



Operations Bridge Analytics

Software Version: 3.03

Release Notes

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Hewlett Packard
Enterprise

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This document is an overview of the changes made to OBA 3.03.

You can find information about the following in this document:

- ["What's new in OBA 3.03" on page 5](#)
- ["Known issues, limitations, and workarounds" on page 10](#)

System Requirements and Sizing

For information about the system requirements, download the [Support Matrices for Operations Center products](#). Open SUMA.htm and select Operations Bridge Analytics.

For information about sizing, see the *OBA Installation Guide*.

Installation Instructions

For information on installing OBA, see the *OBA Installation Guide* on Software Support Online.

Note: Starting with OBA 3.00, the Kafka cluster behavior changed. If your cluster consists of more than one collector, the replication factor is set to two by default. This means that the cluster can handle the loss of one collector. However, the cluster cannot operate anymore if, for example, more than one of your collectors are down due to maintenance. If, in that case, the collectors cannot be recovered, you must take disaster recovery actions. For more information, see the *OBA User Guide* or *Online Help*.

Licensing

Operations Bridge Analytics is licensed through the 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 Operations Bridge Analytics.

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

Content Packs

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 link for new content packs, as new ones are frequently released.

What's new in OBA 3.03

The OBA 3.03 release focuses on quality, scalability, and performance. For a list of list of defect fixes and enhancements, see "[Fixed defects](#)" on page 6.

In addition to the defect fixes and enhancements, a new Service Pack is available for OBA 3.03:

https://softwaresupport.softwaregrp.com/group/softwaresupport/search-result/-/facetsearch/document/LID/OPSA_00012

Fixed defects

OBA3.03 includes the following fixed issues.

The reference number for each fixed defect is the Change Request (QCCR) number. For more information about fixed defects, visit [Software Support Online](#), or contact your support representative directly.

| ID | Component | Summary |
|-------------|-----------------|---|
| QCCR8D98839 | Alerts | Creating an alert in "Host System Metric Over Time" too quickly led to an incorrect page in the Alert wizard. |
| QCCR8D99127 | Anomalies | It was not possible to filter the anomalies pane in OBA by topology or by host name. |
| QCCR8D94668 | ArcSight Logger | The ArcSight Logger data collection begins working intermittently with >1000 EPS. The OBA Health Overview dashboard row counts for all collections are only intermittently showing ingestion. |
| QCCR8D97717 | ArcSight Logger | Because two of the ArcSight fields were mapped to the wrong type in the database, excessive errors were logged from the collector in opsa-data-ingestion-lane-topology.log. |
| QCCR8D98027 | Content Pack | The UCMDB Content Pack version was displayed as 9.05 instead of 3.0x. |
| QCCR8D94914 | Content Pack | The OMi Content Pack had different versions for OBA 3.01. |
| QCCR8D97390 | Dashboards | Dashboards containing AQLs that are filtered by a service topology query sometimes timed out with the message that data could not be retrieved. |
| QCCR8D97270 | Dashboards | The user interface displayed "Loading Data..." for a long time when drawing dashboards. |
| QCCR8D94910 | Dashboards | Sometimes, rearranged panes in a dashboard were not being saved. |
| QCCR8D98241 | Dashboards | It was not possible to create a dashboard a large number of panes. The column size has now been increased to 200,000 characters. |
| QCCR8D97348 | Dashboards | Links added in table output were not clickable although they were accessible in other forms such as line graphs, bubbles, and so on. |

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| QCCR8D98770 | Dashboards | It was not possible to set the 5 minutes interval for a one day period report. |
| QCCR8D62835 | Dashboards | The metric pane left-truncated Y-axis labels when the values were greater than 1,000,000. |
| QCCR8D98321 | Documentation | It was not documented that how to generate a certificate request for a signed CA certificate with Subject Alternative name. |
| QCCR8D96949 | Documentation | The link to the help in the Flex Configuration and the Splunk Source Type Mapping UIs did not work. |
| QCCR8D97847 | Documentation | The OBA 3.03 User Guide had the short product name (OBA) on the title page, instead of the long product name (Operations Bridge Analytics). |
| QCCR8D94797 | Documentation | The location of the installer log file was missing from the documentation. |
| QCCR8D95005 | Hardening | Because the CA root certificate was only configured for the Server Authentication in the Extended Key Usage field, the OMi Event Collection did not work properly when using CA signed certificates. |
| QCCR8D97223 | Health Overview | The cluster count in the Health Overview showed a number of clusters that did not correspond with the number of clusters in the database. |
| QCCR8D95454 | Installation | During the post installation, the "ulimit" was inserted or updated in the /etc/profile. |
| QCCR8D97937 | Integrations | When OBA is configured to use LW-SSO with other products like OMi, the RTSM synchronization for CIs into OBA was not working. |
| QCCR8D97009 | Integrations | When OBA is integrated with OMi and the OBA interface is configured to be displayed in a subcomponent in the OMi workspaces, the OBA login page opened in the same browser tab instead of being confined to the workspace component. This happened when the single sign-on attempt failed; now, an error message is instead displayed in OMi if this happens. |
| QCCR8D96978 | Integrations | When integrating OBA with OMi, OMi events did not become part of message groups after a cluster bloat was detected. Due to this, it was not possible to see new events. |
| QCCR8D64655 | Integrations | Activating TCP Forwarding within the OBA Logger configuration caused the integration to not collect data and stop the collections. |
| QCCR8D98831 | Integrations | The drilldown URL from OMi to OBA (with HTTPS being |

