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# Additional License Authorizations

For Operations Bridge and Analytics software products

## Additional License Authorizations

For Operations Bridge and Analytics 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) |
|---|-----------------------------|--|---|
| BAC Application Management 360 (previously called HPE BAC Application Management 360)   | Yes                         | Class 1  | Class 3   |
| BAC Application Management 360 with SLM (previously called HPE BAC Application Management 360 with SLM)   | Yes                         | Class 1  | Class 3   |
| BSM Application Performance Management 360 (previously called HPE BSM Application Performance Management 360)                                       | Yes                         | Class 1  | Class 3   |
| BSM Application Performance Management 360 Advanced (previously called HPE BSM Application Performance Management 360 Advanced)                     | Yes                         | Class 1  | Class 3   |
| BSM Diagnostics, BAC Diagnostics (previously called HPE BSM Diagnostics, HPE BAC Diagnostics)   | Yes                         | Class 1  | Class 3   |
| Business Process Monitor (previously called HPE Business Process Monitor)   | Yes                         | Class 1  | Class 3   |
| Business Process Monitor Premium Edition (previously called HPE Business Process Monitor Premium Edition)   | Yes                         | Class 1  | Class 3   |
| Business Process Monitor Ultimate Edition (previously called HPE Business Process Monitor Ultimate Edition)   | Yes                         | Class 1  | Class 3   |
| Business Service Level Management (previously called HPE Business Service Level Management)   | Yes                         | Class 1  | Class 3   |
| 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   |
| Diagnostics Premium Edition (previously called HPE Diagnostics Premium Edition)   | Yes                         | Class 1  | Class 3   |
| Diagnostics Ultimate Edition (previously called HPE Diagnostics Ultimate Edition)   | Yes                         | Class 1  | Class 3   |
| End User Management (previously called HPE End User Management)   | 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   |

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|---|-----------------------------|--|---|
| 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   |
| Real User Monitor (previously called HPE Real User Monitor)   | Yes                         | Class 1  | Class 3   |
| Real User Monitor Premium Edition (previously called HPE Real User Monitor Premium Edition)   | Yes                         | Class 1  | Class 3   |
| Real User Monitor Ultimate Edition (previously called HPE Real User Monitor Ultimate Edition)   | Yes                         | Class 1  | Class 3   |
| Reporter (previously called HPE Reporter)   | Yes                         | Class 2  | Class 3   |
| Service Health Analyzer (previously called HPE Service Health Analyzer)   | Yes                         | Class 1  | Class 3   |
| SiteScope (previously called HPE SiteScope)   | Yes                         | Class 1  | Class 3   |
| SiteScope Premium Edition (previously called HPE SiteScope Premium Edition)   | Yes                         | Class 1  | Class 3   |
| SiteScope Ultimate Edition (previously called HPE SiteScope Ultimate Edition)   | Yes                         | Class 1  | Class 3   |
| System Availability Management (previously called HPE System Availability Management)   | Yes                         | Class 1  | Class 3   |

Operations software products are also sold in various combinations.

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For Operations Bridge and Analytics software products

| 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 Express Edition 1 Unit Software   | 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 Premium Edition 1 Unit Software   | 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 Bridge Ultimate Edition 1 Unit Software  | 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> <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> </ul> |

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| Term                                  | Definition  |
|---------------------------------------|---|
|                                       | <ul style="list-style-type: none"><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> |
| Application Monitor                   | Means any discrete physical Instance of the monitored application, whether on the same or separate servers within your infrastructure.  |
| Application Server                    | Means software that executes business or application logic that is made available to a web server for processing requests. Application Servers are typically J2EE application servers or .NET application servers.  |
| BPM Targets                           | Means a script running on a given host that is used for monitoring an application. There can be more than one transaction timer in a BPM Target.  |
| BPM Transaction                       | Means monitored start and stop point step in a script that is used for calculating performance and availability.  |
| Bundle or Bdl                         | Means an offering which includes a Term LTU, Term Support and SaaS.   |
| Business Process                      | Means the business workflow required to achieve a particular task or goal.  |
| 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.   |
| Cold Standby System                   | Means a standby non-production system which is NOT up and running. If the production system breaks down or needs to be brought out of service, you are required to switch on and start the Cold System Standby in order to take over for the production system.   |
| Configuration Item or CI              | Means a physical, logical or conceptual entity that is part of the environment, has configurable attributes, and is important to the business.  |
| CPU                                   | Means a system that contains a single central processing unit with a single integrated circuit package with a single discrete processing core.  |
| 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.  |
| Development and Test Systems          | Means a non-production system to be used only for a) developing your add-on applications in order to access the licensed software b) migration testing c) pre-production staging or (d) version   |

