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# Additional License Authorizations

For HPE Service and Operations Bridge Center and HPE Systems Management Center software products

## Additional License Authorizations

For HPE Service and Operations Bridge Center and HPE Systems Management Center software products

## Products and suites covered

| Products   | E-LTU or E-Media available * | Non-production use category ** |
|--|------------------------------|--------------------------------|
| HPE Cloud Optimizer Express Edition (previously called HP Virtualization Performance Viewer Express Edition)                                   | Yes                          | Class 1                        |
| HPE Cloud Optimizer Premium Edition (previously called HP Virtualization Performance Viewer Premium Edition)                                   | Yes                          | Class 1                        |
| HPE Cloud Optimizer Standard Edition (previously called HP Virtualization Performance Viewer Standard Edition)                                 | Yes                          | Class 1                        |
| HPE GlancePlus (previously called HP GlancePlus)   | Yes                          | Class 2                        |
| HPE GlancePlus Pak (previously called HP GlancePlus Pak)   | Yes                          | Class 2                        |
| HPE Monitoring Automation for Composite Applications (previously called HP Monitoring Automation for Composite Applications)                   | Yes                          | Class 2                        |
| HPE Operations Bridge Business Value Dashboard Add-on (previously called HP Operations Bridge Business Value Dashboard Add-on)                 | Yes                          | Class 1                        |
| HPE Operations Bridge Express Edition Management Pack (previously called HP Operations Bridge Express Edition Management Pack)                 | Yes                          | Class 1                        |
| HPE Operations Bridge Management Pack (previously called HP Operations Bridge Management Pack)   | Yes                          | Class 1 ***                    |
| HPE Operations Bridge Reporter (previously called HP Service Health Reporter)  | Yes                          | Class 1                        |
| HPE Operations Bridge System Collector Add-on (previously called HP Operations Bridge System Collector Add-on)                                 | Yes                          | Class 1                        |
| HPE Operations Bridge System Collector Express Edition Add-on (previously called HP Operations Bridge System Collector Express Edition Add-on) | Yes                          | Class 1                        |
| HPE Operations Bridge System Collector SLM Add-on (previously called HP Operations Bridge System Collector SLM Add-on)                         | Yes                          | Class 1                        |
| HPE Operations Bridge System Collector SLM SHA Add-on (previously called HP Operations Bridge System Collector SLM SHA Add-on)                 | Yes                          | Class 1                        |
| HPE Operations Bridge Topology Based Event Correlation Add-on (previously called HP Operations Bridge Topology Based Event Correlation Add-on) | Yes                          | Class 1                        |
| HPE Operations Manager (previously called HP Operations Manager)   | Yes                          | Class 2                        |
| HPE Operations Manager i (previously called HP Operations Manager i)   | Yes                          | Class 2                        |
| HPE Operations Manager i Management Pack (previously called HP Operations Manager i Management Pack)   | Yes                          | Class 1                        |
| HPE Operations Smart Plug-ins (previously called HP Operations Smart Plug-ins)   | Yes                          | Class 2 ***                    |
| HPE Operations Target Connector (previously called HP Operations Target Connector)   | Yes                          | Class 2                        |
| HPE Performance Manager (previously called HP Performance Manager)   | Yes                          | Class 2                        |
| HPE Reporter (previously called HP Reporter)   | Yes                          | Class 2                        |

These HPE Operations software products are also sold in various combinations.

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For HPE Service and Operations Bridge Center and HPE Systems Management Center software products

| Suites   | E-LTU or E-Media available * | Non-production use category ** |
|--|------------------------------|--------------------------------|
| HPE Operations Bridge Express Edition Suite (previously called HP Operations Bridge Express Edition Suite)                       | Yes                          | Class 1                        |
| HPE Operations Bridge Premium Edition Suite (previously called HP Operations Bridge Premium Edition Suite)                       | Yes                          | Class 1                        |
| HPE Operations Bridge Ultimate Edition Suite (previously called HP Operations Bridge Ultimate Edition Suite)                     | Yes                          | Class 1                        |
| HPE Operations Bridge Ultimate Edition Suite version 2 (previously called HP Operations Bridge Ultimate Edition Suite version 2) | Yes                          | Class 1                        |
| HPE Operations Bridge Ultimate Edition Suite version 3   | Yes                          | Class 1                        |
| HPE Operations Manager for Linux Basic Suite (previously called HP Operations Manager for Linux Basic Suite)                     | Yes                          | Class 3 ****                   |

\* Any product sold as E-LTU or E-Media shall be delivered electronically regardless of any contrary designation in a purchase order.

\*\* Non-production use rights, if any, can be found at [software.microfocus.com/about/software-licensing](https://software.microfocus.com/about/software-licensing).

\*\*\* Except for ComTrade Smart Plug-in for Citrix, ComTrade Smart Plug-in for Documentum, ComTrade Smart Plug-in for Siebel, HPE Operations Smart Plug-in for IBM DB2, HPE Operations Smart Plug-in for Oracle Tuxedo, HPE Operations Smart Plug-in for PeopleSoft, Naste! APWMQ Smart Plug-in, HPE Operations Smart Plug-in for Remedy and HPE Operations Bridge Management Pack for Citrix, which all are Class 3.

