



# Additional License Authorizations

For HPE Cloud Center and HPE Helion Cloud Suite software products

## Products and suites covered

PRODUCTS	E-LTU OR E-MEDIA AVAILABLE <sup>*</sup>	NON-PRODUCTION USE CATEGORY <sup>**</sup>
HPE Cloud Service Automation (previously called HP Cloud Service Automation)	Yes	Class 1
HP Cloud Service Automation Add-on: Dynamic Workload Management	Yes	Class 3
HPE Codar (previously called HP Codar)	Yes	Class 3
HP Continuous Delivery Automation	Yes	Class 3
HP Continuous Delivery Automation Add-on: for Infrastructure Provisioning	Yes	Class 3
HP Enterprise Maps	Yes	Class 1
HPE Operations Orchestration (previously called HP Operations Orchestration)	Yes	Class 1
HPE Operations Orchestration Content for SAP Process Automation (previously called HP Operations Orchestration Content for SAP Process Automation)	Yes	Class 1
SUITES	E-LTU OR E-MEDIA AVAILABLE <sup>*</sup>	NON-PRODUCTION USE CATEGORY <sup>**</sup>
HPE Cloud and Automation Suite Express Edition (previously called HP Cloud and Automation Suite Express Edition)	Yes	Class 1
HPE Cloud and Automation Suite Premium Edition (previously called HP Cloud and Automation Suite Premium Edition)	Yes	Class 1
HPE Cloud and Automation Suite Ultimate Edition (previously called HP Cloud and Automation Suite Ultimate Edition)	Yes	Class 1
HPE Cloud Orchestration Suite Express Edition	Yes	Class 1 <sup>***</sup>
HPE Cloud Orchestration Suite Premium Edition	Yes	Class 1 <sup>***</sup>
HP CloudSystem Enterprise Starter Suite	Yes	Class 1
HP CloudSystem Enterprise Add-on Platform Applications and Analytics Suite	Yes	Class 1
HPE Helion Cloud Suite Express Edition	Yes	Class 3
HPE Helion Cloud Suite Premium Edition	Yes	Class 3
HPE Helion Cloud Suite Ultimate Edition	Yes	Class 3

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

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

\*\*\* Determined by individual component product's Non-Production classification.

