



# Operations Bridge Suite

Software Version: 2017.04

## Release Notes

Document Release Date: April 2017

Software Release Date: April 2017



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# Contents

Release Notes .....	4
What's new .....	5
CRs and limitations .....	7
Send documentation feedback .....	9

# Release Notes

This document provides an overview of the changes made to the Operations Bridge Suite 2017.04.

You can find information about the following in this document:

- ["What's new" on page 5](#)
- ["CRs and limitations" on page 7](#)

## Support Matrix

For information about supported environments and compatibility with other products, see the Operations Bridge Suite Support Matrix. The support matrix may be updated between releases, and is only available at the HPE Support web site:

1. Download the [Support Matrices for Operations Center products](#)
2. Open SUMA.htm and select **Operations Bridge Suite (container deployment)** from the product list

## Installation

For information about the prerequisites and installation process of the Operations Bridge Suite container deployment, see the *Operations Bridge Suite 2017.04 Installation Guide*.

The installation files are available from the [OMi download area](#) on SSO.

# What's new

The container-based deployment of the Operations Bridge Suite introduces the following new features in the 2017.04 release.

**Quick and easy container-based deployment.** You can now deploy the Operations Bridge Suite (editions Express and Premium) in container-based mode. This mode leverages the Docker and Kubernetes technologies. The Operations Bridge Suite components are now delivered as containerized applications, available for download as Docker images from the Docker hub. These applications work as integrated modules to provide seamless deployment and user experience.

You can install, monitor, and maintain the suite from the ITOM Platform user interface.

For information about the containerized installation, see the *Operations Bridge Suite 2017.04 Installation Guide* or the online help.

**Centralized suite-level LW-SSO and LDAP configuration.** With the Lightweight Single Sign-On (LW-SSO) authentication strategy for the Operations Bridge Suite, users are authenticated to all installed capabilities with the same credentials. Additionally, instead of storing user information within the Operations Bridge Suite, you can use an external LDAP server to store user information.

**Easy scaling.** The containerized setup allows for easy horizontal scaling of Business Value Dashboard (BVD). You can improve your system scalability and reliability by managing your resources as required. For example, by increasing a deployment's number of pod replicas, the deployment's load is automatically distributed across all pods. You can scale single, as well as multiple nodes.

For information about LW-SSO, LDAP, and scaling see the *Operations Bridge Suite 2017.04 Administration Guide* or the online help.

**Tip:** The installation and administration information, as well as additional topics can be found in the [Operations Bridge Suite 2017.04 Online Help](#).

**Log streaming using Operations Agent.** Operations Bridge Suite offers you a unified, robust mechanism to collect, process, and stream application logs in your IT environment. You no longer need to use a third-party system to collect and stream logs. You can use the streamed logs to predict trends and pinpoint issues in your IT environment. For more information, see the *OMi Administration Guide* or the *OBA Online Help*.

**Business Value Dashboard data field variables in URLs.** You can now use the data fields of your received data as variables in a URL. By specifying any of the data field names as variables, the associated values of the data fields are displayed when the dashboard is viewed. When the value

associated with the variable changes, the URL changes accordingly. You can combine these variables with the variables from dashboard templates.

For details on data field variables, see **Knowledge Base > Widget Properties > Hyperlink > Data fields as variables** in the *BVD 10.61 Administration Guide*.

**Business Value Dashboard new donut/pie/gauge widgets.** New donut/pie and gauge widgets are available in BVD 10.61, as part of the BVD Visio stencil file. With these new donut/pie and gauge widgets, all graphical attributes like the start angle, donut size, and hole size can be edited directly in Visio. Additionally, you can right-click a chart to show or hide labels.

For details on the new widgets, see **Knowledge Base > Widgets > Donut/Pie Widgets** or **Knowledge Base > Widgets > Gauge Widgets** in the *BVD 10.61 Administration Guide* or *BVD 10.61 Online Help*.

**Tip:** Additionally, review the following release notes to find out more about capability-specific updates and new features:

- [OMi 10.61 Release Notes](#) (including PE)
- [OBR 10.20 Release Notes](#)

# CRs and limitations

Problems and limitations are identified with a change request (QCCR) number. For more information about known problems, visit [softwaresupport.hpe.com](https://softwaresupport.hpe.com), or contact your HPE Support representative directly.

## Limitations

- When clicking the “Back” button during the Suite installation, the parameter values entered for the capabilities are lost.
- The suite reconfiguration has not been implemented yet.
- During the Suite installation, in-line validation of the entered values is not yet available – values are validated once the user clicks “Next”.
- The users are not yet forced to change their password after the first login.
- When installing both OMi and BVD, the same administrator password must be used for the single sign-on to work.
- No dependency between the management packs has been implemented yet.

## Open CRs and workarounds

**Title:** Reboot does not work. Pods are in status `CrashLoopBackOff`. (QCCR8B27564)

**Description:** This is related to the vault-renewal container, which does not get a valid token. You have to delete the failed pods. Once the pods are deleted, they are recreated automatically and should run without error.

**Workaround:** You can get the status of all pods with the following command:

```
kubectl get pods --all-namespaces
```

First delete all failed database related pods (`suite-db`, `idm-postgresql`, `postgresql-aplm`). Next, delete all failed pods within the namespace `core`. After that delete all failed pods within the namespace `opsbridge`, starting with `postgres`, `ucmdb`, `omi`, `redis`, `bvd`, `obr-server`, `obr-rc`).

Use the following command to delete the failed pods within the namespaces specified above:

```
kubectl delete pod <pod_name> --namespace <pod_namespace>
```

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**Title:** Kafka topics not getting created as Kafka pod keeps restarting after PE Containers deployment. (QCCR1A190723)

**Description:** This issue occurs when PE Kafka and PE admintools pods are already up and running and PE Zookeeper takes a longer time to come up.

**Workaround:** Execute the following commands on the master node:

1. Get the namespace under which the Performance Engine containers are configured and running:

```
dep_namespace=$(kubectl get pods -l app=hpe-opsb-pe-admintools-pod --all-namespaces | tail -n 1 | awk '{print $1}')
```

2. Get the pod admintools pod name:

```
admintool_pod=$(kubectl get pods -l app=hpe-opsb-pe-admintools-pod --all-namespaces | tail -n 1 | awk '{print $2}')
```

3. Reconfigure the password for redis:

```
kubectl exec -it $admintool_pod --namespace=$dep_namespace -- bash admintools -c
```

4. Reconfigure the password for Vertica as well:

```
kubectl exec -it $admintool_pod --namespace=$dep_namespace -- bash admintools -cdb
```

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