\*\*\*\* Where customers require non-production licenses, individual non-production component licenses should be purchased.

## Definitions

Capitalized terms not otherwise defined in this ALA document are defined in the governing agreement.

| Term                                 | Definition   |
|--------------------------------------|--|
| Application Instance or ApplInstance | <p>Means a monitored environment running an instance of an application</p> <ul style="list-style-type: none"> <li>▪ For .NET based application, ApplInstance is one windows process that runs .net (one worker processes).</li> <li>▪ For Citrix, ApplInstance is any monitored XenApp, XenServer, XenDesktop, Web Interface, License Server, Provisioning Services, or Secure Gateway hosted on one hostname.</li> <li>▪ For DB2 databases, an ApplInstance is one DB2 Database Instance as identified by a DB2 Instance User on a given system. For EMC Documentum, ApplInstance is any monitored Content Server, Index Server, xPlore Indexing Server, Web Based Applications (WebTop, DA, DAM), Web Content Publishing Services (SCS, IDS), Distributed Content Services (BOCS, DMS), or Content Transformation Services (DTS, ADTS) hosted on one hostname.</li> <li>▪ For Java based applications, ApplInstance is one JVM.</li> <li>▪ For Microsoft Enterprise Servers (e.g., Exchange, Active Directory, Office Communications Server, SharePoint, Biztalk, ISA etc.) ApplInstance is any monitored installation of any of the Servers.</li> <li>▪ For Microsoft SQL Server, ApplInstance is one SQL Server service with its own port, logins and set of system and user databases.</li> <li>▪ For an Oracle database, ApplInstance is one SID (Oracle system ID) in a database environment, including the RDBMS software, table structure, stored procedures and other functionality.</li> <li>▪ For PeopleTools servers, an ApplInstance is one of Application Server, Batch Server (Process Scheduler), Database Server, Web Server.</li> <li>▪ For SAP NetWeaver ABAP stack, ApplInstance is one Dialog or Central Instance. For NetWeaver Java stack, ApplInstance is one JVM. Technically, for SAP NetWeaver ApplInstance is the unique combination of the hostname, System ID of the SAP system and System Number of the SAP system (two-digit numeric value) to identify an instance.</li> </ul> |

## Additional License Authorizations

For HPE Service and Operations Bridge Center and HPE Systems Management Center software products

| Term  | Definition  |
|---|---|
|   | <ul style="list-style-type: none"><li>▪ For Siebel, ApplInstance is one database instance, one application server or one web server. For Siebel CRM, ApplInstance is any monitored Siebel application server, Gateway name server, web server with Web Server Extension, Siebel Analytics, or Oracle Business Intelligence services hosted on one hostname.</li><li>▪ For Sybase and Informix Server, ApplInstance is one Server with its own logins and set of system and user databases.</li><li>▪ For Tuxedo servers, ApplInstance is one Tuxedo instance.</li><li>▪ For Web Application Servers, ApplInstance is one Server that runs on a Java Virtual Machine (JVM) and has its own configuration.</li><li>▪ For WebSphere, WebLogic and JBoss Application Servers, an ApplInstance is one JVM that can be deployed standalone or clustered, and hosts and executes Java EE applications. For WMQ ApplInstance is one MQ Queue Manager instance.</li><li>▪ For WMQ ApplInstance is one MQ Queue Manager instance. For CICS and IMS applications, ApplInstance is one CICS/IMS region that the monitored application (or part of it) is being hosted in.</li></ul> |
| Clustered Computer  | Means a group of servers or other resources that act like a single system and enable high availability and in some cases, load balancing and parallel processing.   |
| Dashboard   | Means an easy to read, single webpage, real-time user interface, showing a graphical presentation of the current status (snapshot) and historical trends of an organization's key performance indicators (KPIs) to enable instantaneous and informed decisions to be made at a glance. In Business Value Dashboard, each webpage or hyperlink launching a new webpage is counted as a Dashboard.  |
| Device or Dev   | Means an addressable entity, physical or virtual, including but not limited to router, switch, bridge, hub, ATM, end user, PC, laptops, handheld device or printer that resides within the range defined for interrogation and asset tracking.  |
| E-LTU and E-Media   | Means products which are electronically delivered only, and as such any reference to FOB Destination or delivery methods that are stated on your purchase order other than electronic shall be null and void with respect to these E-LTU or E-Media products.   |
| HPE Operations Agent  | Means the software component of HPE Operations Manager that is installed on managed nodes. The HPE Operations Agent software collects information from multiple sources on the local system, creates Operations Manager messages, enhances message content, filters and correlates messages, starts actions and sends messages to the HPE Operations Manager Management Server.   |
| HPE Operations Manager Management Server                        | Means the software component of HPE Operations Manager that constitutes the central entity, where all messages from the HPE Operations Agent and other monitoring tools are received, processed, stored and forwarded to the operator GUIs, and where HPE Operations Agent configuration is maintained, stored, assigned and distributed.   |
| HPE Operations Smart Plug-ins (SPIs)                            | Means the software add-on components to the HPE Operations Manager that manage specific business applications, e-commerce platforms, messaging services, databases and internet infrastructure. They extend the management capabilities of HPE Operations Manager to the application management domain by reporting on discovery, alarms and events.  |
| Hypervisor  | Means Operating System Instance which allows multiple Virtual Machines to share physical hardware resources   |
| Instance  | Means each implementation of the application installed on a Server.   |
| Internal Use  | Means access and Use of the software for purposes of supporting your internal operations.   |
| LTU   | Means License To Use.   |
| HPE OMi Management Pack or HP Operations Bridge Management Pack | Means the software add-on components to the HPE Operations Manager i (OMi) that manage specific business applications, e-commerce platforms, messaging services, databases and internet infrastructure. They extend the management capabilities of HPE OMi to the application management domain by reporting on discovery, alarms and events.   |
| Managed Nodes   | Means the OM Nodes that have an HPE Operations Agent installed.   |
| Management Server Node  | Means the HPE Operations Agent running on the management server Instance.   |

