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# Additional License Authorizations

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

## Additional License Authorizations

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

## Products and suites covered

Products	E-LTU or E-Media available*	Perpetual License Non-production use category**	Term License Non-production use category (if available)
Cloud Optimizer Express Edition (previously called HPE Cloud Optimizer Express Edition and HP Virtualization Performance Viewer Express Edition)	Yes	Class 1	Class 3
Cloud Optimizer Premium Edition (previously called HPE Cloud Optimizer Premium Edition and HP Virtualization Performance Viewer Premium Edition)	Yes	Class 1	Class 3
Cloud Optimizer Standard Edition (previously called HPE Cloud Optimizer Standard Edition and HP Virtualization Performance Viewer Standard Edition)	Yes	Class 1	Class 3
GlancePlus (previously called HPE GlancePlus)	Yes	Class 2	Class 3
GlancePlus Pak (previously called HPE GlancePlus Pak)	Yes	Class 2	Class 3
Monitoring Automation for Composite Applications (previously called HPE Monitoring Automation for Composite Applications)	Yes	Class 2	Class 3
Operations Bridge Business Value Dashboard Add-On (previously called HPE Operations Bridge Business Value Dashboard Add-On)	Yes	Class 1	Class 3
Operations Bridge Express Edition Management Pack (previously called HPE Operations Bridge Express Edition Management Pack)	Yes	Class 1	Class 3
Operations Bridge Management Pack (previously called HPE Operations Bridge Management Pack)	Yes	Class 1 ***	Class 3
Operations Bridge Reporter (previously called HPE Operations Bridge Reporter and HPE Service Health Reporter)	Yes	Class 1	Class 3
Operations Bridge System Collector Add-On (previously called HPE Operations Bridge System Collector Add-On)	Yes	Class 1	Class 3
Operations Bridge System Collector Add-On Version 2	Yes	Class 1	Class 3
Operations Bridge System Collector Express Edition Add-On (previously called HPE Operations Bridge System Collector Express Edition Add-On)	Yes	Class 1	Class 3
Operations Bridge System Collector SLM Add-On (previously called HPE Operations Bridge System Collector SLM Add-On)	Yes	Class 1	Class 3
Operations Bridge System Collector SLM SHA Add-On (previously called HPE Operations Bridge System Collector SLM SHA Add-On)	Yes	Class 1	Class 3
Operations Bridge Topology Based Event Correlation Add-On (previously called HPE Operations Bridge Topology Based Event Correlation Add-On)	Yes	Class 1	Class 3
Operations Manager (previously called HPE Operations Manager)	Yes	Class 2	Class 3
Operations Manager i (previously called HPE Operations Manager i)	Yes	Class 2	Class 3
Operations Manager i Management Pack (previously called HPE Operations Manager i Management Pack)	Yes	Class 1	Class 3
Operations Smart Plug-ins (previously called HPE Operations Smart Plug-ins)	Yes	Class 2 ***	Class 3
Operations Target Connector (previously called HPE Operations Target Connector)	Yes	Class 2	Class 3
Performance Manager (previously called HPE Performance Manager)	Yes	Class 2	Class 3

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Products	E-LTU or E-Media available *	Perpetual License Non-production use category **	Term License Non-production use category (if available)
Reporter (previously called HPE Reporter)	Yes	Class 2	Class 3

These Operations software products are also sold in various combinations.

Suites	E-LTU or E-Media available *	Perpetual License Non-production use category **	Term License Non-production use category (if available)
Operations Bridge Express Edition Suite (previously called HPE Operations Bridge Express Edition Suite)	Yes	Class 1	Class 3
Operations Bridge Suite Express Edition V2	Yes	Class 1	Class 3
Operations Bridge Premium Edition Suite (previously called HPE Operations Bridge Premium Edition Suite)	Yes	Class 1	Class 3
Operations Bridge Ultimate Edition Suite (previously called HPE Operations Bridge Ultimate Edition Suite)	Yes	Class 1	Class 3
Operations Bridge Ultimate Edition Suite version 2 (previously called HPE Operations Bridge Ultimate Edition Suite version 2)	Yes	Class 1	Class 3
Operations Bridge Ultimate Edition Suite version 3 (previously called HPE Operations Bridge Ultimate Edition Suite version 3)	Yes	Class 1	Class 3
Operations Manager for Linux Basic Suite (previously called HPE Operations Manager for Linux Basic Suite)	Yes	Class 3 ****	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/legal/software-licensing](https://software.microfocus.com/legal/software-licensing).

