



# Additional License Authorizations

For HPE Systems Management Center software products

## Products and suites covered

PRODUCTS	E-LTU OR E-MEDIA AVAILABLE <sup>*</sup>	NON-PRODUCTION USE CATEGORY <sup>**</sup>
HP GlancePlus	Yes	Class 2
HP GlancePlus Pak	Yes	Class 2
HP Monitoring Automation for Composite Applications	Yes	Class 2
HP Operations Bridge Express Edition Management Pack	Yes	Class 1
HP Operations Bridge Management Pack	Yes	Class 1
HP Operations Bridge System Collector Add-on	Yes	Class 1
HP Operations Bridge System Collector Express Edition Add-on	Yes	Class 1
HP Operations Bridge System Collector SLM Add-on	Yes	Class 1
HP Operations Bridge System Collector SLM SHA Add-on	Yes	Class 1
HP Operations Bridge Topology Based Event Correlation Add-on	Yes	Class 1
HP Operations Manager	Yes	Class 2
HP Operations Manager i	Yes	Class 2
HP Operations Manager i Management Pack	Yes	Class 1
HP Operations Smart Plug-ins	Yes	Class 2 <sup>***</sup>
HP Operations Target Connector	Yes	Class 2
HP Performance Manager	Yes	Class 2
HP Reporter	Yes	Class 2
HP Virtualization Performance Viewer	Yes	Class 1

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

SUITES	E-LTU OR E-MEDIA AVAILABLE <sup>*</sup>	NON-PRODUCTION USE CATEGORY <sup>**</sup>
HP Operations Bridge Express Edition Suite	Yes	Class 1
HP Operations Bridge Premium Edition Suite	Yes	Class 1
HP Operations Bridge Ultimate Edition Suite	Yes	Class 1

SUITES	E-LTU OR E-MEDIA AVAILABLE <sup>*</sup>	NON-PRODUCTION USE CATEGORY <sup>**</sup>
<b>HP Operations Bridge Ultimate Edition Suite version 2</b>	Yes	Class 1
<b>HP Operations Manager for Linux Basic Suite</b>	Yes	Class 3 ****
<b>HP Operations Manager for Windows Basic Suite</b>	Yes	Class 3 ****

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

<sup>\*\*</sup> Non-production use rights, if any, can be found at [hpe.com/software/SWlicensing](http://hpe.com/software/SWlicensing).

<sup>\*\*\*</sup> Except for ComTrade Smart Plug-in for Citrix, ComTrade Smart Plug-in for Documentum, ComTrade Smart Plug-in for Siebel, HP Operations Smart Plug-in for IBM DB2, HP Operations Smart Plug-in for Oracle Tuxedo, HP Operations Smart Plug-in for PeopleSoft, Nastel APWMQ Smart Plug-in and HP Operations Smart Plug-in for Remedy, which all are Class 3.

<sup>\*\*\*\*</sup> 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
<b>Application Instance or ApplInstance</b>	<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> <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>
<b>Clustered Computer</b>	<p>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.</p>
<b>Device or Dev</b>	<p>means an addressable entity, physical or virtual, including but not limited to router, switch, bridge, hub, end user, PC, laptops, handheld device or printer that resides within the range defined for interrogation and asset tracking.</p>
<b>E-LTU and E-Media</b>	<p>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.</p>
<b>HP Operations Agent</b>	<p>means the software component of HP Operations Manager that is installed on managed nodes. The HP 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 HP Operations Manager Management Server.</p>

TERM	DEFINITION
<b>HP Operations Manager Management Server</b>	means the software component of HP Operations Manager that constitutes the central entity, where all messages from the HP Operations Agent and other monitoring tools are received, processed, stored and forwarded to the operator GUIs, and where HP Operations Agent configuration is maintained, stored, assigned and distributed.
<b>HP Operations Smart Plugins (SPIs)</b>	means the software add-on components to the HP Operations Manager that manage specific business applications, e-commerce platforms, messaging services, databases and internet infrastructure. They extend the management capabilities of HP Operations Manager to the application management domain by reporting on discovery, alarms and events.
<b>Hypervisor</b>	means Operating System Instance which allows multiple Virtual Machines to share physical hardware resources
<b>Instance</b>	means each implementation of the application installed on a Server.
<b>Internal Use</b>	means access and Use of the software for purposes of supporting your internal operations.
<b>LTU</b>	means License To Use.
<b>HP OMi Management Pack or HP Operations Bridge Management Pack</b>	means the software add-on components to the HP Operations Manager i (OMi) that manage specific business applications, e-commerce platforms, messaging services, databases and internet infrastructure. They extend the management capabilities of HP OMi to the application management domain by reporting on discovery, alarms and events.
<b>Managed Nodes</b>	means the OM Nodes that have an HP Operations Agent installed.
<b>Management Server Node</b>	means the HP Operations Agent running on the management server Instance.
<b>Monitored Node</b>	means infrastructure OM Nodes that do not have an HP 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.
<b>MP</b>	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.
<b>Node</b>	means a type of Node as further defined in the Software specific terms below.
<b>Non-Production Development/Test System or NP DV</b>	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.
<b>Non-Production Failover System or NP FO</b>	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 HP OM/OMi Target Connector, a Non-Production Failover System is setup to be monitored by a HP Operations Manager software product, but is not actually being monitored until it becomes a production system.
<b>OM Cold Standby System</b>	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.
<b>OM Node</b>	means the equivalent of one OS Instance or ten Devices in a network.
<b>Operating System Instance or OS Instance</b>	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.
<b>Operations Bridge Node</b>	means the equivalent of one OS Instance or ten Devices in a network.
<b>Points</b>	means the numerical tracking system representing the total number of metrics you are authorized to execute.
<b>Production System</b>	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 HP OM/OMi Target Connector, a Production System is setup to be monitored by HP Operations Manager software product and is actually being monitored.
<b>QP</b>	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.
<b>Real Time</b>	means the ability to update performance data when it occurs versus waiting for it to be collected, stored and then presented.
<b>Server or Svr</b>	means any designated computer system in which an Instance or Instances of the software is installed.