## Definitions

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

TERM	DEFINITION
<b>Administrative User</b>	means a specific individual authorized to execute the workflow.
<b>Agent</b>	means that portion of the software that manages and is required for each physical server, virtual server or container.
<b>Application Model</b>	means software solution designed to help users perform specific tasks. Examples of Application Models include portals, financial management systems, retail POS software, human and customer relationship management software etc. The Application Model can consist of one more individual programs including Databases, Application Servers and the infrastructure on which the platform and application run. Every Application Model can have multiple versions which don't add to the Application Model count.
<b>Application Server</b>	means software that can be deployed standalone or clustered and has the sole purpose of acting as a container that hosts and executes one or more applications. Application Servers are typically J2EE application servers or .Net application servers.
<b>Client</b>	means any application or systems which provide functionality separate from that of the Software while providing for the facility to connect to and interact with the Software.
<b>Cloud Content</b>	means HP IT Executive Scorecard Cloud Content Acceleration Pack (CAP). Cloud CAP provides a set of items (Dashboard pages, Scorecards, Contexts, KPIs, and more) that automatically gathers information from across your cloud deployment to build key performance indicators (KPIs), metrics, pages and show back information related to Cloud provisioning issues.
<b>Concurrent User or CC User</b>	means the software is licensed by the amount of users that simultaneously Use the software at any one point in time. The software can be installed on any number of computers, provided that the actual usage of the software does not exceed the number of licenses purchased.
<b>Connector</b>	means an integration element to a certain software, Device format or function through use of the HP software.
<b>Content Pack</b>	means the pre-packaged programs, utilities and data included with the application.
<b>Core</b>	means the server side component of software. Is typically complemented by an Agent component.
<b>Database</b>	means application data including table structure, stored procedures, and other functionality that runs on a Database Instance.
<b>Database Instance</b>	means a software application that has the sole purpose of acting as a container that hosts and executes one or more Databases <ul style="list-style-type: none"> <li>• For Microsoft SQL Server, Database Instance is one SQL Server Service with its own port, logins and set of system and user Databases.</li> <li>• For an Oracle database, Database Instance is one SID (Oracle system ID) in a database environment, including the RDBMS software, table structure, stored procedures and other functionality. For Oracle RAC, each Instance referencing a database environment is a Database Instance.</li> <li>• For DB2 databases, Database Instance is one DB2 Database Instance as identified by a DB2 Instance with its User, TCP/IP service port on a given system.</li> <li>• For Sybase and Informix Server, Database Instance is one Server (SAP Sybase Adaptive Server) with its own login, Dataserver port and set of system and user Databases.</li> </ul>
<b>Device or Dev</b>	means an addressable entity, physical or virtual, including but not limited to router, switch, bridge, hub, server, PC, laptop, handheld device or printer that resides within the range defined for interrogation and asset tracking.
<b>E-LTU and E-Media</b>	means products which are electronically delivered only, and as such any references 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.
<b>Foundation or Foundation Server</b>	means the server side component of software that is required in order to get an operational Implementation as specified in the software specific license terms below.
<b>Implementation</b>	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.
<b>Instance</b>	means each Implementation of the application installed on a Server.
<b>LTU</b>	means License To Use.
<b>Named User or Nmd User</b>	means a specific individual authorized by you to access the software regardless of whether they are actively using the software.
<b>Node</b>	means a specific Node that is further defined in the Software Specific Terms below.

TERM	DEFINITION
<b>Operating System Instance or OS Inst or OSI</b>	means each implementation of the bootable program that can be installed onto a physical system or a partition, such as system Virtual Machines, virtual environments, virtual private servers, containers, guests and zones within the physical system. A physical system can contain multiple Operating System Instances. A container means a system partition based on software rather than hardware. Guests means a VM system running on a host system where the host runs its own complete OS Instance (as opposed to a hypervisor), like VMware Workstation. Zone means Oracle/Sun Solaris specific nomenclature for a software partition which can run a virtual OS instance including but not limited to Sparse, native, and ipkg.
<b>Points</b>	means the numerical tracking system representing the total number of metrics you are authorized to execute.
<b>SAP Instance</b>	means a standalone SAP basis unit which provides services used by clients connected to the SAP system. Among these services are the message server and the enqueue server, which run only on the single SAP Central Instance.
<b>Server</b>	means any designated computer system in which an Instance or Instances of the software is installed.
<b>Shift User</b>	means a user that has the right to use the product on each of three(3) shifts, It is the equivalent of one(1) shift worker regardless of shift and supports three(3) specific individuals working non-overlapping shifts.
<b>Suite</b>	means two or more software products combined into a single license offering or a single software product which includes two or more licenses. The specific software products included in a Suite are specified in the software specific license terms below. Software products included in a Suite are governed by the individual authorizations and use restrictions associated with each software product, except where specified in the specific Suite software specific license terms below.
<b>Term License to Use or Term LTU</b>	means a software License To Use (LTU) which indicates in its license description that the license is valid for a specific period of time such as One Month (1M) , One Year (1Y) etc. Term LTU's are not perpetual licenses.
<b>Term Support</b>	means a fixed period support offering that is only valid during the time period of the associated Term LTU.
<b>Unlimited or Unl</b>	means without restrictions in terms of number of systems, Devices or media, depending on the context.
<b>User</b>	means a user whose Use is restricted to the type of software that is being licensed.
<b>Virtual Machine(s) or VM(s)</b>	means a computer that does not physically exist but is simulated by another computer.
<b>Workflow Author Named User</b>	means a specific administrator who is authorized to create and edit process automation workflows.