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| | | configured) used the port 8080 instead of 8443. |
| QCCR8D97021 | Integrations | The OBA SiteScope collection routinely logged repeated WARN "does not exist" messages although there was no problem. |
| QCCR8D96437 | LDAP | The opsa-server.log contained the misleading exception "LDAPHelper:324 - Do nothing : LDAP Group Mapping not existing java.lang.SecurityException". This was not a security problem, but rather an indication that there was no group mapping for the currently checked LDAP group. |
| QCCR8D98085 | Line Chart | Changing the duration or time sliders in a line graph with multiple metrics when the Group_by: Metrics radio button is selected corrupted the graph legend. |
| QCCR8D94787 | Localization | OBA displayed inconsistent date formats in the UI. |
| QCCR8D96972 | Log Search | After clicking on the Significant Messages link, there was an excessive delay until the Log Message table was displayed. |
| QCCR8D97462 | Log Search | After running queries that take a long time (10 minutes or more), it was required to clear the browser cache to avoid having the Log Search view load for a long time. |
| QCCR8D94939 | Log Search | If you select to copy the Log Search result to a pane in a new dashboard, the UI remained on the Search screen and did not automatically switch to the new dashboard. |
| QCCR8D64583 | Log Search | Even though some messages were collected and stored in the database, they were not shown in the Log Search UI. This happened if a message could not be processed and did not have a cluster ID. |
| QCCR8D94448 | Login | In Internet Explorer, the login screen was not correctly displayed. |
| QCCR8D98969 | Login | Providing a wrong user/password combination caused a syntax error in the browser's console. |
| QCCR8D99206 | Metric Collection | When a time series (metric collection) contains a lot of identical values, opsa-task-manager took a long time to calculate baselines. |
| QCCR8D96279 | Post-Installation | The output of the "opsa-xxxxx-postinstall.sh" scripts contained incorrect spacing and new lines. |
| QCCR8D59836 | Prediction | Unchecked metrics appeared as checked when clicking on prediction and changing the prediction time. |
| QCCR8D97715 | Queries | XQL and PQL operators were incorrectly inserted into query strings and "garbage" strings were being passed to the backend parser, causing multiple different errors. |

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| QCCR8D63024 | Reboot | After rebooting, the log file opsa-collector-service.log displayed multiple errors. This was due to a third-party component. |
| QCCR8D95801 | Source Type Mapping | In the wizard for Splunk Source Type Mapping, the dialog for regular expressions (regex) became invalid after entering an invalid regex and clicking OK. |
| QCCR8D97693 | Source Type Mapping | When create a Splunk Source Type Mapping, the button was labeled with "BUTTON_OK" . |
| QCCR8D97685 | Topology Manager | When adding or editing a service in the Topology Manager, the Chrome browser crashed. |
| QCCR8D96973 | Text Search | When clicking on a bubble from any LA pane, the text search message list either did not contain the specific message or it was not visible as the message was not sorted at the top. |
| QCCR8D94788 | Text Search | The search text field selector lost values after a " field" query was executed. |
| QCCR8D97353 | XQL Search | In an XQL search, the wildcard host filters did not work correctly. Both text: * hostname="abc*" and text: * where hostname=abc* returned logs for hosts beginning with abc, but also hosts not beginning with abc. |
| QCCR8D97861 | Zookeeper | OBA crashed with an "internal server error" due to a zookeeper disconnection. This was caused by out of memory issues due to large scale database queries that were executed without boundaries. |

Known issues, limitations, and workarounds

Problems and limitations are identified with a change request (QCCR) number. For more information about known problems, visit <http://softwaresupport.softwaregrp.com>, or contact your Support representative directly.

Title: Log search for terms containing minor separators don't not work (QCCR8D64562)

Description: Searching with special characters does not work. For example, a query for #344 does not match rows like #344: .

Workaround: Only search using numbers and characters, not special characters.

Title: OBA UI requests XQL suggestions (QCCR8D94989)

Description: The OBA UI requests suggestions for XQL even if you are not in the log search UI. This request generates unnecessary load on the Vertica database.

Title: After installation there are no metrics displayed in the "Health Overview" dashboard (QCCR8D96577)

Description: After the installation of OBA 3.03, no metrics are displayed in the "Health Overview" dashboard.

Workaround: Restart the OBA collector after installing OBA 3.03.

Title: After installation there are no indices on column: opsa_default.opsa_collection_message.message (QCCR8D96576)

Description: After the installation of OBA 3.03, the text search does not work.

Workaround: Restart the OBA application server after installing OBA 3.03.

Title: OPSA flume.conf wipes its previous configuration state on adding new collection (QCCR8D94638)

Description: In an environment with multiple OBA application servers, the servers overwrite each other's collector configurations.

Workaround: Configure the collections with only one server.

Title: The events in Splunk are only partly imported into OBA (QCCR8D99344)

Description: The events in Splunk cannot be completely imported into OBA. Each message imported into OBA only contains part of the content.

Workaround: This is due to the default regular expression OBA uses to parse the Splunk data. You can modify the regular expression in the Splunk Source Type Mapping UI so that it fits the data coming in from Splunk.

Documentation errata

Title: The topic "SSL for communication between Vertica and OBA" is missing

Description: In the embedded OBA help, the topic "SSL for communication between Vertica and OBA" is missing.

Workaround: See the OBA Help Center on the Software Information Portal:

<https://docs.software.hp.com/OBA>

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