\*\*\* Except for ComTrade Smart Plug-in for Citrix, ComTrade Smart Plug-in for Documentum, ComTrade Smart Plug-in for Siebel, Operations Smart Plug-in for IBM DB2, Operations Smart Plug-in for Oracle Tuxedo, Operations Smart Plug-in for PeopleSoft, Nastel APWMQ Smart Plug-in, Operations Smart Plug-in for Remedy and 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> </ul>

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	<ul style="list-style-type: none"><li>▪ For Java based applications, AppInstance is one JVM.</li><li>▪ For Microsoft Enterprise Servers (e.g., Exchange, Active Directory, Office Communications Server, SharePoint, Biztalk, ISA etc.) AppInstance is any monitored installation of any of the Servers.</li><li>▪ For Microsoft SQL Server, AppInstance is one SQL Server service with its own port, logins and set of system and user databases.</li><li>▪ For an Oracle database, AppInstance 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 AppInstance is one of Application Server, Batch Server (Process Scheduler), Database Server, Web Server.</li><li>▪ For SAP NetWeaver ABAP stack, AppInstance is one Dialog or Central Instance. For NetWeaver Java stack, AppInstance is one JVM. Technically, for SAP NetWeaver AppInstance 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><li>▪ For Siebel, AppInstance is one database instance, one application server or one web server. For Siebel CRM, AppInstance 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, AppInstance is one Server with its own logins and set of system and user databases.</li><li>▪ For Tuxedo servers, AppInstance is one Tuxedo instance.</li><li>▪ For Web Application Servers, AppInstance 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 AppInstance is one JVM that can be deployed standalone or clustered, and hosts and executes Java EE applications. For WMQ AppInstance is one MQ Queue Manager instance.</li><li>▪ For WMQ AppInstance is one MQ Queue Manager instance. For CICS and IMS applications, AppInstance is one CICS/IMS region that the monitored application (or part of it) is being hosted in.</li></ul>
Cloud Service Infrastructure Instance	Means an infrastructure as a service instance which may include compute, network, storage or container instances in the cloud such as AWS EC2, AWS S3, AWS ECS, Azure VM, Azure Container Service etc.
Cloud Service Platform Instance	Means a platform as a service instance which may include applications such as databases, load balancers, middleware, analytics etc.
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.
Operations Agent	Means the software component of Operations Manager that is installed on managed nodes. The 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 Operations Manager Management Server.
Operations Manager Management Server	Means the software component of Operations Manager that constitutes the central entity, where all messages from the Operations Agent and other monitoring tools are received, processed, stored and forwarded to the operator GUIs, and where Operations Agent configuration is maintained, stored, assigned and distributed.

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Operations Smart Plug-ins (SPIs)	Means the software add-on components to the Operations Manager that manage specific business applications, e-commerce platforms, messaging services, databases and internet infrastructure. They extend the management capabilities of 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.
OMi Management Pack or Operations Bridge Management Pack	Means the software add-on components to the Operations Manager i (OMi) that manage specific business applications, e-commerce platforms, messaging services, databases and internet infrastructure. They extend the management capabilities of OMi to the application management domain by reporting on discovery, alarms and events.
Managed Nodes	Means the OM Nodes that have an Operations Agent installed.
Management Server Node	Means the Operations Agent running on the management server Instance.
Monitored Application User	Means a user that uses an application monitored by an Operations Management Pack.
Monitored Node	Means infrastructure OM Nodes that do not have an 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 OM/OMi Target Connector, a Non-Production Failover System is setup to be monitored by a 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.

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Operations Bridge Node	Means the equivalent of one OS Instance or ten Devices in a network or ten containers or five URLs or ten Cloud Service Infrastructure Instances or one Cloud Service Platform Instance or five third party monitoring tool Transactions. 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 <i>or</i> 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.
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 OM/OMi Target Connector, a Production System is setup to be monitored by 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 <i>or</i> Svr	Means any designated computer system in which an Instance or Instances of the software is installed.
Solution Template	Means a set of 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 <i>or</i> 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 <i>or</i> 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) <i>or</i> VM(s)	Means a computer that does not physically exist but is simulated by another computer.