## Software specific license terms

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

### HPE Cloud Service Automation (previously called HP Cloud Service Automation)

HPE Cloud Service Automation is licensed by a pack of 10 Operating System Instances. HP Cloud Service Automation 10 OS Instance pack includes a limited HP Universal CMDB (UCMDB) Foundation license which provides the right to use the UCMDB Server, the Data Flow Probe infrastructure, the UCMDB Admin UI, and the UCMDB Browser only in conjunction with HP Cloud Service Automation. The rights to use Universal Discovery, Configuration Manager, and UCMDB adapters for third-party repositories must be licensed separately.

### HP Cloud Service Automation Add-on: Dynamic Workload Management (previously called HP Cloud Service Automation Dynamic Workload Management and Adaptive Computing Moab for HP Cloud Service Automation)

HP Cloud Service Automation Add-on: Dynamic Workload Management can only be used and integrated with HP Cloud Service Automation and cannot be used as a stand-alone product. The HP Cloud Service Automation Add-on: Dynamic Workload Management Media includes multiple product functionality including Moab Workload Manager, Moab Accounting Manager and Moab Viewpoint Portal. The license for this product entitles Use of and access to the Workload Manager and Accounting Manager functionality. Use of the Moab Viewpoint Portal is restricted to the system administrator functionality only, which includes the ability to create policies and set system configurations. It is not allowed to use the Viewpoint Portal "end-user" user interfaces (menus and reports) including the ability to create and submit service requests. It is only allowed to install and use the HP Cloud Service Automation Add-on: Dynamic Workload Management software as a complete software product and portions might not be used on a standalone basis separate from the complete software product.

### HPE Codar (previously called HP Codar)

HPE Codar is licensed by a pack of 10 Operating System Instances. When HPE Codar is used with HPE Cloud Service Automation, the number of OS Instance licenses must be the same.

## HP Continuous Delivery Automation

Each Instance of HP Continuous Delivery Automation is licensed by Application Model. Any provisioning using HP Continuous Delivery Automation requires HP Continuous Delivery Automation Add-on: for Infrastructure Provisioning license for each OS Instance provisioned. HP Continuous Delivery Automation requires additional licenses for separate Development and Test environments.

## HP Continuous Delivery Automation Add-on: for Infrastructure Provisioning (previously called HP Matrix Operating Environment for Continuous Delivery Automation)

HP Continuous Delivery Automation Add-on: for Infrastructure Provisioning is licensed by a pack of 100 Operating System Instances.

## HP Enterprise Maps

HP Enterprise Maps is licensed by Named User, Concurrent User and Connector. This Connector license authorizes bi-directional integration.

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

HPE Operations Orchestration is licensed by Node. The license includes the Core Server, central Server, remote access Server, entire standard content library, all 3rd party integration components and Unlimited users and administrators/authors.

- For HPE Operations Orchestration Server and Storage Node (previously called HPE Operations Orchestration Enterprise Orchestrated Node) the Node can represent OS Instances on a physical Device or a Virtual Machine, a physical Device hosting multiple VMs where there are multiple OS Instances, and storage arrays
- For HPE Operations Orchestration Network Node (previously called HPE Operations Orchestration Network Orchestrated Node) the Node can represent network Devices such as a switch, router or hub
- For HPE Operations Orchestration Edge Device Node the Node can represent end user Devices such as Clients, laptops/desktops, handhelds, smart Devices, and SOHO Devices such as low cost WiFi routers, switches, cable boxes
- For HPE Operations Orchestration Virtual Machine 10 Node (previously called HPE Operations Orchestration CloudFlex 10 Orchestrated Node) each Node represents a Virtual Machine.

**HPE Operations Orchestration Platform** is only licensed to customers who purchased HPE Operations Orchestration Platform prior to September 1, 2011. HPE Operation Orchestration Platform license includes the Core Server, central Server, remote access Server, entire standard content library and all 3rd party integration components. HPE Operations Orchestration Platform allows software architecture independent of the number of Core Servers and can be installed on any number of computers, provided that the actual usage of the software does not exceed the number of licenses purchased as per the Device tier package.

