## Operations Bridge Suite

Software Version: 2016.09

# Documentation Library, Support and Integration Matrix

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Software Release Date: September 2016

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

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

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- Download software patches
- Manage support contracts

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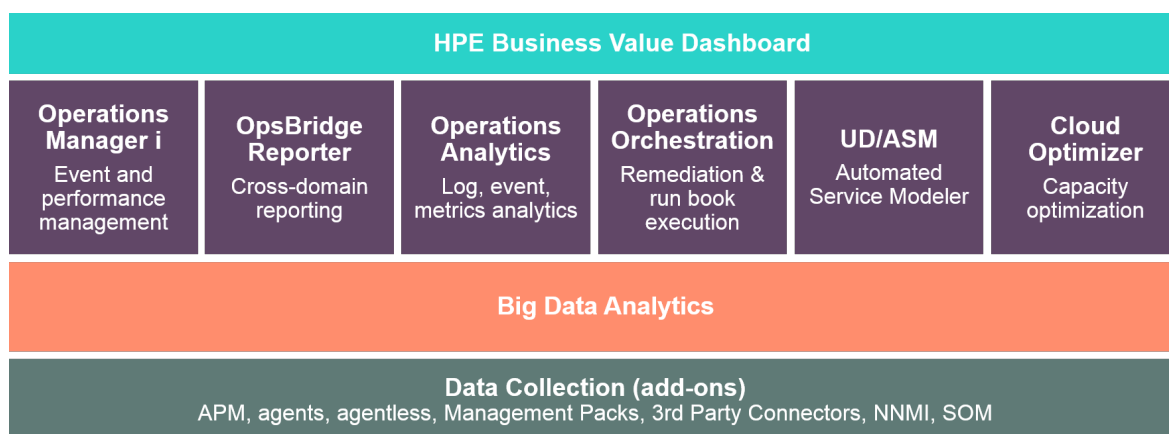
# Contents

# Introduction to the Operations Bridge Suite Documentation Library

HPE Operations Bridge Suite enables you to sense your environment through automated discovery and monitoring. The activities in your environment can be analyzed to predict and solve critical problems and increase performance.

The following graphic shows how the single products included in the Operations Bridge Suite work together to deliver the capabilities you need to view your operations through a business lens:

| HPE Business Value Dashboard | | | | | |
|---|---|---|---|---|---|
| **Operations Manager i** Event and performance management | **OpsBridge Reporter** Cross-domain reporting | **Operations Analytics** Log, event, metrics analytics | **Operations Orchestration** Remediation & run book execution | **UD/ASM** Automated Service Modeler | **Cloud Optimizer** Capacity optimization |
| **Big Data Analytics** | | | | | |
| **Data Collection (add-ons)** APM, agents, agentless, Management Packs, 3rd Party Connectors, NNMI, SOM | | | | | |

The Operations Bridge Suite Documentation Library provides links to download documents of products that constitute Operations Bridge Suite 2016.09. All these documents are available on the HPE Software Support Portal.

Further integration information such as available integrations and supported versions can be found in the HPE Integrations Catalog.

# Support Matrices

## Supported Web Browsers

The following support matrices provide an overview for the Operations Bridge Suite. Individual products may support additional web browsers, platforms and databases. For details, see individual product support matrices.

| Browser | Supported versions |
|---|---|
| Internet Explorer | 10 |
|  | 11 |
| Mozilla Firefox | 38 ESR |
|  | 45 ESR[a] |

[a]Not supported for OBR 10.01 and SiteScope 11.32

**Adobe Flash**

| Operating System | Version |
|---|---|
| Microsoft Windows | 14 or higher |
| MacOS | 14 or higher |
| Linux | 11.2 or higher |

**Java Runtime Environment**

| Supported version |
|---|
| 1.8.0_x where x >= 051 |

## Supported Platforms

| Operating system | Version |
|---|---|
| Microsoft Windows Server [a] | 2008 R2[b,c] |
|  | 2012[d] |

| | 2012 R2[d] |
|---|---|
| Red Hat Enterprise Linux | 6.5 or later |
| | 7 |

[a]Not supported for PE 10.11, CO 3.01, and OpsA 2.31
[b]Not supported for OBR 10.01
[c]SP1 is required for SiteScope
[d]Only Standard Edition is supported for SiteScope