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| Term                            | Definition   |
|---------------------------------|--|
|                                 | upgrades/configuration and transition purposes for Micro Focus testing products such as Quality Center, Functional Testing, ServiceTest, LoadRunner and Performance Center (including Diagnostics module).   |
| 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.   |
| Diagnostics Collectors          | Means an agent which monitors application components which are not part of the Application Server. Such components include, but are not limited to SAP ABAP servers, Databases, VMware vCenter, IBM WebSphere MQ, etc.   |
| 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.  |
| Enterprise Application Monitors | Means SiteScope monitors which require an additional license and are not available in the SiteScope product.   |
| Fail or Failover                | Means a backup operation that automatically switches the functions of a primary system to a standby server if the primary system fails or is temporarily taken out of service.   |
| Foundation                      | Means a single Instance of the core or primary components of a software application which enable its basic functionality, and without which the additional modules available for the application are unable to operate. Foundation software may be installed on one or multiple servers, depending on the specific architecture required to enable the functioning of the single Instance. |
| Hot Standby System              | Means a non-production system which is up and running, ready to take over from the production system if the production system breaks down or needs to be taken out of service.   |
| Hypervisor                      | Means Operating System Instance which allows multiple Virtual Machines to share physical hardware resources  |
| Implementation                  | Means an installation of the software on a single Server or installed on a cluster of Servers which work together as a single installation of the software.  |
| 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.  |
| Location                        | Means an end-point where a BPM Transaction can be run from. The same BPM Transaction is often run from multiple locations such as different city or country office locations.  |
| Logfiles or Logs                | Means a file that records either events or messages that occur in an operating system or other software.   |
| LTU                             | Means License To Use.  |
| 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 CPU                   | Means a CPU operating on your network that is monitored by software.   |
| 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.  |
| Monthly Active Users            | Means the number of users on Devices using an application monitored by Operations Bridge in a given calendar month.  |
| 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.  |
| MSU or Million Service Units    | Is defined as a measurement of the amount of processing work a computer can perform in one hour. MSU is mainly associated with IBM Mainframe computers.  |
| Node                            | Means a type of Node as further defined in the Software specific terms below.  |

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| <b>Term</b>  | <b>Definition</b>  |
|--|--|
| Non-Production or NP                                     | Means internal use which is limited to Use on a Development and Test Systems and Hot and Cold Standby Systems. This NP license requires the previous purchase of the equivalent or greater production licenses. Support for NP licenses is restricted to the period of and current status of the equivalent production license.  |
| 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.   |
| 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.  |
| 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 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 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. |

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| Term  | Definition  |
|---|---|
| Operations Bridge Reporter Node or OBR Node | Means the equivalent of one OS Instance or ten Devices in a network or ten containers.  |
| Operations Bridge Unit                      | Means the equivalent of : 1 Unit for 1 OS Instance or 5 Transactions or 1 Million Page Views or 10 Network Devices or 10 Storage elements from other monitoring tools or 1 Unit for 1 Monitored Node or 2 Units for 1 Managed Node or 4 Units for 1 Management Pack or 1 Unit for 10 Network Devices or 10 Cloud Service Infrastructure Instances or 1 Cloud Service Platform Instances or 10 Containers or 10 services (i.e. URL, ping, port, DNS, FTP, SNMP, SNMP Trap, browsable SNMP, or network bandwidth monitoring) or 1 Unit for 5 Transactions using SiteScope or 1 Unit for 1 Transaction from single location or 5 Units for 1 Transaction from Unlimited locations or 1 Unit for 1 million Page Views using RUM Probe for websites or 2 Units for 1 thousand Monthly Active Users using RUM Probe for mobile or 10 Units for 1 Managed Node using Diagnostics Collectors. |
| Operations Management Node or OM Node       | Means the equivalent of one OS Instance or ten Devices in a network.  |
| 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.   |
| 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.  |
| Page View                                   | Means a user visiting a webpage on website monitored using Operations Bridge.   |
| 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.   |
| RUM Probe                                   | Means a computer running network collection for Real User Monitoring software.  |
| RUM Probe Capacity                          | Is defined as a measurement of the amount of network bandwidth that Real User Monitor can process. RUM Probe Capacity is mainly determined as a factor of RUM Probe CPU, memory, bandwidth, defined RUM Text Pattern Events, Snapshot on Event and protocol type.   |
| RUM Snapshot on Event                       | Is defined as a RUM SPI for Applications configuration item that is used for defining when a HTTP/S page rendering capture is done.   |
| RUM Text Pattern Event                      | Is defined as a RUM SPI for Applications configuration item used for defining the text events to evaluate against HTTP/S network traffic.   |
| SaaS  | Means Software as a Service which is a service which allows access to the software, support and related professional services, as described in an order document, datasheet or a Statement of Work (SOW).   |
| 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 SiteScope monitor configurations with predefined thresholds for a given technology. Solution Templates may include a password-protected best practices document.   |
| Storage Element                             | Means a storage component actively managed inside the Operations Bridge including an entire storage array; a storage controller where multiple interfaces or controller cards are available; a single spindle   |