**HPE Operations Orchestration Platform for Integration Only** is only licensed to customers who purchased HPE Operations Orchestration Platform for Integration Only prior to September 1, 2011. HPE Operations Orchestration Platform for Integration Only license is restricted to integration of HP Server Automation or HP Network Automation with ticketing or monitoring systems, and may not be used for alert/incident resolution automation or other broader Run Book Automation use cases.

**HPE Operations Orchestration Content for SAP Process Automation** (previously called HP Operations Orchestration Content for SAP Process Automation and HP Operations Orchestration SAP Process Automation) is licensed per 5 SAP Instances.

## HPE Cloud Center Suite offerings

SUITE	OFFERING INCLUDES	ADDITIONAL TERMS (IF ANY)
<b>HPE Cloud and Automation Suite Express Edition 10 OS Instance Pack (previously called HP Cloud and Automation Suite Express Edition 10 OS Instance Pack)</b>	<ul style="list-style-type: none"> <li>• 1 HPE Cloud Service Automation 10 OS Instance Pack</li> <li>• 10 HPE Operations Orchestration Server and Storage Node</li> <li>• 1 HP IT Executive Scorecard Casual Named User</li> <li>• 1 HP IT Executive Scorecard Named User</li> </ul>	<ul style="list-style-type: none"> <li>• N/A.</li> <li>• Includes Virtual Machines and customer may combine the licenses – not to exceed 10 total.</li> <li>• For use only with Cloud Content.</li> <li>• For use only with Cloud Content. Additional purchases of this Suite will not include additional HP IT Executive Scorecard Named Users. Entitlement is limited to 1 Named User per Implementation of HP CloudSystem Enterprise Add-on Platform Applications and Analytics Suite.</li> </ul>

SUITE	OFFERING INCLUDES	ADDITIONAL TERMS (IF ANY)
<b>HPE Cloud and Automation Suite Premium Edition 10 OS Instance Pack (previously called HP Cloud and Automation Suite Premium Edition 10 OS Instance Pack and before that HP Cloud Service Automation Enterprise Suite 10 OS Instance Pack)</b>	<ul style="list-style-type: none"> <li>• 1 HPE Cloud Service Automation 10 OS Instance Pack</li> <li>• 10 HPE Server Automation Ultimate Edition OS Instance</li> <li>• 10 HPE Operations Orchestration Server and Storage Node</li> <li>• 1 HP IT Executive Scorecard Casual Named User</li> <li>• 1 HP IT Executive Scorecard Named User</li> </ul>	<ul style="list-style-type: none"> <li>• N/A.</li> <li>• Excluding Multi-Master and Service Automation Visualizer functionality.</li> <li>• Includes Virtual Machines and customer may combine the licenses – not to exceed 10 total.</li> <li>• For use only with Cloud Content.</li> <li>• For use only with Cloud Content. Additional purchases of this Suite will not include additional HP IT Executive Scorecard Named Users. Entitlement is limited to 1 Named User per Implementation of HP CloudSystem Enterprise Add-on Platform Applications and Analytics Suite.</li> </ul>
<b>HPE Cloud and Automation Suite Ultimate Edition 10 OS Instance Pack (previously called HP Cloud and Automation Suite Ultimate Edition 10 OS Instance Pack)</b>	<ul style="list-style-type: none"> <li>• 1 HPE Cloud Service Automation 10 OS Instance Pack</li> <li>• 10 HPE Server Automation Ultimate Edition OS Instance</li> <li>• 10 HPE Operations Orchestration Server and Storage Node</li> <li>• 1 HP Database &amp; Middleware Automation Database Module for Database Instance</li> <li>• 1 HP IT Executive Scorecard Casual Named User</li> <li>• 1 HP IT Executive Scorecard Named User</li> </ul>	<ul style="list-style-type: none"> <li>• N/A.</li> <li>• Full Multi-Master and Service Automation Visualizer functionality.</li> <li>• Includes Virtual Machines and customer may combine the licenses – not to exceed 10 total.</li> <li>• N/A.</li> <li>• For use only with Cloud Content.</li> <li>• For use only with Cloud Content. Additional purchases of this Suite will not include additional HP IT Executive Scorecard Named Users. Entitlement is limited to 1 Named User per Implementation of HP CloudSystem Enterprise Add-on Platform Applications and Analytics Suite.</li> </ul>
<b>HPE Cloud Orchestration Suite Express Edition 10 OS Instance Pack</b>	<ul style="list-style-type: none"> <li>• 1 HPE Cloud Service Automation 10 OS Instance Pack</li> <li>• 10 HPE Operations Orchestration Server and Storage Node</li> <li>• 1 HP IT Business Analytics Named User</li> <li>• 10 HP Virtualization Performance Viewer / HPE Cloud Optimizer OS Instance</li> <li>• 1 HP Enterprise Maps Named User</li> <li>• 10 HP Operations Analytics Express Edition Operations Analytics Node</li> <li>• 1 HP Universal CMDB Foundation</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> <li>• N/A</li> <li>• For use only with Cloud Analytics Content, also includes 1 Power Named User per Order.</li> <li>• N/A</li> <li>• Limited to Cloud Assessment feature.</li> <li>• N/A</li> <li>• Includes one limited HP Universal CMDB (UCMDB) Foundation license per order, which provides the right to use the UCMDB Server, the Data Flow Probe infrastructure, the UCMDB Admin UI, and the UCMDB Browser only in conjunction with HP Cloud Orchestration Suite. The rights to use Universal Discovery, Configuration Manager, and UCMDB adapters for third-party repositories must be licensed separately.</li> </ul>