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## 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.

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

Cloud Optimizer is a real-time monitoring and capacity optimization tool for virtualized infrastructures and can help to quickly troubleshoot performance issues and bottlenecks. Cloud Optimizer Express Edition, Cloud Optimizer Premium Edition and Cloud Optimizer Standard Edition are licensed by the total number of OS Instances being monitored, including both Hypervisor and Virtual Machines. 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.

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

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

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

GlancePlus Pak is licensed by Tier and by Device. GlancePlus Pak is a combination of GlancePlus and Performance Agent. For more information about the Tier levels, check the Operations Tier Matrix on MySupport at [softwaresupport.softwaregrp.com/web/softwaresupport](https://softwaresupport.softwaregrp.com/web/softwaresupport), available along with the product manuals for GlancePlus Pak. The original licensed Tier is based on the Device at the time of purchase. Once an 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 GlancePlus Pak are required for that same Device. Licensee is responsible for providing documentation to that the Tier has changed after the deployment of the lower Tier GlancePlus Pak license and that the Device was of an equal or lower Tier to the license originally deployed.

### **Operations Bridge Business Value Dashboard Add-On (previously called HPE Operations Bridge Business Value Dashboard Add-On)**

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

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

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.

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

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. Operations Bridge Management Pack for Citrix is licensed by Monitored Application User.

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

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

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

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

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

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

### **Operations Bridge System Collector Add-on Version 2**

Operations Bridge System Collector Add-On Version 2 is licensed by 50 OS Instances and requires a license for either an Operations Bridge Premium Edition Suite or an Operations Bridge Ultimate Edition Suite Node license. This Add-On includes a license for Operations OS instance, Operations OS instance Real-time Add-on, and SiteScope Premium Edition with all monitors and templates including URL monitors but excluding web Transaction monitors. The URL monitor entitlement is limited to 5 URLs for every OS Instance license.

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

Operations Bridge System Collector Express Edition Add-On is licensed by 5 or 50 OS Instances and requires a license for an Operations Bridge Express Edition Suite Operations Bridge Node license. This Add-On includes a license for Operations OS instance and 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 Operations Bridge Express Edition Suite implementation.



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### Operations Bridge System Collector SLM Add-On (previously called HPE Operations Bridge System Collector SLM Add-On)

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

### Operations Bridge System Collector SLM SHA Add-On (previously called HPE Operations Bridge System Collector SLM SHA Add-On)

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

### Operations Bridge Topology Based Event Correlation Add-On (previously called HPE Operations Bridge Topology Based Event Correlation Add-On)

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

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

Operations Manager software consists of multiple components with distinct licenses for each component.

The Operations Manager Management Server is licensed for installation and use on a single Server – either a Virtual Machine or physical server. Where the 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 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 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 Operations Manager Management Server software. Additional Agent software Instances active within the Clustered Computer require individual Operations OS Instance LTUs.

Additional licenses are required for:

- **Managed Nodes:** Any additional node managed by the Operations Manager management server requires an additional Operations OS Instance license which entitles the use of Operations Agent and Performance Agent on this OS Instance. In case this node is a single dedicated end-user desktop with no server functions, an Operations OS Instance Desktop license is required for each OS Instance entitling the use of Operations Agent and Performance Agent.
- **Monitored Nodes:** Additional OM/OMi Target Connector licenses are required for each multiple-purpose device that is being monitored using Micro Focus 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 Operations OS Instance license exists for this target device.

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- No Target Connector license is required if the information on the target device is originated from (NOT proxied thru) other Micro Focus monitoring software, for example: SiteScope, Internet Services, Storage Essentials, 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 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.

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

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

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

Operations Manager i Event Management Foundation, Operations Manager i Topology Based Event Correlation, and 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 Operations Manager i or the Operations Manager Management Server reporting to Operations Manager i software requires an additional Operations OS Instance license.
- **Monitored Nodes:** Additional Operations Manager i Target Connector licenses are required for each multiple-purpose device that is being monitored using Micro Focus 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 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 Micro Focus monitoring software, for example: SiteScope, Internet Services, Storage Essentials, Systems Insight Manager, NonStop management, Webjetadmin, ProCurve monitoring.

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▪ 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).