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| Term  | Definition  |
|---|---|
| Monitored Application User                      | Means a user that uses an application monitored by an HPE Operations Management Pack.   |
| Monitored Node                                  | Means infrastructure OM Nodes that do not have an HPE Operations Agent installed. Monitored Nodes include (but are not restricted to) servers, virtual servers, network devices and other infrastructure devices such as monitored UPS's and environmental monitoring components.   |
| MP  | Means monthly payment for the term LTU and Term Support. When MP is indicated in the product description customer is required to submit a purchase order inclusive of both for the term of the license.   |
| Node  | Means a type of Node as further defined in the Software specific terms below.   |
| Non-Production Development/Test System or NP DV | Means a non-production development/test system which has a software product installed and is to be used for a) developing your software product add-on applications, b) software product migration testing or c) software product pre-production staging.   |
| Non-Production Failover System or NP FO         | Means a non-production failover system which has a software product installed on, has processes of this product running but is not collecting any data, nor executing any policies, nor sending/receiving any messages. If the production system breaks down, or needs to be brought out of service, you are required to use the software product on the non-production failover system in order to take over from the production system while it is physically down or unavailable. No concurrent data collection, policy execution or message send/receive on the Non-Production Failover System and the production system is performed. In case of HPE OM/OMi Target Connector, a Non-Production Failover System is setup to be monitored by a HPE Operations Manager software product, but is not actually being monitored until it becomes a production system.  |
| OM Cold Standby System                          | Means a standby system which has the software product installed and is EITHER shutdown or not running any of the product's processes. If the production system breaks down, or needs to be brought out of service, You are required to switch on and start the software product on the Cold Standby system in order to take over from the production system while it is physically down or unavailable. No concurrent processes of the software product on the Cold Standby System and the production system are running, nor are both concurrently under management by the software product.   |
| OM Node   | Means the equivalent of one OS Instance or ten Devices in a network.  |
| Operating System Instance or OS Instance        | Means each implementation of the bootable program that can be installed onto a physical system or a partition, such as system Virtual Machines, virtual environments, virtual private servers, containers, guests and zones, within the physical system. A physical system can contain multiple Operating System Instances. A container means a system partition based on software rather than hardware. Guests means a VM system running on a host system where the host runs its own complete OS Instance (as opposed to a hypervisor), like VMware Workstation. Zone means Oracle/Sun Solaris specific nomenclature for a software partition which can run a virtual OS instance including but not limited to Sparse, native, and ipkg.  |
| Operations Bridge Node                          | Means the equivalent of one OS Instance or ten Devices in a network or ten containers. For storage devices, in general Storage elements are counted the same way as devices using 10:1 ratio i.e. 10 elements require 1 Operations Bridge Node license. A storage element is defined as a component actively managed inside the Operations Bridge. If the entire Storage Array is a single element, the entire Array is a device. However, in general, interfaces or controller cards are typical single point of failures in devices, thus multiple cards are available. Very often a single controller card is an element managed and understood by Operations Bridge. In that case, a storage element is the storage controller, and as such counted as a device. If the customer wants to manage RAID via Operations Bridge – which is not recommended, a storage element would be a single spindle. It does not matter how the information of a storage element gets into Operations Bridge - whether SNMP traps are received, log files on systems are parsed, or events are sent from a 3rd party domain or Storage Resource Management (SRM) manager. |
| Operations Bridge Reporter Node or OBR Node     | Means the equivalent of one OS Instance or ten Devices in a network or ten containers.  |
| Points  | Means the numerical tracking system representing the total number of metrics you are authorized to execute.   |