TERM	DEFINITION
<b>Solution Template</b>	means a set of HP SiteScope monitor configurations with predefined thresholds for a given technology. Solution Templates may include a password-protected best practices document.
<b>Suite</b>	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.
<b>Target Connectors</b>	means the software product required for inclusion of a multiple-purpose Monitored Node in the monitored environment of the software product.
<b>Term License to Use or Term LTU</b>	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.
<b>Term Support</b>	means a fixed period support offering that is only valid during the time period of the associated Term LTU.
<b>Transaction or Txn</b>	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).
<b>URL</b>	means the Uniform Resource Locator ("URL") for the page or file to be monitored.
<b>Virtual Machine(s) or VM(s)</b>	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.

### HP GlancePlus

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

### HP GlancePlus Pak

HP GlancePlus Pak is licensed by Tier and by Device. HP GlancePlus Pak is a combination of HP GlancePlus and HP Performance Agent. For more information about the Tier levels, check the HP Operations Tier Matrix on Software Support Online at [hpe.com/software/support](http://hpe.com/software/support), available along with the product manuals for HP GlancePlus Pak. The original licensed Tier is based on the Device at the time of purchase. Once an HP 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 HP 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 HP GlancePlus Pak license and that the Device was of an equal or lower Tier to the license originally deployed.

### HP Operations Bridge Express Edition Management Pack

HP 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.

### HP Operations Bridge Management Pack

HP 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.

### HP Operations Bridge System Collector Add-on

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

### **HP Operations Bridge System Collector Express Edition Add-on**

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

### **HP Operations Bridge System Collector SLM Add-on**

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

### **HP Operations Bridge System Collector SLM SHA Add-on**

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

### **HP Operations Bridge Topology Based Event Correlation Add-on**

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

### **HP Operations Manager**

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

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

Additional licenses are required for:

- **Managed Nodes:** Any additional node managed by the HP Operations Manager management server requires an additional HP Operations OS Instance license which entitles the use of HP Operations Agent and HP Performance Agent on this OS Instance. In case this node is a single dedicated end-user desktop with no server functions, an HP Operations OS Instance Desktop license is required for each OS Instance entitling the use of HP Operations Agent and HP Performance Agent.
- **Monitored Nodes:** Additional HP OM/OMi Target Connector licenses are required for each multiple-purpose device that is being monitored using HP 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 HP 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 HP monitoring software, for example: HP SiteScope, HP Internet Services, HP Storage Essentials, HP 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 HP 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 HP Operations Manager Management Server LTU entitles you to a license each for HP Reporter and HP Performance Manager. The HP Reporter license allows you to install HP Reporter locally on the management server or remotely on another system. A remote installation is recommended to balance the available resources. HP Performance Manager has to be installed locally on the Operations Manager Management Server.

## HP Operations Manager i

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

HP Operations Manager i Event Management Foundation, HP Operations Manager i Topology Based Event Correlation, and HP 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 HP Operations Manager i or the HP Operations Manager Management Server reporting to HP Operations Manager i software requires an additional HP Operations OS Instance license.
- Monitored Nodes: Additional HP Operations Manager HP Operations Manager i Target Connector licenses are required for each multiple-purpose device that is being monitored using HP 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 HP 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 HP monitoring software, for example: HP SiteScope, HP Internet Services, HP Storage Essentials, HP 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).
- HP Operations Bridge Management Pack: Additional licenses are required for the installation and use of HP Operations Bridge Management Pack.
- HP OMi Management Pack: Additional licenses are required for the installation and use of HP OMi Management Pack. The HP OMi Management Pack is available in two editions – Standard and Advanced.

## HP Operations OS Instance Advanced

Includes a single license for HP Operations OS Instance and HP SiteScope system monitoring for a single OS Instance. Customers using HP 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, HP NonStop Resources, HP NonStop Event Log, Ping, Port, DHCP.

