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# Additional License Authorizations

For ITOM Platform software products

## Products covered

Products	E-LTU or E-Media available*	Perpetual License Non-production use category**	Term License Non-production use category (if available)
Operations Orchestration (previously called HPE Operations Orchestration)	Yes	Class 1	Class 3
Operations Orchestration Content for SAP Process Automation (previously called HPE Operations Orchestration Content for SAP Process Automation)	Yes	Class 1	Class 3
Robotic Process Automation	Yes	Class 1	Class 1
Universal CMDB (previously called HPE Universal CMDB)	Yes	Class 1	Class 3
Universal CMDB Configuration Manager Advanced Configuration Manager (previously called HPE Universal CMDB Configuration Manager Advanced Configuration Manager)	Yes	Class 1	Class 3
Universal CMDB Third Party Integration (previously called HPE Universal CMDB Third Party Integration)	Yes	Class 1	Class 3
Universal Discovery (previously called HPE Universal Discovery)	Yes	Class 1	Class 3
Universal Discovery Inventory (previously called HPE Universal Discovery Inventory)	Yes	Class 1	Class 3
Universal Discovery for Oracle License Management (previously called HPE Universal Discovery for Oracle License Management)	Yes	Class 1	Class 3
Discovery and Dependency Mapping Inventory (previously called HPE Discovery and Dependency Mapping Inventory)	Yes	Class 1	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).

## Definitions

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

Term	Definition
Premium Discovery (formerly Advanced Discovery)	Means capabilities to discover via Agent or agentless the configuration of devices [physical, virtual, cloud or container] including Workstations, Mobile Devices, servers, network devices, Storage Devices and software that is installed on them. Capabilities to discover and map the inter dependencies between devices, and the dependencies between services and devices, and the data required for the Oracle License Management reports.
Agent	Means that portion of the software that manages and is required for each server [physical, virtual, cloud or Container].
API Task	A task made up of Application Programming Interface (API) calls or other actions not requiring a graphical user interface (GUI).
Express Discovery (formerly Basic Discovery)	Means discovery that provides a subset of Premium Discovery, including features such as device and software inventory via Agent or agentless technologies, software library management via SAI, covering devices such as servers, Workstations, network and storage equipment. Does not includes capabilities to discover dependencies between devices, or between devices and applications and services.
Bot	Means a robotic software entity that performs work.

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<b>Term</b>	<b>Definition</b>
Bot Hour	Means a unit of measurement used to track how long it takes a robot to execute a task.
Client	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.
Concurrent Bots	Means the software is licensed by the amount of bots that simultaneously perform work 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.
Container	Means the running software instance that emulates an active OS Instance or wraps an application under control of a technology including but not limited to Docker.
Core	Means the server side component of software. Is typically complemented by an Agent component.
Database	Means application data including table structure, stored procedures, and other functionality that runs on a Database Instance.
Database Instance	<p>Means a software application that has the sole purpose of acting as a container that hosts and executes one or more Databases</p> <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> </ul> <p>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.</p>
Device or Dev	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.
DDMI Device	Means an addressable entity, physical or virtual, including but not limited to router, switch, bridge, hub, server, PC, laptops, handheld device or printer that resides within the range defined for interrogation and asset tracking.
E-LTU and E-Media	Means products which are electronically delivered only, and as such any reference to FOB Destination or delivery methods that are stated on your purchase order other than electronic shall be null and void with respect to these E-LTU or E-Media products.
Foundation or Foundation Server	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.
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.
LTU	Means License To Use.
Managed Data Repository or MDR	Means a repository of data that can be a third party product or custom built and provides data about managed resources (for example, computer systems, application software, and buildings), process artifacts (for example, incident records and request for change forms), and the relationships between them.
Mobile Device	Means a portable computing device such as a smartphone or tablet computer designed for individual usage.
Network Device	Means a subset of devices that are responsible for network capabilities, representing addressable entity, physical, virtual or cloud, including but not limited to router, switch, bridge, hubs and other infrastructure that is represented in UCMDB and OO under the "Net Device" category that resides within the range defined for interrogation and asset tracking (with the exception of Storage Devices).