SUITE	OFFERING INCLUDES	ADDITIONAL TERMS (IF ANY)
<b>HPE Cloud Orchestration Suite Premium Edition 10 OS Instance Pack</b>	<ul style="list-style-type: none"> <li>• 1 HPE Cloud Service Automation 10 OS Instance Pack</li> <li>• 10 HPE Operations Orchestration Server and Storage Node</li> <li>• 1 HP IT Business Analytics Named User</li> <li>• 10 HP Virtualization Performance Viewer / HPE Cloud Optimizer OS Instance</li> <li>• 1 HP Enterprise Maps Named User</li> <li>• 10 HP Operations Analytics Premium Edition Operations Analytics Node</li> <li>• 1 HP Universal CMDB Foundation</li> <li>• 1 HPE Data Center Automation Suite Premium Edition 10 OS Instance Pack</li> <li>• 1 HP Operations Bridge Premium Edition Suite 10 Node Pack Node</li> <li>• 10 HP Operations Bridge System Collector OS Instance</li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> <li>• N/A</li> <li>• For use only with Cloud Analytics Content, also includes 1 Power Named User per Order.</li> <li>• N/A</li> <li>• Limited to Cloud Transformation feature.</li> <li>• N/A</li> <li>• Includes one limited HP Universal CMDB (UCMDB) Foundation license per order, which provides the right to use the UCMDB Server, the Data Flow Probe infrastructure, the UCMDB Admin UI, and the UCMDB Browser only in conjunction with HP Cloud Orchestration Suite. The rights to use Universal Discovery, Configuration Manager, and UCMDB adapters for third-party repositories must be licensed separately.</li> <li>• Includes: <ul style="list-style-type: none"> <li>○ 10 HP Data Center Virtual Appliance OS Instance</li> <li>○ 10 HP IT Operations Compliance Premium Edition OS Instance</li> <li>○ 1 HP Database and Middleware Automation Premium Edition OS Instance</li> <li>○ 1 HPE Network Automation Premium Edition Node</li> </ul> </li> <li>• Includes: <ul style="list-style-type: none"> <li>○ 1 HP Operations Manager i Event Management Foundation 10 Pack Operations Bridge Nodes</li> <li>○ 1 HP Monitoring Automation for Composite Applications 10 Pack Operations Bridge Nodes</li> <li>○ 1 HPE Operations Bridge Reporter Standard Edition 10 Pack Operations Bridge Nodes</li> </ul> </li> <li>• N/A</li> </ul>
<b>HP CloudSystem Enterprise Starter Suite</b>	<ul style="list-style-type: none"> <li>• 5 HPE Cloud Service Automation 10 OS Instance Pack</li> <li>• 50 HPE Server Automation Ultimate Edition OS Instance</li> <li>• 50 HPE Operations Orchestration Server and Storage Node</li> <li>• 5 HP Database &amp; Middleware Automation Database Module for Database Instance</li> </ul>	<ul style="list-style-type: none"> <li>• N/A.</li> <li>• Excluding Multi-Master and Service Automation Visualizer functionality.</li> <li>• N/A.</li> <li>• N/A.</li> </ul>
<b>HP CloudSystem Enterprise Add-on Platform Applications and Analytics Suite</b>	<ul style="list-style-type: none"> <li>• 10 HPE Server Automation Ultimate Edition OS Instances</li> <li>• 1 HP Database Automation Database Module OS Instance</li> <li>• 1 HP IT Executive Scorecard Casual Named User</li> <li>• 1 HP IT Executive Scorecard Named User</li> </ul>	<ul style="list-style-type: none"> <li>• Excluding Multi-Master and Service Automation Visualizer functionality.</li> <li>• Limited to 10 Database Instances.</li> <li>• For use only with Cloud Content.</li> <li>• For use only with Cloud Content. Additional purchases of this Suite will not include additional HP IT Executive Scorecard Named Users. Entitlement is limited to 1 Named User per Implementation of HP CloudSystem Enterprise Add-on Platform Applications and Analytics Suite.</li> </ul>