## Supported Databases

| Database | Version |
|---|---|
| Oracle | 12c, 12c RAC |
| | 11g R2, 11g R2 RAC |
| Microsoft SQL Server[a] | 2008 R2 SP1 or later |
| | 2012 SP1 or later |
| | 2014 |
| PostgreSQL | Remote: 9.3 |
| | Embedded: 9.3 |
| Vertica[b] | 7.1.1 |

[a]SQL Server Always On with OMi 10.12
[b]OMi Performance Engine, OBR 10.01, CO 3.01 and OpsA

## Operations Manager i

Operations Manager i acts as a single pane of glass, allowing you to be in control of your IT environment. It enables you to automate continuous discovery and IT event monitoring so you can sense the state of IT resources and how it impacts your business. You can assess and evaluate services that are impacted by an incident in your IT environment. OMi integrates more than a hundred third party technologies and tools with its Operations Connector. You can view operations through a business lense with the executive visualization provided by Business Value Dashboard. Performance Dashboard lets you visualize performance to predict issues and the Performance Engine provides a persistent data store.

# Operations Manager i documents

Version information of Operations Manager i integrations can be found in the HPE Software Integrations Catalog:

Integration [299] - OBR integration with Operations Manager i

Integration [365] - Event to remediation (OMi - OO)

Integration [811] - CI to remediation (OMi - OO)

 Integration [704] - Operations Analytics - Operations Manager i integration

Integration [892] - Operations Analytics - OMi topology integration

| Document | 10.12 |
|---|---|
| Support Matrix | go |
| Read Me First | go |
| Release Notes | go |
| Administration Guide | go |
| Business Value Dashboard Installation and Administration Guide | go |
| Business Value Dashboard Online Help | go |
| Complete Documentation Set | go |
| Concepts Guide | go |
| Data Flow Management Guide | go |
| Data Flow Probe Installation Guide | go |
| Database Guide | go |
| Extensibility Guide | go |
| FIPS Configuration Guide | go |
| Frequently Asked Questions | go |
| Installation and Upgrade Guide | go |
| Integrations Guide | go |
| Modeling Guide | go |
| Managing thousands of nodes using OMi Monitoring Automation. See Complete Documentation Set. | go |

| Document | 10.12 |
|---|---|
| Online Help | go |
| Open Source and Third-Party Licenses | go |
| Operations Bridge Evolution Guide | go |
| Performance and Sizing Guide for Customers and Partners Operations Manager i 10.00 (latest Technical Whitepaper) | go |
| Performance Engine Installation Guide | go |
| RTSM Administration Guide | go |
| RTSM Best Practices | go |
| RTSM Developer Reference | go |
| User Guide | go |
| Virtual Appliance Deployment Guide | go |

## Operations Connector documents

| Document | 10.11 |
|---|---|
| Support Matrix | go |
| Release Notes | go |
| Installation and Upgrade Guide | go |
| Online Help | go |
| User Guide | go |

# Content for Operations Bridge Suite

To enhance your experience, you can also download content for the Operations Bridge Suite.

## Connectors on HPE LiveNetwork

Find numerous third-party connectors on HPE LiveNetwork in **Documentation** > **BSM Connectors**.

To build your own new integration, or test an existing one, try HPE LiveNetwork Operations Connector SDK.

# Management Packs

A large number of OMi Management Packs are available on HPE LiveNetwork.

# Operations Orchestration

Operations Orchestration guides you through problem resolution using tools to help you perform common tasks. For example, you can manually run a command tool to check the status of a infrastructure element. You can automate runbook execution of typical operator actions by creating simple scripts and commands. Automated tasks can be turned into workflows to execute formal processes consistently and ensure compliance.