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| Term                            | Definition   |
|---------------------------------|--|
|                                 | when managing RAID; or storage components actively managed inside Operations Bridge from other storage monitoring tools or storage resource managers.  |
| 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. |
| Target Connectors               | Means the software product required for inclusion of a multiple-purpose Monitored Node in the monitored environment of the software product.   |
| TB                              | Means terabytes which designates the amount of physical capacity that can be managed.  |
| 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).   |
| Unlimited or Unl                | Means without restrictions in terms of number of systems, devices or media, depending on the context.  |
| Unlimited Probes                | Means without restrictions in terms of the number of probes utilized to monitor a single licensed application configured as an application CI within the BSM Run-time Service Model.   |
| Unlimited Transactions          | Means without restrictions in terms of the number of Transactions utilized to monitor a single licensed application configured as an application CI within the BSM Run-time Service Model.   |
| URL                             | Means the Uniform Resource Locator ("URL") for the page or file to be monitored.   |
| Use                             | Means to install, store, load, execute and display one copy of the software.   |
| Virtual Machine(s) or VM(s)     | Means a computer that does not physically exist but is simulated by another computer.  |
| Web Server                      | Means a computer running software that delivers web pages and other documents to browsers using the HTTP protocol.   |

## 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.

In a virtualized environment, Business Availability Center CPU licensing depends upon how the CPUs are allocated. If the virtualized environment is running a shared environment where there is a specified physical limitation on the amount of all the CPU an application can use, then Business Availability Center licensing is based on that limited CPU number. If the virtualized environment is using a shared environment where there are no bounds on the CPUs, then licensing is for all of the CPUs for the system.

### **BSM Application Performance Management 360 (previously called HPE BSM Application Performance Management 360)**

BSM Application Performance Management 360 is licensed by Operating System Instance. BSM Application Performance Management 360 requires a license for each OS Instance which contains an Application Server of the licensed application. BSM Application Performance Management 360 also includes Diagnostics Collectors. BSM Application Performance Management 360 does not require a license for the OS Instances monitored by Diagnostics Collectors unless the number of

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OS Instances monitored by Diagnostics Collectors exceeds the number of licensed OS Instances. You are required to license additional OS Instances if this occurs.

BSM Application Performance Management 360 includes:

- BAC Business Process Monitor Transaction Unlimited Locations with Service Level Monitor (i.e. BAC Business Process Monitor and BAC Service Level Manager) for Unlimited Transactions.
- BAC Real User Monitor for Applications with Service Level Monitor per Probe Instance (i.e. Real User Monitor and Service Level Manager) for Unlimited Probes.
- BSM Diagnostics for Composite Application OS Instance for the number of licensed BSM Application Performance Management 360 OS Instances.
- BSM Service Level Management for Diagnostics OS Instance for the number of licensed BSM Application Performance 360 OS Instances.

### **BSM Application Performance Management 360 Advanced (previously called HPE BSM Application Performance Management 360 Advanced)**

BSM Application Performance Management 360 Advanced is licensed by Operating System Instance. BSM Application Performance Management 360 Advanced requires a license for each OS Instance which contains an Application Server of the licensed application. BSM Application Performance Management 360 Advanced also includes Diagnostics Collectors. BSM Application Performance Management 360 Advanced does not require a license for the OS Instances monitored by Diagnostics Collectors unless the number of OS Instances monitored by Diagnostics Collectors exceeds the number of licensed OS Instances. You are required to license additional OS Instances if this occurs.

BSM Application Performance Management 360 Advanced includes:

- BAC Business Process Monitor Transaction Unlimited Locations with Service Level Monitor (i.e. BAC Business Process Monitor and BAC Service Level Manager) for Unlimited Transactions.
- BAC Real User Monitor for Applications with Service Level Monitor per Probe instance (i.e. Real User Monitor and Service Level Manager) for Unlimited Probes.
- Unlimited Use of Service Health Analyzer for the licensed application (i.e. an application configured as an application CI within the BSM Run-time Service Model).
- BSM Diagnostics for Composite Application OS Instance for the number of licensed Application Performance Management 360 Advanced OS Instances.
- BSM Service Level Management for Diagnostics OS Instance for the number of licensed Application Performance Management 360 Advanced OS Instances.
- 15 SiteScope Points per licensed Application Performance Management 360 Advanced OS Instance.