SUITE	OFFERING INCLUDES	ADDITIONAL TERMS (IF ANY)
<b>HPE Helion Cloud Suite Express Edition 10 OS Instance Pack</b>	<ul style="list-style-type: none"> <li>• 1 HPE Data Center Automation Suite Express Edition 10 OS Instance Pack</li>   <li>• HPE Operations Bridge Premium Edition Suite 10 Operations Bridge Node Pack</li> <li>• HP Operations Analytics Express Edition 10 Operations Analytics Node Pack</li> <li>• HPE Cloud Optimizer Premium Edition 10 OS Instance Pack</li> </ul>	<ul style="list-style-type: none"> <li>• Does not include use of HPE Data Center Automation Virtual Appliance Operations Portal cloud brokering, multi-tenancy, cloud analytics capabilities.</li> <li>• Resource provider support in the HPE Data Center Automation Virtual Appliance Operations Portal excludes the use of public cloud and Helion Openstack resource providers.</li> <li>• Includes 1 HPE Data Center Automation Virtual Appliance, including the following as embedded components of the Virtual Appliance that may represent OS Instances on a physical Device, a Virtual Machine or a storage array: <ul style="list-style-type: none"> <li>○ 10 HPE Server Automation OS Instance (does not include the use of Audit &amp; Compliance, management of Solaris servers, Multi-Master, Service Automation Visualizer or High Availability functionality as a part of the HPE Server Automation component)</li> <li>○ 10 HPE Operations Orchestration Server &amp; Storage Node (does not include the use of HPE Operations Orchestration clustering functionality)</li> </ul> </li> <li>• Includes 1 HP Operations Manager i Event Management Foundation 10 Pack Operations Bridge Nodes</li> <li>• Limited to Virtual Machine and Baremetal</li> </ul>