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<b>Term</b>	<b>Definition</b>
Node	Means any infrastructure component, physical or virtual (server, network, storage, desktop, low end Device) that derives value from Operations Orchestration.
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 (a Virtual Machine system running on a host system where the host runs its own complete OS Instance (as opposed to a hypervisor) and zones (specific nomenclature for a software partition which can run a virtual OS instance including but not limited to native and ipkg)., within the physical system. A physical system can contain multiple Operating System Instances.
SAP Instance	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.
Server	Means a computer system or computer system partition for which a bootable program is installed. Workstation or Mobile Devices are not considered to be a Server.
Storage Device	Means a subset of devices that are responsible for shared storage capabilities, representing addressable entity, physical, virtual, or cloud, including but not limited to storage arrays, network accessible storage (NAS) and other infrastructure that is represented in UCMDB and OO under the "Net Device" subcategory "Storage Arrays".
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.
Task	Means a step in a workflow, either an API driven step or a UI driven step.
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.
Term Support	Means a fixed period support offering that is only valid during the time period of the associated Term LTU.
UCMDB	Universal Configuration Management Database
UI Task	Means a task created by the software watching a user perform a task in an application's graphical user interface (GUI), and then perform the automation by repeating those tasks directly in the GUI.
Unit	Means a rationalized unit of licensing that provides entitlement to multiple metrics in a pre-defined ratio. This licensing Unit enables a customer to purchase entitlement as Units and apply it to any of the underlying metrics defined by the Unit. See software specific license terms for the definition of Unit for products and suites that are licensed by Unit.
Unlimited or Unl	Means without restrictions in terms of number of systems, Devices or media, depending on the context.
Use	Means to install, store, load, execute and display one copy of the software.
User	Means a user whose Use is restricted to the type of software that is being licensed.
Virtual Machine(s)	Means a computer that does not physically exist but is simulated by another computer.
Workflow	Means one or more tasks designed to run in sequence.
Workstation	Means a subset of compute devices that run operating systems that are designed for individual usage and not for shared infrastructure use. Examples of workstations are laptops, desktops and other compute devices that run operating systems including (but not limited to) Windows 8, Windows 10, and MacOS.

## 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.

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

Operations Orchestration (OO) is licensed by Units. One OO Unit equals:

- 1 Server or Storage Device Node, or
- 2 Virtual Machine/Containers Nodes, or
- 2 Network Device Nodes, or
- 8 edge Device Nodes

The license includes the Core Server, central Server, remote access Server, self-service portal, workflow designer, desktop studio, entire standard content library, all 3rd party integration components and Unlimited users and administrators/authors.

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

**Operations Orchestration Platform** is only licensed to customers who purchased Operations Orchestration Platform prior to September 1, 2011. Operation Orchestration Platform license includes the Core Server, central Server, remote access Server, entire standard content library and all 3rd party integration components. 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.

**Operations Orchestration Platform for Integration Only** is only licensed to customers who purchased Operations Orchestration Platform for Integration Only prior to September 1, 2011. Operations Orchestration Platform for Integration Only license is restricted to integration of Server Automation or 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.

An Operations Orchestration license is not required where Operations Orchestration is used to provide integration to a Micro Focus domain manager. A license is required where an Operations Orchestration flow is orchestrating entities behind a Micro Focus domain manager such as Server Automation, at a 10:1 ratio licensing calculations for Operations Orchestration. For example, if there are 1,000 servers being managed by Server Automation through an orchestrated flow, then a 100 Operations Orchestration Units license would be required.

For Operations Orchestration integration with non-Micro Focus domain managers, like BMC Remedy or IBM Tivoli Provision Manager, a license for each non-Micro Focus domain manager, in addition to a 10:1 ratio for the entities behind the non-Micro Focus domain managers, is required. For example, if there are 1,000 servers being managed by IBM Tivoli Provisioning Manager through an orchestrated flow, then one Unit license would be required for the domain manger license and 100 Units license for the devices behind the domain manager.

**Operations Orchestration Offerings**

<b>Offering</b>	<b>Offering includes</b>	<b>Additional terms (If any)</b>
Operations Orchestration 10 Unit	<ul style="list-style-type: none"> <li>▪ 10 Server or Storage Device Nodes, or</li> <li>▪ 20 Virtual Machines Nodes, or</li> <li>▪ 20 Network Device Nodes, or</li> <li>▪ 80 edge Device Nodes</li> </ul>	
Operations Orchestration Suite Add-on 10 Unit	Full OO capability to customers who license a Micro Focus suite with restricted OO functionality	Requires active support for a suite with restricted OO functionality. Add-On quantity must match OO quantity in original suite licensed.

**Operations Orchestration Content for SAP Process Automation (previously called HPE Operations Orchestration Content for SAP Process Automation and HP Operations Orchestration SAP Process Automation)**

Operations Orchestration Content for SAP Process Automation is licensed per 5 SAP Instances.

**Robotic Process Automation**

Robotic Process Automation (RPA) technology creates digital factories to automate and integrate any repetitive task in order to take the mundane out of work. This solution optimizes labor-intensive processes by imitating human effort to complete tasks, thereby boosting the productivity of companies that perform high-volume transactional processes and improving the quality of their operations.

RPA is not currently included in any suite.

**Concurrent Bot licensing**

When RPA has an activated concurrent license, if a Bot is currently doing work, driven by a designed workflow, it will consume a Concurrent Bot license. The number of Bots performing work simultaneously at any point in time must be equal to or less than the number of licenses purchased. The number of Concurrent Bot licenses activated is governed by one or more entered license keys.