### **BAC Application Management 360 with Service Level Management (previously called HPE BAC Application Management 360 with Service Level Management)**

BAC Application Management 360 with Service Level Management is licensed by Application Instances. BAC Application Management 360 with Service Level Management requires license for each monitored Application Instance which contains an Application Server of the licensed application. BAC Application Management 360 with Service Level Management also includes Diagnostics Collectors. BAC Application Management 360 with Service Level Management does not require a license for the Application Instances monitored by Diagnostics Collectors unless the number of Application Instances monitored by Diagnostic Collectors exceeds the number of licensed Application Instances. You are required to license additional Application Instances if this occurs.

- There is a minimum license quantity of 5 Application Instances per licensed application (i.e. an application that is a configured application CI within the BSM Run-time Service Model)

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- This license is limited for J2EE and .NET applications only, and should not be applied to SAP, Siebel, MS Exchange, etc...

BAC Application Management 360 with Service Level Management includes:

- BAC Business Process Monitor Transaction Unlimited Locations Advanced with Service Level Management (i.e. BAC Business Process Monitor and BAC Service Level Manager) for Unlimited Transactions
- BAC Real User Monitor for Applications Advanced with Service Level Management (i.e. Real User Monitor and Service Level Manager) for the Unlimited Probes
- BAC Diagnostics for Composite Application Instance for the number of licensed BAC Application Management 360 with SLM Application Instances
- BAC Service Level Management for Diagnostics SW for the number of licensed BAC Application Management 360 with SLM Application Instances

### **BAC Application Management 360 (previously called HPE BAC Application Management 360)**

BAC Application Management 360 is licensed by Application Instance. BAC Application Management 360 requires license for each monitored Application Instance which contains an Application Server of the licensed application. BAC Application Management 360 also includes Diagnostics Collectors. BAC Application Management 360 does not require a license for the Application Instances monitored by Diagnostics Collectors unless the number of Application Instances monitored by Diagnostic Collectors exceeds the number of licensed Application Instances. You are required to license additional Application Instances if this occurs.

- There is a minimum license quantity of 4 Application Instances per licensed application (i.e. an application that is a configured application CI within the BSM Run-time Service Model).
- This license is limited for J2EE and .NET applications only, and should not be applied to SAP, Siebel, MS Exchange, etc...

BAC Application Management 360 includes:

- BAC Business Process Monitor Transaction with Unlimited Locations Advanced (i.e. BAC Business Process Monitor, BAC Service Level Manager and BAC Problem Isolation) for Unlimited Transactions.
- BAC Real User Monitor for Applications Advanced (i.e. Real User Monitor, Service Level Manager and BAC Problem Isolation SW) for Unlimited Probes.
- BAC Diagnostics for Composite Application Instance for the number of licensed BAC Application Management 360 Application Instances.
- BAC Service Level Management for Diagnostics SW for the number of licensed BAC Application Management 360 Application Instances.

### **BSM Diagnostics (previously called HPE BSM Diagnostics)**

BSM Diagnostics for Composite Applications OS Instance software is licensed by Operating System Instance and is only licensed to customers who purchased such licenses prior to December 1, 2013. BSM Diagnostics requires one license for each OS Instance which contains an Application Server. BSM Diagnostics also includes Diagnostics Collectors. BSM Diagnostics does not require a license for the OS Instances monitored by Diagnostics Collectors unless the number of OS Instances monitored by Diagnostic Collectors exceeds the number of licensed OS Instances. You are required to license additional OS Instances if this occurs.

### **BAC Diagnostics (previously called HPE BAC Diagnostics)**

BAC Diagnostics for Composite Application Instance software is licensed by Application Instance and is only licensed to customers who purchased such licenses prior to September 1, 2012. BSM Diagnostics requires one license for each

## **Additional License Authorizations**

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Application Instance of an Application Server. BAC Diagnostics also includes Diagnostics Collectors. BAC Diagnostics does not require a license for the Application Instances monitored by Diagnostics Collectors unless the number of Application Instances monitored by Diagnostic Collectors exceeds the number of licensed Application Instances. You are required to license additional Application Instances if this occurs.