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| Term                            | Definition   |
|---------------------------------|--|
| Production System               | Means a system which has a software product installed on, has processes of this product running and is either collecting data, executing policies, or sending/receiving messages. In case of HPE OM/OMi Target Connector, a Production System is setup to be monitored by HPE Operations Manager software product and is actually being monitored.   |
| QP                              | Means a quarterly payment for the term LTU and Term Support. When QP is indicated in the product description customer is required to submit a purchase order inclusive of both for the term of the license.  |
| Real Time                       | Means the ability to update performance data when it occurs versus waiting for it to be collected, stored and then presented.  |
| Server or Svr                   | Means any designated computer system in which an Instance or Instances of the software is installed.   |
| Solution Template               | Means a set of HPE SiteScope monitor configurations with predefined thresholds for a given technology. Solution Templates may include a password-protected best practices document.  |
| Suite                           | Means two or more software products combined into a single license offering or a single software product which includes two or more licenses. The specific software products included in a Suite are specified in the software Specific License Terms below. Software products included in a Suite are governed by the individual authorizations and use restrictions associated with each software product, except where specified in the specific Suite software specific license terms below. |
| TB                              | Means terabytes which designates the amount of physical capacity that can be managed.  |
| Target Connectors               | Means the software product required for inclusion of a multiple-purpose Monitored Node in the monitored environment of the software product.   |
| Term License to Use or Term LTU | means a software license to use (LTU) which indicates in its license description that the license is valid for a specific period of time such as One Month (1M), One Year (1Y) etc. Term LTU's are not perpetual licenses. One Year (1Y) etc. Term LTU's are not perpetual licenses.   |
| Term Support                    | Means a fixed period support offering that is only valid during the time period of the associated Term LTU.  |
| Transaction or Txn              | Means a series of distinct actions relevant for monitoring an IT service or process. It is represented and stored in software as a single, unique measuring capability for a stated Key Performance Indicator (KPI).   |
| URL                             | Means the Uniform Resource Locator ("URL") for the page or file to be monitored.   |
| Virtual Machine(s) or VM(s)     | Means a computer that does not physically exist but is simulated by another computer.  |

## Software specific license terms

Software products with software specific license terms are described below. Software products covered by this ALA document (as listed above) and not covered in this section do not have software specific license terms.

### **HPE Cloud Optimizer Express Edition, HPE Cloud Optimizer Premium Edition and HPE Cloud Optimizer Standard Edition (HPE Cloud Optimizer previously was called HP Virtualization Performance Viewer)**

HPE Cloud Optimizer is a real-time monitoring and capacity optimization tool for virtualized infrastructures and can help to quickly troubleshoot performance issues and bottlenecks. HPE Cloud Optimizer Express Edition, HPE Cloud Optimizer Premium Edition and HPE Cloud Optimizer Standard Edition are licensed by the total number of OS Instances being monitored, including both Hypervisor and Virtual Machines. HPE Cloud Optimizer is available as a Community, Express, Premium and Standard Editions (Standard Edition only available to customers who purchased that before). The Express Edition license provides additional scalability and capacity over the Community Edition. The Premium Edition license provides additional functionality over the Express Edition.

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### **HPE GlancePlus (previously called HP GlancePlus)**

HPE GlancePlus is licensed by Tier and by Device. For more information about the Tier levels, check the HPE Operations Tier Matrix on Software Support Online at [hpe.com/software/support](https://hpe.com/software/support), available along with the product manuals for HPE GlancePlus. The original licensed Tier is based on the Device at the time of purchase. Once an HPE GlancePlus license has been deployed to a specific Device, if the Tier of that same Device changes for any reason, no additional licenses of HPE GlancePlus are required for that same Device. Licensee is responsible for providing documentation to HPE that the Tier has changed after the deployment of the lower Tier HPE GlancePlus license and that the Device was of an equal or lower Tier to the license originally deployed.

### **HPE GlancePlus Pak (previously called HP GlancePlus Pak)**

HPE GlancePlus Pak is licensed by Tier and by Device. HPE GlancePlus Pak is a combination of HPE GlancePlus and HPE Performance Agent. For more information about the Tier levels, check the HPE Operations Tier Matrix on Software Support Online at [hpe.com/software/support](https://hpe.com/software/support), available along with the product manuals for HPE GlancePlus Pak. The original licensed Tier is based on the Device at the time of purchase. Once an HPE GlancePlus Pak license has been deployed to a specific Device, if the Tier of that same Device changes for any reason, no additional licenses of HPE GlancePlus Pak are required for that same Device. Licensee is responsible for providing documentation to HPE that the Tier has changed after the deployment of the lower Tier HPE GlancePlus Pak license and that the Device was of an equal or lower Tier to the license originally deployed.