SUITE	OFFERING INCLUDES	ADDITIONAL TERMS (IF ANY)
<b>HPE Helion Cloud Suite Premium Edition 10 OS Instance Pack</b>	<ul style="list-style-type: none"> <li>• 1 HPE Data Center Automation Suite Express Edition 10 OS Instance Pack</li>   <li>• HP IT Operations Compliance Premium Edition 10 OS Instance Pack</li> <li>• HP Database and Middleware Automation Premium Edition 1 OS Instance</li> <li>• HPE Operations Bridge Premium Edition Suite 10 Operations Bridge Node Pack</li>   <li>• HP Operations Analytics 10 Premium Edition Operations Analytics Node Pack</li> <li>• HPE Cloud Optimizer Premium Edition 10 OS Instance Pack</li> <li>• 1 HPE Cloud Service Automation 10 OS Instance Pack</li> <li>• 1 HPE Operations Orchestration 10 OS Instance Pack</li> <li>• 1 HP IT Business Analytics Casual Named User and 1 HP IT Business Analytics Power Named User</li> <li>• 1 HP Universal Discovery 10 OS Instance Pack</li> <li>• 1 HP Enterprise Maps Named User</li> <li>• 1 HPE Helion OpenStack 10 OS Instance Pack</li> <li>• 1 HPE Codar 50 OS Instance Pack Starter Pack</li> <li>• 1 HPE Helion Stackato 20 GB Pack Starter Pack</li> </ul>	<ul style="list-style-type: none"> <li>• Does not include use of HPE Data Center Automation Virtual Appliance Operations Portal cloud brokering, multi-tenancy, cloud analytics capabilities.</li> <li>• Resource provider support in the HPE Data Center Automation Virtual Appliance Operations Portal excludes the use of public cloud and Helion Openstack resource providers.</li> <li>• Includes 1 HPE Data Center Automation Virtual Appliance, including the following as embedded components of the Virtual Appliance that may represent OS Instances on a physical Device, a Virtual Machine or a storage array:                         <ul style="list-style-type: none"> <li>○ 10 HPE Server Automation OS Instance (does not include the use of Audit &amp; Compliance, management of Solaris servers, Multi-Master, Service Automation Visualizer or High Availability functionality as a part of the HPE Server Automation component)</li> <li>○ 10 HPE Operations Orchestration Server &amp; Storage Node (does not include the use of HPE Operations Orchestration clustering functionality)</li> </ul> </li>   <li>• Includes:                         <ul style="list-style-type: none"> <li>○ 1 HP Operations Manager i Event Management Foundation 10 Pack Operations Bridge Nodes</li> <li>○ 1 HP Monitoring Automation for Composite Applications 10 Pack Operations Bridge Nodes</li> <li>○ 1 HPE Operations Bridge Reporter Standard 10 Pack Operations Bridge Nodes</li> <li>○ 1 Business Value Dashboard per 1000 Operations Bridge Nodes (for HP Operations Manager i 10.10 and higher)</li> </ul> </li>   <li>• Limited to IaaS Analytics</li>   <li>• Limited to Cloud Analytics</li>   <li>• Limited to Cloud Assessment</li>   <li>• Limited to 50 OS Instances total per Implementation of this Suite</li> <li>• Limited to 20 GB total per Implementation of this Suite</li> </ul>