**Bot Hour licensing**

Bot Hours are purchased in batches of 200 and cannot be split up into smaller increments. If Bot Hour licensing is active and assigned to a workflow, when that workflow finishes, the amount of time used is recorded and deducted from the pre-purchased Bot Hours. Time is tracked in seconds and recorded in hours or portions of hours. Any number of Bot Hour licensed workflows or actions can run in parallel. When using Bot Hour licensing, a license is available as long as the purchased Bot Hours have not been exhausted. Both Concurrent Bot and Bot Hour licensing may be active on the Server, enabling Concurrent Bot and Bot Hours to be used on different workflows simultaneously. The Server can be configured so that if a Concurrent Bot license is not available, a Bot Hour license can be used automatically. One Concurrent Bot license must be active on the Server to utilize Bot Hour licensing. The number of Bot Hours activated is governed by one or more entered license keys.

**Universal CMDB (previously called HPE Universal CMDB)**

Universal CMDB provides a foundational capability for Universal Discovery and other Micro Focus products and suites. Universal CMDB foundation is a free entitlement with the purchase of Universal Discovery, Universal Discovery Inventory, or Universal CMDB Third Party Integration. A minimum purchase of 100 Units or OS Instances, or 200 MDR, is required for this free entitlement. Universal CMDB is also entitled as part of the purchase of several other products and suites. Please refer to specific products or suites for more information.

## **Universal CMDB Configuration Manager Advanced Configuration Manager (previously called HPE Universal CMDB Configuration Manager Advanced Configuration Manager)**

Universal CMDB Configuration Manager Advanced Configuration Manager is licensed per OS Instance. A minimum purchase of 100 Units or OS Instances is required. When you purchase Advanced Configuration Manager (available for Universal CMDB 10.00), you are entitled to the following advanced functionality: environment segmentation analysis, similarity policies, topology policies, and pre-defined out-of-the-box policies. To leverage this functionality, licensee should license Advanced Configuration Manager for the number of OS Instances in Universal CMDB.

## **Universal CMDB Third Party Integration (previously called HPE Universal CMDB Third Party Integration)**

Universal CMDB Third Party Integration is licensed by Managed Data Repository (MDR) licenses (available for Universal CMDB 10.00 and higher). You are entitled to integrate with these third party data repositories via data population, push, federation, or Application Program Interface (API) mechanisms.

Universal CMDB 10.00 and higher requires all data exchanges between a MDR and UCMDB to be covered by a Universal CMDB Third Party Integration license. Data exchanges in that context include both inbound data flows (persistent or transient copy of third party data into UCMDB via a push, a pull, or a federation) and outbound data flows (any extraction of data from UCMDB); and they encompass all integration techniques (generic adapters, custom adapters, and programmatic interaction via the UCMDB SDK). Pending technical limitations, there is no limit to the nature and the direction of the data flows, the number of CIs and the type of CI's that can be exchanged between Universal CMDB and a licensed MDR.

## **Universal Discovery**

**Universal Discovery 11.X** is licensed by Units, where 1 Unit can be consumed based on the following ratios:

- Premium Discovery of a server OS Instance consumes 1 Unit
- Express Discovery of a server OS Instance consumes 0.1 Units
- Express Discovery of a Workstation OS Instance or a Container consumes 0.1 Units
- Express Discovery of Network Devices or Storage Devices does not consume Units

**Universal Discovery 10.X** (previously called HPE Universal Discovery) is licensed by OS Instance.

**Universal Discovery Inventory 10.X** (previously called HPE Universal Discovery Inventory) is licensed per block of 100 OS Instances.

**Universal Discovery for Oracle License Management** (previously called HPE Universal Discovery for Oracle License Management) is licensed by Implementation for Universal Discovery 10.x and is included with Universal Discovery 11.x when a server is discovered with Premium Discovery. UCMDB Discovery 10.x Licenses are entitled to install Universal Discovery for Oracle License Management on a single Instance of Universal Discovery.

## **Discovery and Dependency Mapping Inventory (previously called HPE Discovery and Dependency Mapping Inventory)**

The software shall be restricted to monitoring/discovering the number of DDMI Devices for the licenses purchased.

## Additional license terms

Term	
A.	Software contains software and associated specifications licensed from third parties that are confidential to, and trade secrets of, such parties. You will not take any action other than to Use it as authorized under the agreement as part of the software products and will not disclose it to third parties.
B.	You shall install and use the software as authorized in the applicable agreement only as a complete product and may not use portions of such software on a standalone basis separate from the complete software unless expressly authorized in the Supporting Material, specifications or an applicable agreement.
C.	To the extent this restriction is not prohibited under applicable law, you shall not disclose to any third party the results of (i) any performance benchmarks you run on software products themselves, or any portion thereof, or (ii) specific detailed comparisons you make between software products, or any portion thereof, and any of your or third-party product, in each case under (i) and (ii) without the prior written consent of Micro Focus.
D.	RPA can potentially be used to record user actions and/or network communications including the entering, retrieving and storing of potentially sensitive information. You understand and agree to assume all associated risks with such activities and hold Micro Focus harmless for the same. It remains at all times the Customer's sole responsibility to assess its own regulatory and business requirements regarding access or retention of such information.
E.	One or more activated concurrent licenses must be present to operate the software.

[software.microfocus.com/legal/software-licensing](https://software.microfocus.com/legal/software-licensing)

Latest version of software licensing documents

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