### **HPE Operations Bridge Business Value Dashboard Add-on**

HPE Operations Bridge Business Value Dashboard Add-On is licensed by 15 Dashboards and requires a license for either an HPE Operations Bridge Express Edition Suite, HPE Operations Bridge Premium Edition Suite, HPE Operations Bridge Ultimate Edition Suite version 2 or HPE Operations Bridge Ultimate Edition Suite version 3. This Add-On includes a license for HPE Operations Bridge Value Dashboard for 15 Dashboards. This adds to the Dashboard capacity included in the HPE Operations Bridge Premium Edition Suite, HPE Operations Bridge Ultimate Edition Suite, HPE Operations Bridge Ultimate Edition Suite version 2 and HPE Operations Bridge Ultimate Edition Suite version 3, according to the number of Operations Bridge Nodes.

### **HPE Operations Bridge Express Edition Management Pack (previously called HP Operations Bridge Express Edition Management Pack)**

HPE Operations Bridge Express Edition Management Pack is licensed by OS Instance and is available in packs of 5 OS Instances for monitoring any of the supported application domains.

### **HPE Operations Bridge Management Pack (previously called HP Operations Bridge Management Pack)**

HPE Operations Bridge Management Pack is licensed by OS Instance and is available in packs of 25 OS Instances for monitoring any of the supported application domains. HPE Operations Bridge Management Pack for Citrix is licensed by Monitored Application User.

### **HPE Operations Bridge Reporter (previously called HP Service Health Reporter)**

HPE Operations Bridge Reporter Standard Edition and HPE Operations Bridge Reporter Advanced Edition are included in the HPE Operations Bridge Premium Edition Suite, HPE Operations Bridge Ultimate Edition Suites and HPE Operations Bridge Ultimate Edition Suite version 3. They can also be bought as stand-alone products. When included as part of these Suites, HPE Operations Bridge Reporter is licensed by Operations Bridge Nodes and when bought as standalone, it licensed by Operations Bridge Reporter Node.

HPE Operations Bridge Reporter Standard Edition includes the content pack for System Performance and Event Reports, HPE Operations Bridge Reporter Advanced Edition includes all content packs that are available. Both HPE Operations Bridge Reporter Standard Edition and HPE Operations Bridge Reporter Advanced Edition provide the ability to create custom content packs.

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HPE Operations Bridge Premium Edition Suite and HPE Operations Bridge Ultimate Edition Suites which includes HPE Operations Bridge Reporter Standard Edition and HPE Operations Bridge Reporter Advanced Edition respectively uses HPE Vertica data storage with a limit of 1 TB for every 50 Operations Bridge Nodes for the sole use with HPE Operations Bridge. When bought as stand-alone, HPE Operations Bridge Reporter Standard Edition and HPE Operations Bridge Reporter Advanced Edition uses HPE Vertica data storage with a limit of 1 TB for every 50 Operations Bridge Reporter Nodes for the sole use with HPE Operations Bridge Reporter. Storage of any other data than that of HPE Operations Bridge or HPE Operations Bridge Reporter, requires separate purchases of the appropriate HPE Vertica licenses.

### **HPE Operations Bridge System Collector Add-on (previously called HP Operations Bridge System Collector Add-on)**

HPE Operations Bridge System Collector Add-On is licensed by 50 OS Instances and requires a license for either an HPE Operations Bridge Premium Edition Suite or an HPE Operations Bridge Ultimate Edition Suite or an HPE Operations Bridge Ultimate Edition Suite version 2 Operations Bridge Node license. This Add-On includes a license for HPE Operations OS instance, HPE Operations OS instance Real-time Add-on, and HPE SiteScope Premium Edition with all monitors and templates except URL and web Transaction monitors.

### **HPE Operations Bridge System Collector Express Edition Add-on (previously called HP Operations Bridge System Collector Express Edition Add-on)**

HPE Operations Bridge System Collector Express Edition Add-On is licensed by 5 or 50 OS Instances and requires a license for an HPE Operations Bridge Express Edition Suite Operations Bridge Node license. This Add-On includes a license for HPE Operations OS instance and HPE SiteScope Premium Edition with all monitors and templates except URL and web Transaction monitors, enterprise application Solution Templates, and automatic application failover. A maximum of 500 Operations Bridge System Collector Express Edition Nodes are supported with one HPE Operations Bridge Express Edition Suite implementation.

### **HPE Operations Bridge System Collector SLM Add-on (previously called HP Operations Bridge System Collector SLM Add-on)**

HPE Operations Bridge System Collector SLM Add-On is licensed by 50 OS Instances and requires a license for HPE Operations Bridge System Collector Add-On 50 OS Instances. This Add-On includes a license for HPE Service Level Management for System Availability Management for 50 OS Instances.

### **HPE Operations Bridge System Collector SLM SHA Add-on (previously called HP Operations Bridge System Collector SLM SHA Add-on)**

HPE Operations Bridge System Collector SLM SHA Add-On is licensed by 50 OS Instances and requires a license for HPE Operations Bridge System Collector Add-On 50 OS Instances. This Add-On includes a license for HPE Service Level Management (SLM) for System Availability Management for 50 OS Instances and a license for limited HPE Service Health Analyzer (SHA) for System Availability Management for 50 OS Instances. Limited HPE Service Health Analyzer for HPE System Availability Management provides access to HPE Service Health Analyzer functionality for HPE System Availability Management data only.