SUITE	OFFERING INCLUDES	ADDITIONAL TERMS (IF ANY)
<b>HPE Helion Cloud Suite Ultimate Edition 10 OS Instance Pack</b>	<ul style="list-style-type: none"> <li>• 1 HPE Data Center Automation Suite Express Edition 10 OS Instance Pack</li> <li>• HP IT Operations Compliance Ultimate Edition 10 OS Instance Pack</li> <li>• HP Database and Middleware Automation Ultimate Edition 1 OS Instance</li> <li>• HPE Network Automation Ultimate Edition 1 Node</li> <li>• HPE Operations Bridge Ultimate Edition Suite version 3 10 Operations Bridge Node Pack</li> <li>• HP Operations Bridge System Collector Add-on 10 Operations Bridge Node Pack</li> <li>• 1 HPE Cloud Service Automation 10 OS Instance Pack</li> <li>• 1 HPE Operations Orchestration 10 OS Instance Pack</li> <li>• 1 HP IT Business Analytics Casual Named User and 1 HP IT Business Analytics Power Named User</li> <li>• 1 HP Enterprise Maps Named User</li> <li>• 1 HPE Helion OpenStack 10 OS Instance Pack</li> <li>• 1 HPE Codar 10 OS Instance Pack</li> <li>• 1 HPE Helion Stackato 20 GB Pack Starter Pack</li> <li>• 1 HPE Propel Premium Edition 10 User Pack</li> </ul>	<ul style="list-style-type: none"> <li>• Does not include use of HPE Data Center Automation Virtual Appliance Operations Portal cloud brokering, multi-tenancy, cloud analytics capabilities.</li> <li>• Resource provider support in the HPE Data Center Automation Virtual Appliance Operations Portal excludes the use of public cloud and Helion Openstack resource providers.</li> <li>• Includes 1 HPE Data Center Automation Virtual Appliance, including the following as embedded components of the Virtual Appliance that may represent OS Instances on a physical Device, a Virtual Machine or a storage array: <ul style="list-style-type: none"> <li>○ 10 HPE Server Automation OS Instance (does not include the use of Audit &amp; Compliance, management of Solaris servers, Multi-Master, Service Automation Visualizer or High Availability functionality as a part of the HPE Server Automation component)</li> <li>○ 10 HPE Operations Orchestration Server &amp; Storage Node (does not include the use of HPE Operations Orchestration clustering functionality)</li> </ul> </li> <li>• Includes: <ul style="list-style-type: none"> <li>○ 1 HP Operations Manager i Event Management Foundation 10 Pack Operations Bridge Nodes</li> <li>○ 1 HP Monitoring Automation for Composite Applications 10 Pack Operations Bridge Nodes</li> <li>○ 1 HPE Operations Bridge Reporter Advanced 10 Pack Operations Bridge Nodes</li> <li>○ 1 Business Value Dashboard per 1000 Operations Bridge Nodes (for HP Operations Manager i 10.10 and higher)</li> <li>○ 1 HPE Operations Orchestration 10 Pack Operations Bridge Nodes</li> <li>○ 1 HP Operations Bridge Topology Based Event Correlation Add-on 10 Pack Operations Bridge Nodes</li> <li>○ 1 HP Operations Analytics Ultimate Edition 10 Pack Operations Bridge Nodes (limited to IaaS Analytics)</li> <li>○ 1 Business Value Dashboard per 1000 Operations Bridge Nodes (for HP Operations Manager i 10.10 and higher)</li> <li>○ 1 HPE Cloud Optimizer Premium Edition 10 Pack Operations Bridge Nodes</li> <li>○ 1 HP Universal Discovery 10 Pack Operations Bridge Nodes</li> <li>○ 1 HP Universal CMDB Automated Service Modeling Mapped Service</li> </ul> </li> <li>• Limited to Cloud Analytics</li> <li>• Limited to Cloud Assessment</li> <li>• Limited to 20 GB total per Implementation of this Suite</li> </ul>

\* The HPE Helion Cloud Suite OS Instances licensed by customer (“HCS OSIs”) may only be provisioned and managed by HPE Helion Cloud Suite product components. In addition, all HPE Helion Cloud Suite product components must be used solely with regard to the HCS OSIs and may not be used across different OSIs.

*The HP SiteScope software product is covered in the Additional License Authorizations document for HPE Application Performance Management software products. The HP Database & Middleware Automation, HPE Data Center Automation Suite and HPE Server Automation software products and suites are covered in the Additional License Authorizations document for HPE Automation Center software products. The HP IT Business Analytics / HP IT Executive Scorecard software product is covered in the Additional License Authorizations document for HPE IT Business Analytics Center software products. The HP Operations Bridge and HP Virtualization Performance Viewer / HPE Cloud Optimizer software products and suites are covered in the Additional License Authorizations document for HPE Systems Management Center software products.*

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