Version information of Operation Orchestration integration with Operations Manager i can be found in the HPE Software Integrations Catalog:

Integration [540] - OO Content for HP Operations Manager i

# Operations Orchestration documents

| Document | 10.60 |
|---|---|
| Support Matrix | go |
| Release Notes | go |
| Action Developers Guide | go |
| Administration Guide | go |
| Application Program Interface (API) Guide | go |
| Architecture Guide | go |
| Central User Guide | go |
| Concepts Guide | go |
| Database Guide | go |
| Database Maintenance Procedures | go |

| Document | 10.60 |
|---|---|
| Installation, Upgrade, and Configuration Guide | go |
| OO Shell for Authoring (OOSHA) User Guide | go |
| OO Shell (OOSH) User Guide | go |
| Request to Fulfill Value Stream with SAP Best Practices | go |
| Sample Silent Properties File | go |
| Security and Hardening Guide | go |
| Studio Authoring Guide | go |
| Studio Wizards Guide | go |
| System Requirements | go |
| Troubleshooting Guide | go |
| Tuning Guide | go |
| Upgrading to HPE OO 10.x from OO 9.x | go |
| User Guide | go |

# Operations Analytics

Operations Analytics gives you the ability to detect problems before they occur by using sophisticated big data techniques to analyze log files and events. It automatically detects trends in unrelated data streams. You can quickly identify root causes from logs and events presented in a single pane.

Version information of Operations Analytics integration with Operations Manager i can be found in the HPE Software Integrations Catalog:

Integration [704] - Operations Analytics - Operations Manager i integration

Integration [892] - OMi topology integration

## Operations Analytics documents

| Document | 2.32 |
|---|---|
| Support Matrix - System Requirements and Sizing Guide | go |

| Document | 2.32 |
|---|---|
| Release Notes | go |
| AQL Developer Guide | go |
| Configuration Guide | go |
| Installation Guide | go |
| Open Source and Third-Party Software License Agreements | go |
| HPE Operations Analytics - BSM and OMi Integration Guide | go |
| HPE Operations Analytics for HPE OneView Installation, Integration, and Upgrade Guide | go |
| System Requirements and Sizing Guide | go |
| User Guide | go |

# Operations Bridge Reporter

Address the challenges of reporting in dynamic IT environments by consolidating performance data and metrics from multiple domain-focused collectors. OBR collects and collates specific information regarding the relationships between IT elements and the business services they support.

Version information of Operations Bridge Reporter integration with Operations Manager i can be found in the HPE Software Integrations Catalog:

Integration [299] - OBR integration with Operations Manager

## Operations Bridge Reporter documents

| Document | 10.01 |
|---|---|
| Support Matrix | go |
| Release Notes | go |
| Administration Guide | go |
| Concepts Guide | go |
| Configuration Guide | go |
| Content Designer Help | go |

| Document | 10.01 |
|---|---|
| Content Development  Guide | go |
| Cross-Domain Operations Events Content Pack Reference | go |
| Disaster Recovery Guide | go |
| Handbook of Reports | go |
| Health and Key Performance Indicators Content Pack Reference | go |
| High Availability Guide | go |
| IBM WebSphere Application Server Content Pack Reference | go |
| Integration Guide | go |
| Interactive Installation Guide | go |
| Microsoft Active Directory Content Pack Reference | go |
| Microsoft Exchange Server Content Pack Reference | go |
| Microsoft SQL Server Content Pack Reference | go |
| Migration Guide | go |
| Network Component Health Content Pack Reference | go |
| Network Interface Health Content Pack Reference | go |
| Network Performance Content Pack Reference | go |
| Operations Events Content Pack Reference | go |
| Oracle Content Pack Reference | go |
| Oracle WebLogic Server Content Pack Reference | go |
| Performance, Sizing, and Tuning Guide | go |
| Real User Transaction Monitoring Content Pack Reference | go |
| Secure Deployment Guide | go |
| Synthetic Transaction Monitoring Content Pack Reference | go |
| System Performance Content Pack Reference | go |
| Troubleshooting Guide | go |
| Virtual Environment Performance Content Pack Reference | go |

# Cloud Optimizer

Cloud Optimizer offers unified management of physical, virtual and cloud environments. It provides capacity management by balancing infrastructure capacity for optimal cost and performance.

## Cloud Optimizer documents

| Document | 3.01 |
| --- | --- |
| Support Matrix | go |
| Release Notes | go |
| Getting Started Guide | go |
| Compute Sensor User Guide | go |
| Installation Guide | go |
| Interactive Installation Guide | go |
| Metric Definition Reference Guide | go |
| Online Help | go |
| Open Source and Third-Party Software License Agreements | go |
| Sizing Guide | go |
| X86 Virtualization Technology Evolution to HPE Cloud Optimizer Technical White Paper | go |

# UCMDB: Universal Discovery and ASM

UCMDB automatically detects the topology of your IT environment organized into service trees.