### **BSM Service Level Management for Diagnostics (previously called HPE BSM Service Level Management for Diagnostics)**

BSM Service Level Management for Diagnostics OS Instance is licensed by Operating System Instance. BSM Service Level Management for Diagnostics Operating System Instance requires one license for each OS Instance which contains an Application Server. BSM Service Level Management for Diagnostics Operating System Instance does not require a license for monitoring the OS Instances monitored by Diagnostics Collectors unless the number of OS Instances monitored by Diagnostics Collectors exceeds the number of licensed OS Instances. You are required to license additional OS Instances if this occurs.

### **BAC Service Level Management for Diagnostics (previously called HPE BAC Service Level Management for Diagnostics)**

BAC Service Level Management for Diagnostics Application Instance is licensed by Application Instance. BAC Service Level Management for Diagnostics Application Instance does not require a license for monitoring the Application Instances monitored by Diagnostics Collectors unless the number of Application Instances monitored by Diagnostic Collectors exceeds the number of licensed Application Instances. You are required to license additional Application Instances if this occurs.

### **BSM Service Level Management for TransactionVision (previously called HPE BSM Service Level Management for TransactionVision)**

BSM Service Level Management for TransactionVision is licensed by Operating System Instance. BSM TransactionVision requires one license for each OS Instance which contains Application Server. Additionally, BSM TransactionVision requires one for each OS Instance which contains the following monitored components:

- Each OS Instance containing application components monitored by WMQ Agents
- Each OS Instance of a DataPower appliance where a domain is being monitored by the DataPower Agent
- Each OS Instance containing a Tuxedo Server monitored by the Tuxedo Agent
- Each OS Instance where TMF is being monitored by the NonStop TMF Agent
- Each z/OS CICS Region
- Each z/OS WMQ Queue Manager
- Each z/OS IMS Region
- Each OS Instance running application components monitored by custom developed agents which generate TV user events or utilize the TV Generic Event API to generate TV events

### **BAC Service Level Management for TransactionVision (previously called HPE BAC Service Level Management for TransactionVision)**

BAC Service Level Management for TransactionVision Application Instance is licensed by Application Instance.

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### **Business Process Monitor, Business Process Monitor Premium Edition, Business Process Monitor Ultimate Edition (previously called HPE Business Process Monitor, HPE Business Process Monitor Premium Edition, HPE Business Process Monitor Ultimate Edition)**

Business Process Monitor, Business Process Monitor Premium Edition and Business Process Monitor Ultimate Edition are licensed by Transaction.

The Transaction Unlimited Locations license does not limit the number of BPM Locations the Transaction can be monitored from. The Transaction Single Locations license does limit the number of BPM Locations a BPM Transaction can be monitored to one BPM Location per Business Process Monitor Single Transaction Location license.

As of December 2013, Business Process Monitor is offered in the following editions:

- Premium Edition – includes one Transaction for either a single Location or for Unlimited Locations.
- Ultimate Edition – includes one Transaction, Service Level Management for Business Process Monitor and limited Service Health Analyzer for Business Process Monitor. Limited Service Health Analyzer for Business Process Monitor provides access to Service Health Analyzer functionality for Business process Monitor data only.

The Business Process Monitor Transaction Unlimited Locations Advanced component is only licensed to customers who purchased such licenses prior to December 1, 2013 and includes one license for Business Process Monitor Transaction Unlimited Locations, one Service Level Management for Business Process Monitor Unlimited Locations and one Problem Isolation for Business Process Monitor for Unlimited Locations.

The Business Process Monitor Transaction Unlimited Locations Advanced with Service Level Management component is only licensed to customers who purchased such licenses prior to December 1, 2013 and includes one license for Business Process Monitor Transaction Unlimited Locations and one Service Level Management for Business Process Monitor Unlimited Locations.

As of July 2019, every Transaction from a single Location requires 1 Operations Bridge Premium / Ultimate Unit License and every Transaction from Unlimited Locations requires 5 Operations Bridge Premium / Ultimate Unit Licenses

### **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.

As of July 2019, Cloud Optimizer is licensed as a part of the Operations Bridge Premium / Ultimate Unit. Operations Bridge Premium Unit includes the monitoring only capability of Cloud Optimizer and Operations Bridge Ultimate includes the optimization capability of Cloud Optimizer.

### **Diagnostics Premium Edition and Diagnostics Ultimate Edition (previously called HPE Diagnostics Premium Edition and HPE Diagnostics Ultimate Edition)**

Diagnostics is licensed by Operating System Instance. Diagnostics requires one license for each OS Instance which contains an Application Server. Diagnostics also includes Diagnostics Collectors. Diagnostics does not require a license for the OS

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Instances monitored by Diagnostics Collectors unless the number of OS Instances monitored by Diagnostic Collectors exceeds the number of licensed OS Instances. You are required to license additional OS Instances if this occurs.