### **HPE Operations Bridge Topology Based Event Correlation Add-on (previously called HP Operations Bridge Topology Based Event Correlation Add-on)**

HPE Operations Bridge Topology Based Event Correlation Add-on is licensed by 50 Operation Bridge Nodes and requires a license for HPE Operations Bridge Premium Edition Suite.



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### HPE Operations Manager (previously called HP Operations Manager)

HPE Operations Manager software consists of multiple components with distinct licenses for each component. The HPE Operations Manager Management Server is licensed for installation and use on a single Server – either a Virtual Machine or physical server. Where the HPE Operations Manager Management Server software is installed in a Clustered Computer, the license allows one Instance of the software to be active at any time within the Clustered Computer.

The Management Server Node license is included with the HPE Operations Manager Management Server LTU and is only valid for running the agent software on the same Instance that the Operations Manager Management Server software is active on.

Where the HPE Operations Manager Management Server software is installed in a Clustered Computer the Management Server Node license enables one Instance of the Agent software to be active on the same Managed Node as the HPE Operations Manager Management Server software. Additional Agent software Instances active within the Clustered Computer require individual HPE Operations OS Instance LTUs.

Additional licenses are required for:

- **Managed Nodes:** Any additional node managed by the HPE Operations Manager management server requires an additional HPE Operations OS Instance license which entitles the use of HPE Operations Agent and HPE Performance Agent on this OS Instance. In case this node is a single dedicated end-user desktop with no server functions, an HPE Operations OS Instance Desktop license is required for each OS Instance entitling the use of HPE Operations Agent and HPE Performance Agent.
  - **Monitored Nodes:** Additional HPE OM/OMi Target Connector licenses are required for each multiple-purpose device that is being monitored using HPE Operations software product. Any interactive OS (interactive meaning that multiple concurrent user sessions are supported either through interactive logins or applications loaded within the OS environment) requires a Target Connector license OR an Operations OS Instance license. This includes systems managed by other event/performance management solutions.
    - Virtualization hypervisors are considered multi-user interactive devices, and require Target Connector licenses OR Operations OS Instances licenses. The hypervisor host and each virtual machine (guest) are counted as separate devices.
    - A Target Connector license is NOT required if an HPE Operations OS Instance license exists for this target device.
    - No Target Connector license is required if the information on the target device is originated from (NOT proxied thru) other HPE monitoring software, for example: HPE SiteScope, HPE Internet Services, HPE Storage Essentials, HPE Systems Insight Manager, NonStop management, Webjetadmin, Procurve monitoring.
  - In general, non-interactive, single user, and single-purpose devices do not require a Target Connector license. This includes:
    - Network devices such as hubs, switches, routers, modems, and similar.
    - Presentation and output devices such as signboards, printers, and similar.
    - Intelligent network devices such as load balancers, firewalls and content switches and similar.
    - Dedicated end-user desktops with no server functions.
    - ATMs.
- Note:** These exclusions do not apply to interactive operating systems' supplying these functions (for example, a Linux system that runs iptables) and desktops with server functions (e.g. print servers).
- **Smart Plug-ins:** Additional licenses are required for the installation and use of HPE Operations Smart Plug-ins (SPIs). One SPI license is required for each Application Instance of the underlying application that is monitored by the SPI. In the case of off-node or remote monitoring using the SPI, one Target Connector for SPI license is required for each Application Instance of the underlying application.

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The HPE Operations Manager Management Server LTU entitles you to a license each for HPE Reporter and HPE Performance Manager. The HPE Reporter license allows you to install HPE Reporter locally on the management server or remotely on another system. A remote installation is recommended to balance the available resources. HPE Performance Manager has to be installed locally on the Operations Manager Management Server.

## HPE Operations Manager i (previously called HP Operations Manager i)

The HPE Operations Manager i software product consists of multiple components with distinct licenses for each component.

HPE Operations Manager i Event Management Foundation, HPE Operations Manager i Topology Based Event Correlation , and HPE Monitoring Automation for Composite Applications are licensed for installation and use on a single Server – either a Virtual Machine or physical server.

Additional licenses are required for:

- **Managed Nodes:** Any additional node managed by HPE Operations Manager i or the HPE Operations Manager Management Server reporting to HPE Operations Manager i software requires an additional HPE Operations OS Instance license.
  - **Monitored Nodes:** Additional HPE Operations Manager HPE Operations Manager i Target Connector licenses are required for each multiple-purpose device that is being monitored using HPE Operations software product. Any interactive OS (interactive meaning that multiple concurrent user sessions are supported either through interactive logins or applications loaded within the OS environment) requires a Target Connector license OR an Operations OS Instance license. This includes systems managed by other event/performance management solutions.
    - Virtualization hypervisors are considered multi-user interactive devices, and require Target Connector licenses or Operations OS Instance licenses. The hypervisor host and each virtual machine (guest) are counted as separate devices.
    - A Target Connector license is NOT required if an HPE Operations OS Instance license exists for this target device.
    - No Target Connector license is required if the information on the target device is originated from (NOT proxied thru) other HPE monitoring software, for example: HPE SiteScope, HPE Internet Services, HPE Storage Essentials, HPE Systems Insight Manager, NonStop management, Webjetadmin, Procurve monitoring.
  - In general, non-interactive, single user, and single-purpose devices do not require a Target Connector license. This includes:
    - Network devices such as hubs, switches, routers, modems, and similar.
    - Presentation and output devices such as signboards, printers, and similar.
    - Intelligent network devices such as load balancers, firewalls and content switches and similar.
    - Dedicated end-user desktops with no server functions.
    - ATMs.
- Note:** These exclusions do not apply to interactive operating systems' supplying these functions (for example, a Linux system that runs iptables) and desktops with server functions (e.g. print server).
- HPE Operations Bridge Management Pack: Additional licenses are required for the installation and use of HPE Operations Bridge Management Pack.
  - HPE OMi Management Pack: Additional licenses are required for the installation and use of HPE OMi Management Pack. The HPE OMi Management Pack is available in two editions – Standard and Advanced.

## HPE Operations OS Instance Advanced (previously called HP Operations OS Instance Advanced)

Includes a single license for HPE Operations OS Instance and HPE SiteScope system monitoring for a single OS Instance. Customers using HPE SiteScope 10.x or earlier are licensed for 15 Points. The 15 SiteScope Points must be used on the system they were bought for and can be used for the following monitor types only: CPU, Disk space, Memory, File, Directory,

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Microsoft Windows event log, Microsoft Windows performance counter, Microsoft Windows Services State, Microsoft Windows Resources, Service, Unix Resources, HPE NonStop Resources, HPE NonStop Event Log, Ping, Port, DHCP.

### **HPE Operations OS Instance Performance (previously called HP Operations OS Instance Performance)**

Entitles the use of HPE Performance Agent on one single OS Instance. For use of the HPE Performance Agent on any single dedicated end-user desktop OS instance with no server functions an HPE Operations OS Instance Performance Desktop license is required.

### **HPE Operations OS Instance Real Time Add-on (previously called HP Operations OS Instance Real Time Add-on)**

Includes a single license for HPE Operations OS Instance Real Time Add-on for a single OS Instance. HPE Operations OS Instance Real Time Add-on requires a corresponding HPE Operations OS Instance Advanced LTU or Tier LTU and a licensed version of HPE Performance Manager to view the real time data. HPE Operations OS Instance Real Time Add-on LTU's are allowed to move across physical machines the environment with the node in Real Time. You cannot purchase a HPE Operations OS Instance Real Time Add-on with a HPE Operations OS Instance Performance only.

### **HPE Operations SPI Instance Advanced (previously called HP Operations SPI Instance Advanced)**

Includes a single license for HPE Operations SPI Instance and a license for 15 Points of HPE SiteScope. The SiteScope Points must be used only for monitoring the Application Instances for which the SPI Instance Advanced LTU has been purchased. They can be aggregated (e.g., based on the two SPI Instance Advanced LTUs purchased, use up to 30 Points for the second Application Instance and none for the first Application Instance). SiteScope Points cannot be transferred between the various SPIs (e.g., between SPI for Oracle DB and SPI for Sybase DB).

### **HPE Operations Manager i Management Pack (previously called HP Operations Manager i Management Pack)**

HPE Operations Manager i (OMi) Management Pack is available in Standard or Advanced Editions. It includes a single license for HPE OMi Management Pack Standard/Advanced OS Instance and a license for 15 Points of HPE SiteScope. The SiteScope Points must be used only for monitoring Applications licensed by the specific HPE OMi Management Pack Standard/Advanced Edition. They can be aggregated (e.g. based on the two HPE OMi Management Pack Standard Edition purchased, 30 Points can be used for the second OS Instance and none for the first OS Instance). SiteScope Points cannot be transferred between the different editions of the HPE OMi Management Packs (e.g. between HPE OMi Management Pack Standard and Advanced).

### **HPE Performance Manager (previously called HP Performance Manager)**

HPE Performance Manager is licensed for installation and use on a single computer – either a Virtual Machine or physical server.

### **HPE Reporter (previously called HP Reporter)**

HPE Reporter is licensed for installation and use on a single computer – either a Virtual Machine or physical server.

