containing percentile only show percentile and the metric on which the Percentile ID is calculated

Description: When using percentile calculation in AQL which includes few metrics, only the percentile metric and the metric on which the percentile is calculated are displayed in the pane. The other metrics are missing.

Workaround: It is not possible to include the other data in the same pane. Use an additional pane for other data.

Performance issues with Microsoft Internet Explorer and Microsoft Edge

Description: In rare cases, the Operations Bridge Analytics User Interface has performance issues with Microsoft Internet Explorer and Microsoft Edge.

Workaround: Use Google Chrome or Mozilla Firefox.

Vertica installer fails to verify CentOS 7.x (QCCR1P10340)

Description: The Vertica installation displays the following error message when trying to verify the operating system:

```
ERROR - [Failed]: ERROR: This version of OS is not supported.
```

Workaround: Disable the verification of the operating system.

Caution: Before doing this, make sure that the operating system is really supported by Vertica.

1. Run the installer until the error message about the unsupported OS is displayed.

2. In `/tmp/opsa-vertica/OS_validation.sh`, insert `exit 0` as the first line

3. In the installer, go one step back and retry the verification.