As of December 2013, Diagnostics is offered in the following editions:

- Premium Edition – includes one OS Instance.
- Ultimate Edition – includes one OS Instance, Service Level Management for Diagnostics and limited Service Health Analyzer for Diagnostics. Limited Service Health Analyzer for Diagnostics provides access to Service Health Analyzer functionality for Diagnostics data only.

As of July 2019, Diagnostics is licensed as a part of the Operations Bridge Premium / Ultimate Units. Every OS Instance for Diagnostics requires 10 Operations Bridge Premium / Ultimate Unit Licenses.

### 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](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.

As of July 2019, Business Value Dashboard entitlement is included as a part of the Operations Bridge Premium / Ultimate Units.

### 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.

Operations Bridge Express Edition Management Pack can only be used with Operations Bridge Express Edition v1.

## **Additional License Authorizations**

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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.

As of July 2019, Operations Bridge Management Pack capability is licensed as a part of the Operations Bridge Premium / Ultimate Units. Every OS Instance for monitoring any of the supported application domains requires 4 Operations Bridge Premium / Ultimate Unit Licenses. 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.

As of July 2019, Operations Bridge Reporter entitlement is included as a part of the Operations Bridge Premium / Ultimate Units.

### **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.

As of July 2019, Operations Bridge System Collector capability is licensed as a part of the Operations Bridge Premium / Ultimate Units. Every OS Instance requires 2 Operations Bridge Premium / Ultimate Unit Licenses. SiteScope is licensed independently.

### **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.



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As of July 2019, Operations Bridge System Collector capability is licensed as a part of the Operations Bridge Premium / Ultimate Units. Every OS Instance requires 2 Operations Bridge Premium / Ultimate Unit Licenses. SiteScope is licensed independently.

### **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.

Operations Bridge System Collector Express Edition Add-On can only be used with Operations Bridge Express Edition v1.

### **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.

As of July 2019, Operations Bridge Topology Based Event Correlation entitlement is included as a part of the Operations Bridge Premium / Ultimate Units.

### **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.



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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.
  - 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.

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- **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.
- 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.

As of July 2019, Operations Manager i (also called Operations Bridge Manager) entitlement is included as a part of the Operations Bridge Premium / Ultimate Units.

### 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

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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 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.

### **Real User Monitor, Real User Monitor Premium Edition, Real User Monitor Ultimate Edition (previously called HPE Real User Monitor, HPE Real User Monitor Premium Edition, HPE Real User Monitor Ultimate Edition)**

Real User Monitor, Real User Monitor Premium Edition and Real User Monitor Ultimate Edition are licensed by Probe. The RUM Probe includes basic TCP/IP monitoring capabilities. This probe is designed for a system with 2 CPUs with 2 cores each, and 4 gigabytes of RAM. The maximum capacity for this probe is 800 megabits per second of TCP traffic. The configured capacity for the Real User Monitor SPI for Applications monitoring HTTP using a RUM Probe, with 10 RUM Text Pattern Events and RUM Snapshot on Event configured is 55 megabits per second. For HTTP/S with the same configuration 45 megabits per second is the expected maximum capacity limit. Real User Monitor SPI for Applications requires a Real User Monitor Probe license for each Real User Monitor SPI for Applications. The capacity of the Real User Monitor SPI for Applications is limited by the type of Real User Monitor Probe used with the selected Real User Monitor SPI for Applications user defined configuration.

As of December 2013, Real User Monitor is offered in the following editions:

- Premium Edition – includes one Probe and Real User Monitor SPI for Applications.
- Ultimate Edition – includes one Probe, Real User Monitor SPI for Applications Service Level Management for Real User Monitor and limited Service Health Analyzer for Real User Monitor. Limited Service Health Analyzer for Real User Monitor provides access to Service Health analyzer functionality for Real user Monitor data only.

Real User Monitor Applications Advanced is only licensed to customers who purchased such licenses prior to December 1, 2013 and includes one license each for Real User Monitor Probe, Real User Monitor SPI for Applications, Service Level Management for Real User Monitor SPI for Applications, and Problem Isolation for Real User Monitor SPI for Applications.

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Real User Monitor Applications Advanced with Service Level Management is only licensed to customers who purchased such licenses prior to December 1, 2013 and includes one license each for Real User Monitor Probe, Real User Monitor SPI for Applications and Service Level Management for Real User Monitor SPI for Applications.

As of July 2019, Real User Monitor capability is licensed as a part of the Operations Bridge Premium / Ultimate Units. 1 million Page Views per month for website monitoring requires 1 Operations Bridge Premium / Ultimate Unit Licenses. 1000 Monthly Active Users for mobile monitoring requires 1 Operations Bridge Premium / Ultimate Unit Licenses.