## Additional License Authorizations

For HPE Service and Operations Bridge Center and HPE Systems Management Center software products

## HPE Operations Bridge and HP Operations Manager Suite offerings (previously called HP Operations Bridge and HP Operations Manager Suite offerings)

| Suite  | Offering includes  |
|--|--|
| HPE Operations Bridge Express Edition Suite – 5 Pack           | <ul style="list-style-type: none"><li>1 HPE Operations Manager i Event Management Foundation 5 Pack Operations Bridge Nodes; Restrictions apply: Database support is limited to PostgreSQL and a maximum of 2000 Operations Bridge Nodes are supported with one HPE Operations Bridge Express Edition Suite implementation.</li><li>1 HPE Monitoring Automation for Composite Applications 5 Pack Operations Bridge Nodes.</li></ul>   |
| HPE Operations Bridge Express Edition Suite – 50 Pack          | <ul style="list-style-type: none"><li>1 HPE Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes; Restrictions apply: Database support is limited to PostgreSQL and a maximum of 2000 Operations Bridge Nodes are supported with one HPE Operations Bridge Express Edition Suite implementation.</li><li>1 HPE Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes.</li></ul>   |
| HPE Operations Bridge Premium Edition Suite – 5 Pack           | <ul style="list-style-type: none"><li>1 HPE Operations Manager i Event Management Foundation 5 Pack Operations Bridge Nodes.</li><li>1 HPE Monitoring Automation for Composite Applications 5 Pack Operations Bridge Nodes.</li><li>1 HPE Operations Bridge Reporter (previously called HPE Service Health Reporter) Standard 5 Pack Operations Bridge Nodes.</li><li>1 Business Value Dashboard per 1000 Operations Bridge Nodes (for HPE Operations Manager i 10.10 and higher).</li></ul>   |
| HPE Operations Bridge Premium Edition Suite – 50 Pack          | <ul style="list-style-type: none"><li>1 HPE Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes.</li><li>1 HPE Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes.</li><li>1 HPE Operations Bridge Reporter (previously called HPE Service Health Reporter) Standard 50 Pack Operations Bridge Nodes.</li><li>1 Business Value Dashboard per 1000 Operations Bridge Nodes (for HPE Operations Manager i 10.10 and higher).</li></ul>  |
| HPE Operations Bridge Ultimate Edition Suite – 50 Pack         | <ul style="list-style-type: none"><li>1 HPE Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes.</li><li>1 HPE Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes.</li><li>1 HPE Operations Bridge Reporter (previously called HPE Service Health Reporter) Advanced 50 Pack Operations Bridge Nodes.</li><li>1 HPE Service Health Analyzer 50 Pack Operations Bridge Nodes.</li><li>1 HPE Operations Analytics Express Edition (previously called HPE Operations Log Intelligence) 50 Pack Operations Bridge Nodes.</li><li>1 HPE Operations Orchestration 50 Pack Operations Bridge Nodes.</li><li>1 HPE Operations Bridge Topology Based Event Correlation Add-on 50 Pack Operations Bridge Nodes.</li><li>1 Business Value Dashboard per 100 Operations Bridge Nodes (for HPE Operations Manager i 10.10 and higher).</li></ul> |
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## Additional License Authorizations

For HPE Service and Operations Bridge Center and HPE Systems Management Center software products

| Suite  | Offering includes   |
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| HPE Operations Bridge Ultimate Edition Suite version 3–50 Pack | <ul style="list-style-type: none"><li>▪ 1 HPE Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes.</li><li>▪ 1 HPE Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes.</li><li>▪ 1 HPE Operations Bridge Reporter (previously called HPE Service Health Reporter) Advanced 50 Pack Operations Bridge Nodes.</li><li>▪ 1 HPE Operations Orchestration 50 Pack Operations Bridge Nodes (limited to be used on a licensed Operations Bridge Node.; this usage is restricted for the monitoring use case i.e. to drive remediation actions detected in HPE Operations Bridge or configure the HPE Operations Bridge monitoring system. For other use cases such as general purpose IT Process Orchestration and Hybrid IT automation, customers can either purchase Hybrid Cloud Management Suite or Hybrid IT Operations Orchestration Add-On).</li><li>▪ 1 HPE Operations Bridge Topology Based Event Correlation Add-on 50 Pack Operations Bridge Nodes.</li><li>▪ 1 HPE Operations Analytics Ultimate Edition 50 Pack Operations Bridge Nodes (for licenses sold until January 15, 2017).</li><li>▪ 1 HPE Operations Bridge Analytics Edition 50 Pack Operations Bridge Nodes (for licenses sold as of January 16, 2017).</li><li>▪ 1 Business Value Dashboard per 100 Operations Bridge Nodes (for HPE Operations Manager i 10.10 and higher).</li><li>▪ 1 HPE Cloud Optimizer Premium Edition 50 Pack Operations Bridge Nodes.</li><li>▪ 1 HPE Universal Discovery 50 Pack Operations Bridge Nodes (limited to be used on a licensed Operations Bridge Node; the HPE Universal Discovery usage is restricted to bringing discovery data directly into Operations Bridge via a standalone HPE Universal CMDB or OpsBridge- Run Time Service Model that is dedicated to synchronizing discovered data with HPE Operations Bridge Suite. This license pack will cover the 50 UD OSi or 500 UDI (UD Inventory) OSi.</li><li>▪ 2 HPE Universal CMDB Automated Service Modeling Mapped Service (as of HPE Universal Discovery version 10.32, HPE Universal CMDB Automated Service Modeling is no longer licensed separately; functionality will be included in HPE Universal Discovery).</li></ul> |
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