- Operations Bridge Management Pack: Additional licenses are required for the installation and use of Operations Bridge Management Pack.
- OMi Management Pack: Additional licenses are required for the installation and use of OMi Management Pack. The OMi Management Pack is available in two editions – Standard and Advanced.

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

Includes a single license for Operations OS Instance and SiteScope system monitoring for a single OS Instance. Customers using 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, Microsoft Windows event log, Microsoft Windows performance counter, Microsoft Windows Services State, Microsoft Windows Resources, Service, Unix Resources, NonStop Resources, NonStop Event Log, Ping, Port, DHCP.

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

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

### Operations OS Instance Real Time Add-On (previously called HPE Operations OS Instance Real Time Add-On)

Includes a single license for Operations OS Instance Real Time Add-On for a single OS Instance. Operations OS Instance Real Time Add-On requires a corresponding Operations OS Instance Advanced LTU or Tier LTU and a licensed version of Performance Manager to view the real time data. 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 Operations OS Instance Real Time Add-On with a Operations OS Instance Performance only.

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

Includes a single license for Operations SPI Instance and a license for 15 Points of 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).

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

Operations Manager i (OMi) Management Pack is available in Standard or Advanced Editions. It includes a single license for OMi Management Pack Standard/Advanced OS Instance and a license for 15 Points of SiteScope. The SiteScope Points must be used only for monitoring Applications licensed by the specific OMi Management Pack Standard/Advanced Edition. They

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

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can be aggregated (e.g. based on the two 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 OMi Management Packs (e.g. between OMi Management Pack Standard and Advanced).

## Performance Manager (previously called HPE Performance Manager)

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

## Reporter (previously called HPE Reporter)

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

## Operations Bridge Suite Express Edition V2

Operations Bridge Suite Express Edition V2 is licensed by Operations Bridge Node, the SiteScope entitlement will be restricted to use on above licensed Operations Bridge Nodes as below:

- Includes all SiteScope Solution Templates, and SiteScope Application Monitors for COM+ and WebSphere MQ.
- Includes monitors of the following type: URL, URL Content, URL List, URL Sequence, Web Service, Link Check, XML Metrics
- URL entitlement is limited to 5 URLs for every Operations Bridge Node.

The following Operations Bridge Suite Express Edition Add-ons are NOT available for Operations Bridge Express Edition V2

- Operations Bridge Express Edition Management Pack
- Operations Bridge System Collector Express Edition Add-On
- Operations Bridge Business Value Dashboard Add-On

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

Suite	Offering includes
Operations Bridge Express Edition Suite – 5 Pack	<ul style="list-style-type: none"><li>▪ 1 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 Operations Bridge Express Edition Suite implementation.</li><li>▪ 1 Monitoring Automation for Composite Applications 5 Pack Operations Bridge Nodes.</li></ul>
Operations Bridge Express Edition Suite – 50 Pack	<ul style="list-style-type: none"><li>▪ 1 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 Operations Bridge Express Edition Suite implementation.</li><li>▪ 1 Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes.</li></ul>
Operations Bridge Suite Express Edition V2 – 5 Pack	<ul style="list-style-type: none"><li>▪ 1 SiteScope Solution Templates, WebSphere MQ, and COM+ Application Monitors 5 Pack Operations Bridge Nodes.</li><li>▪ 5 SiteScope URL including URL Content, URL List, URL Sequence, Web Service, Link Check, XML Metrics per Operations Bridge Node.</li></ul>
Operations Bridge Suite Express Edition V2 – 50 Pack	<ul style="list-style-type: none"><li>▪ 1 SiteScope Solution Templates, WebSphere MQ, and COM+ Application Monitors 50 Pack Operations Bridge Nodes.</li><li>▪ 5 SiteScope URL including URL Content, URL List, URL Sequence, Web Service, Link Check, XML Metrics per Operations Bridge Node.</li></ul>