### Reporter (previously called HPE Reporter)

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

### Service Health Analyzer (previously called HPE Service Health Analyzer)

Service Health Analyzer is licensed by Operations Management Node.

### SiteScope, SiteScope Premium Edition and SiteScope Ultimate Edition (previously called HPE SiteScope, HPE SiteScope Premium Edition and HPE SiteScope Ultimate Edition)

SiteScope Points license is limited to use on one SiteScope server only. SiteScope licensed for load testing purposes shall be used only for the testing function originally licensed. You must have a separate license in order to use SiteScope for production monitoring. SiteScope Enterprise Application Monitors and Solution Templates can be used on multiple SiteScope servers when located in the same physical site. Enterprise Application Monitors include the following optional monitors: Com+, Web Script, WebSphere. MQ and EMS. Enterprise Application Monitors and Solution Templates do consume SiteScope Points but do NOT include SiteScope licenses. You must have a separate license for SiteScope.

Integration monitors (also known as EMS monitors) are an exception and do NOT consume SiteScope Points but rather require licensing of BAC- SAM Upg/EMS Point for each configuration item (CI) which is reported to BAC via the monitors. Operations Manager and Service Manager Integration monitors do not require “BAC- SAM Upg/EMS” Points.

SiteScope Premium Edition and SiteScope Ultimate Edition are licensed by Operating System Instance, URL, and Transaction. Licenses for these editions cannot be mixed within a single Instance of SiteScope.

As of November 2014, SiteScope is offered in the following editions:

#### Premium Edition

- Operating System Instance license includes System Availability Management, all SiteScope Solution Templates, and SiteScope Application Monitors for COM+ and WebSphere MQ.
- URL license includes monitors of the following type: URL, URL Content, URL List, URL Sequence, Web Service, Link Check, XML Metrics, where each URL or URL step is counted as a single unit.
- Transaction license includes the SiteScope WebScript Application Monitor (note: as with previous versions of SiteScope, SiteScope WebScript Application Monitor metrics cannot be integrated with Business Service Management).

#### Ultimate Edition

- Operating System Instance license includes all components of SiteScope Premium Edition plus Service Level Management for System Availability Management and limited Service Health Analyzer for System Availability Management. Limited Service Health Analyzer for System Availability Management provides access to Service Health Analyzer functionality for System Availability Management data only.
- URL license includes all components of the SiteScope Premium Edition plus Service Level Management for System Availability Management and limited Service Health Analyzer for System Availability Management. Limited Service Health Analyzer for System Availability Management provides access to Service Health Analyzer functionality for System Availability Management data only.

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As of July 2019, SiteScope is licensed as a part of the Operations Bridge Express or Premium or Ultimate Units.

- 1 OS Instance of the Monitored Node requires 1 Operations Bridge Express or Premium or Ultimate Unit License.
- 5 Transactions monitored using SiteScope require 1 Operations Bridge Express or Premium or Ultimate Unit License.
- 10 services (i.e. URL, ping, port, DNS, FTP, SNMP, SNMP Trap, browsable SNMP, or network bandwidth monitoring) require 1 Operations Bridge Express or Premium or Ultimate Unit License.

## 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 Analytics 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>  |
| Operations Bridge Express Edition 1 Unit Software    | <p>Operations Bridge Express Edition Unit Software includes the following capabilities and is licensed by Operations Bridge Unit:</p> <ul style="list-style-type: none"><li>▪ Includes all SiteScope Solution Templates, and SiteScope Application Monitors for COM+ and WebSphere MQ.</li><li>▪ Includes monitors of the following type: URL, URL Content, URL List, URL Sequence, Web Service, Link Check, XML Metrics</li><li>▪ URL and Webscript Transaction monitoring</li></ul> |

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For Operations Bridge and Analytics software products

| Suite  | Offering includes   |
|--|---|
| 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 Premium Edition 1 Unit Software  | <p>Operations Bridge Premium Edition Unit Software includes the following capabilities and is licensed by Operations Bridge Unit</p> <ul style="list-style-type: none"> <li>▪ Includes all SiteScope Solution Templates, and SiteScope Application Monitors for COM+ and WebSphere MQ.</li> <li>▪ Includes monitors of the following type: URL, URL Content, URL List, URL Sequence, Web Service, Link Check, XML Metrics</li> <li>▪ URL and Webscript Transaction monitoring</li> <li>▪ Operations OS Instance, Operations OS instance Real-time Add-On for Agent based monitoring</li> <li>▪ Management Pack for Application Monitoring</li> <li>▪ Operations Manager i Event Management Foundation</li> <li>▪ Monitoring Automation for Composite Applications</li> <li>▪ Operations Bridge Reporter (previously called HPE Operations Bridge Reporter and HPE Service Health Reporter) Standard</li> <li>▪ Business Value Dashboard (for Operations Manager i 10.10 and higher)</li> <li>▪ Topology Based Event Correlation</li> <li>▪ Vertica license for 20 TB per customer</li> <li>▪ Business Process Monitor for Synthetic Transaction Monitoring</li> <li>▪ Real User Monitor</li> <li>▪ Diagnostics</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>   |