**HP Operations OS Instance Performance**

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

**HP Operations OS Instance Real Time Add-on**

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

**HP Operations SPI Instance Advanced**

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

**HP Operations Manager i Management Pack**

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

**HP Performance Manager**

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

**HP Reporter**

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

**HP Virtualization Performance Viewer**

HP Virtualization Performance Viewer is a real-time diagnostics tool for visualizing virtualized infrastructures and quickly troubleshooting performance issues and bottlenecks. HP Virtualization Performance Viewer is licensed by the total number of OS Instances being monitored, including both Hypervisor and Virtual Machines. HP Virtualization Performance Viewer is available as a Community, Express, and Premium Editions. The Express Edition license provides additional scalability and capacity over the Community Edition. The Premium Edition license provides additional functionality over the Express Edition.

## HP Operations Bridge and HP Operations Manager Suite offerings

SUITE	OFFERING INCLUDES
<b>HP Operations Bridge Express Edition Suite – 5 Pack</b>	<ul style="list-style-type: none"> <li>• 1 HP 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 HP Operations Bridge Express Edition Suite implementation</li> <li>• 1 HP Monitoring Automation for Composite Applications 5 Pack Operations Bridge Nodes</li> </ul>
<b>HP Operations Bridge Express Edition Suite – 50 Pack</b>	<ul style="list-style-type: none"> <li>• 1 HP 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 HP Operations Bridge Express Edition Suite implementation</li> <li>• 1 HP Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes</li> </ul>
<b>HP Operations Bridge Premium Edition Suite – 50 Pack</b>	<ul style="list-style-type: none"> <li>• 1 HP Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes</li> <li>• 1 HP Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes</li> <li>• 1 HPE Operations Bridge Reporter (previously called HP Service Health Reporter) Standard 50 Pack Operations Bridge Nodes</li> </ul>
<b>HP Operations Bridge Ultimate Edition Suite – 50 Pack</b>	<ul style="list-style-type: none"> <li>• 1 HP Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes</li> <li>• 1 HP Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes</li> <li>• 1 HPE Operations Bridge Reporter (previously called HP Service Health Reporter) Advanced 50 Pack Operations Bridge Nodes</li> <li>• 1 HP Service Health Analyzer 50 Pack Operations Bridge Nodes</li> <li>• 1 HP Operations Analytics Express Edition (previously called HP Operations Log Intelligence) 50 Pack Operations Bridge Nodes</li> <li>• 1 HP Operations Orchestration 50 Pack Operations Bridge Nodes</li> <li>• 1 HP Operations Bridge Topology Based Event Correlation Add-on 50 Pack Operations Bridge Nodes</li> </ul>
<b>HP Operations Bridge Ultimate Edition Suite version 2 – 50 Pack</b>	<ul style="list-style-type: none"> <li>• 1 HP Operations Manager i Event Management Foundation 50 Pack Operations Bridge Nodes</li> <li>• 1 HP Monitoring Automation for Composite Applications 50 Pack Operations Bridge Nodes</li> <li>• 1 HPE Operations Bridge Reporter (previously called HP Service Health Reporter) Advanced 50 Pack Operations Bridge Nodes</li> <li>• 1 HP Operations Orchestration 50 Pack Operations Bridge Nodes</li> <li>• 1 HP Operations Bridge Topology Based Event Correlation Add-on 50 Pack Operations Bridge Nodes</li> <li>• 1 HP Operations Analytics Ultimate Edition 50 Pack Operations Bridge Nodes</li> </ul>
<b>HP Operations Manager for Linux Basic Suite</b>	<ul style="list-style-type: none"> <li>• 1 HP Operations Manager for Linux Management Server LTU</li> <li>• 20 HP Operations OS Instance Advanced LTU</li> <li>• 1 HP Operations Smart Plug-in Oracle database Instance Advanced LTU</li> <li>• 1 HP Operations Smart Plug-in SQL Server Instance Advanced LTU</li> <li>• 1 HP Operations Smart Plug-in Active Directory Instance Advanced LTU</li> <li>• 1 HP Operations Smart Plug-in Exchange Server Instance Advanced LTU</li> </ul>
<b>HP Operations Manager for Windows Basic Suite</b>	<ul style="list-style-type: none"> <li>• 1 HP Operations Manager for Windows Management Server LTU</li> <li>• 20 HP Operations OS Instance Advanced LTU</li> <li>• 1 HP Operations Smart Plug-in Oracle database Instance Advanced LTU</li> <li>• 1 HP Operations Smart Plug-in SQL Server Instance Advanced LTU</li> <li>• 1 HP Operations Smart Plug-in Active Directory Instance Advanced LTU</li> <li>• 1 HP Operations Smart Plug-in Exchange Server Instance Advanced LTU</li> </ul>





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5200-0569, December 14, 2015; replaces 5012-3833 (November 2015)