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<b>Suite</b>	<b>Offering includes</b>
Operations Bridge Premium Edition Suite – 5 Pack	<ul style="list-style-type: none"><li>▪ 1 Operations Manager i Event Management Foundation 5 Pack Operations Bridge Nodes.</li><li>▪ 1 Monitoring Automation for Composite Applications 5 Pack Operations Bridge Nodes.</li><li>▪ 1 Operations Bridge Reporter (previously called HPE Operations Bridge Reporter and HPE Service Health Reporter) Standard 5 Pack Operations Bridge Nodes.</li><li>▪ 1 Business Value Dashboard per 1000 Operations Bridge Nodes (for Operations Manager i 10.10 and higher).</li></ul>
Operations Bridge Premium Edition Suite – 50 Pack	<ul style="list-style-type: none"><li>▪ 1 Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Operations Bridge Reporter (previously called HPE Operations Bridge Reporter and HPE Service Health Reporter) Standard 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Business Value Dashboard per 1000 Operations Bridge Nodes (for Operations Manager i 10.10 and higher).</li></ul>
Operations Bridge Ultimate Edition Suite – 50 Pack	<ul style="list-style-type: none"><li>▪ 1 Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Operations Bridge Reporter (previously called HPE Operations Bridge Reporter and HPE Service Health Reporter) Advanced 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Service Health Analyzer 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Operations Analytics Express Edition (previously called HPE Operations Analytics Express Edition and HPE Operations Log Intelligence) 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Operations Orchestration 50 Pack Operations Bridge Nodes.</li><li>▪ 1 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 Operations Manager i 10.10 and higher).</li></ul>
Operations Bridge Ultimate Edition Suite version 2 – 50 Pack	<ul style="list-style-type: none"><li>▪ 1 Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Operations Bridge Reporter (previously called HPE Operations Bridge Reporter and HPE Service Health Reporter) Advanced 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Operations Orchestration 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Operations Bridge Topology Based Event Correlation Add-On 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Operations Analytics Ultimate Edition 50 Pack Operations Bridge Nodes.</li><li>▪ 1 Business Value Dashboard per 100 Operations Bridge Nodes (for Operations Manager i 10.10 and higher).</li></ul>

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## Additional License Authorizations

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

Suite	Offering includes
Operations Bridge Ultimate Edition Suite version 3 – 50 Pack	<ul style="list-style-type: none"><li>1 Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes.</li><li>1 Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes.</li><li>1 Operations Bridge Reporter (previously called HPE Operations Bridge Reporter and HPE Service Health Reporter) Advanced 50 Pack Operations Bridge Nodes.</li><li>1 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 Operations Bridge or configure the 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 Operations Bridge Topology Based Event Correlation Add-On 50 Pack Operations Bridge Nodes.</li><li>1 Operations Analytics Ultimate Edition 50 Pack Operations Bridge Nodes (for licenses sold until January 15, 2017).</li><li>1 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 Operations Manager i 10.10 and higher).</li><li>1 Cloud Optimizer Premium Edition 50 Pack Operations Bridge Nodes.</li><li>UCMDB versions 10.x or earlier: 1 Universal Discovery 50 Pack Operations Bridge Nodes (limited to be used on a licensed Operations Bridge Node; the Universal Discovery usage is restricted to bringing discovery data directly into Operations Bridge via a standalone Universal CMDB or OpsBridge- Run Time Service Model that is dedicated to synchronizing discovered data with Operations Bridge Suite. This license pack will cover the 50 UD OSi or 500 UDI (UD Inventory) OSi.</li><li>UCMDB version 11.x or later: 10 Universal Discovery units per 50 pack Operations Bridge Nodes (limited to be used on a licensed Operations Bridge Node; the Universal Discovery usage is restricted to bringing discovery data directly into Operations Bridge via a standalone Universal CMDB or OpsBridge- Run Time Service Model that is dedicated to synchronizing discovered data with Operations Bridge Suite).</li><li>2 Universal CMDB Automated Service Modeling Mapped Service (as of Universal Discovery version 10.32, Universal CMDB Automated Service Modeling is no longer licensed separately; functionality will be included in Universal Discovery).</li></ul>
Operations Manager for Linux Basic Suite	<ul style="list-style-type: none"><li>1 Operations Manager for Linux Management Server LTU.</li><li>20 Operations OS Instance Advanced LTU.</li><li>1 Operations Smart Plug-in Oracle database Instance Advanced LTU.</li><li>1 Operations Smart Plug-in SQL Server Instance Advanced LTU.</li><li>1 Operations Smart Plug-in Active Directory Instance Advanced LTU.</li><li>1 Operations Smart Plug-in Exchange Server Instance Advanced LTU.</li></ul>

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