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| Suite  | Offering includes  |
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| 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>  |
| 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> |

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| Suite  | Offering includes   |
|--|---|
| Operations Bridge Ultimate Edition 1 Unit Software | <p data-bbox="440 296 1430 352">Operations Bridge Ultimate Edition Unit Software includes the following capabilities and is licensed by Operations Bridge Unit</p> <ul style="list-style-type: none"><li data-bbox="440 369 1373 426">▪ Includes all SiteScope Solution Templates, and SiteScope Application Monitors for COM+ and WebSphere MQ.</li><li data-bbox="440 436 1458 493">▪ Includes monitors of the following type: URL, URL Content, URL List, URL Sequence, Web Service, Link Check, XML Metrics</li><li data-bbox="440 504 889 527">▪ URL and Webscript Transaction monitoring</li><li data-bbox="440 537 1390 560">▪ Operations OS Instance, Operations OS instance Real-time Add-On for Agent based monitoring</li><li data-bbox="440 571 915 594">▪ Management Pack for Application Monitoring</li><li data-bbox="440 604 997 627">▪ Operations Manager i Event Management Foundation</li><li data-bbox="440 638 971 661">▪ Monitoring Automation for Composite Applications</li><li data-bbox="440 672 1458 728">▪ Operations Bridge Reporter (previously called HPE Operations Bridge Reporter and HPE Service Health Reporter) Advanced</li><li data-bbox="440 739 1159 762">▪ Business Value Dashboard (for Operations Manager i 10.10 and higher)</li><li data-bbox="440 772 980 795">▪ Operations Bridge Topology Based Event Correlation</li><li data-bbox="440 806 841 829">▪ Vertica license for 20 TB per customer</li><li data-bbox="440 840 1081 863">▪ Business Process Monitor for Synthetic Transaction Monitoring</li><li data-bbox="440 873 646 896">▪ Real User Monitor</li><li data-bbox="440 907 581 930">▪ Diagnostics</li><li data-bbox="440 940 797 963">▪ Cloud Optimizer Premium Edition</li><li data-bbox="440 974 902 997">▪ Operations Bridge Analytics Ultimate Edition</li><li data-bbox="440 1008 1479 1150">▪ Operations Orchestration (limited to be used on a licensed Operations Bridge Units.; 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 data-bbox="440 1161 678 1184">▪ Universal Discovery –<ul style="list-style-type: none"><li data-bbox="472 1194 1474 1337">○ UCMDB versions 10.x or earlier: 1 Universal Discovery for 50 Operations Bridge Units (limited to be used on a licensed Operations Bridge Unit; 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 data-bbox="472 1348 1479 1491">○ UCMDB version 11.x or later: 10 Universal Discovery units per 50 pack Operations Bridge Units (limited to be used on a licensed Operations Bridge Unit; 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 data-bbox="472 1501 1468 1581">○ 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></li></ul> |

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For Operations Bridge and Analytics software products

| Suite   | Offering includes   |
|---|---|
| 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>   |
| Vertica entitlement for Operations Bridge Suite | <ul style="list-style-type: none"><li>Each ITOM Suite includes 20TB of Vertica storage. Storage is measured in Raw Data Size for data stored in Vertica and Licensee is permitted to use with ITOM Suite data and any external data that is used in conjunction with ITOM data for customer insight. An additional Vertica Expansion license is required for additional data capacity. End-customer's third-party tools are permitted to access data stored in Vertica.</li></ul>                             |
| Vertica Expansion Add-on                        | <ul style="list-style-type: none"><li>Each Vertica Expansion Add-on license includes 5TB of Vertica storage and permits ITOM Suite licenses to divide the Add-on aggregate capacity as required within a single ITOM Suite or across multiple ITOM product Suites for a given Vertica cluster. The Vertica Expansion Add-On SKU for Micro Focus ITOM Products is only available for Vertica version 9.1 or higher. End-customer's third-party tools are permitted to access data stored in Vertica.</li></ul> |

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