Version information of the UCMDB integration with Operations Manager i can be found in the HPE Software Integrations Catalog:

Integration [821] - UCMDB-OMi Platform synchronization (UCMDB - OMi)

Integration [810] - UCMDB to OMi Downtime Integration (OMi - UCMDB)

# UCMDB: Universal Discovery and ASM documents

| Document | 10.22 |
|---|---|
| Support Matrix | go |
| Release Notes | go |
| Administration Guide | go |
| Backup and Recovery Guide | go |
| Configuration Manager Open Source and Third-Party Software License Agreements | go |
| Configuration Manager User Guide | go |
| CP Support Matrix | go |
| Data Flow Management Guide | go |
| Database Guide | go |
| DDMI to Universal Discovery Migration Walkthrough Guide | go |
| Deployment Guide 10.20 | go |
| Detect to Correct v2.1 Value Stream Concept and Configuration Guide | go |
| Developer Reference Guide | go |
| Discovery and Integration Content - General Reference | go |
| Discovery and Integration Content - Discovery Activities | go |
| Discovery and Integration Content - Discovery Modules | go |
| Discovery and Integration Content Permissions 10.20 | go |
| Discovery and Integration Content - Supported Content | go |
| End-to-End Workflow Walkthrough Guide | go |
| Hardening Guide | go |
| HPE Universal CMDB & Configuration Manager Release Notes | go |
| Inventory Tools User Guide | go |
| JMX Reference Guide | go |
| Modeling Guide | go |
| Open Source and Third-Party Software License Agreements | go |

| Document | 10.22 |
|---|---|
| Request to Fulfill v1.1 Value Stream Concept and Configuration Guide | go |
| Requirement to Deploy v2.1 Value Stream Concept and Configuration Guide | go |
| Strategy to Portfolio v1.1 Value Stream Concept and Configuration Guide | go |
| Universal Discovery Content Guide - Third Party Integrations | go |
| What's New in HP CMS Version 10.22 | go |

# SiteScope

SiteScope offers agentless monitoring of your infrastructure.

Version information of the SiteScope integration with Operations Manager i can be found in the HPE Software Integrations Catalog:

Integration [412] - Event forwarding from SiteScope to BSM OMi

Integration [496] - SiteScope Remote Configuration by Monitoring Automation

## SiteScope documents

| Document | 11.32 |
|---|---|
| Support Matrix in the Deployment Guide | go |
| Release Notes | go |
| What's New | go |
| Configuration and Data Acquisition API Reference | go |
| Configuring the Integration with HPE Diagnostics | go |
| Deployment and Capacity Planner | go |
| Detect to Correct v2.1 Value Stream Concept and Configuration Guide | go |
| Failover Guide | go |
| HP Network Node Manager i Software - HP SiteScope Integration  Guide | go |
| Integration with BSM and HPOM Best Practices | go |

| Document | 11.32 |
|---|---|
| Integration with HP Operations Manager Products | go |
| Monitor Reference | go |
| Open Source and Third-Party Licenses | go |
| Public API Reference Guide | go |
| Requirement to Deploy v2.1 Value Stream Concept and Configuration Guide | go |
| Using SiteScope | go |

# Operations Agent

Operations Agent is a proven HPE data collector that delivers metrics into the central health view. Benefit from local event and metric buffering, in addition to local event reduction and automatic actions for remediation. Additionally, Operations Agent offers smart plug-ins for monitoring purposes.

## Operations Agent documents

| Document | 12.01 |
|---|---|
| Support Matrix | go |
| Release Notes | go |
| Concepts Guide | go |
| GlancePlus for AIX: Dictionary of Operating System Performance Metrics | go |
| GlancePlus for HP-UX: Dictionary of Operating System Performance Metrics | go |
| GlancePlus for Linux: Dictionary of Operating System Performance Metrics | go |
| GlancePlus for Solaris: Dictionary of Operating System Performance Metrics | go |
| Handbook of Metrics | go |
| License Guide | go |
| Open Source and Third-Party Software License Agreements | go |
| HPE Operations Agent and Infrastructure SPIs Installation Guide | go |
| Reference Guide | go |

| Document | 12.01 |
|---|---|
| User Guide | go |
| User Guide: Health View | go |

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