Additional License Restrictions for HP Operations Center Software products

In addition to HP's standard terms and conditions or a separate agreement between Licensee and HP or its suppliers (the "Agreement") the following license restrictions are applicable.

HP Operations Center Software products include: HP Operations Manager, HP Operations Agent, HP Operations Smart Plug-ins, HP Operations Target Connector, HP Operations Target Connector for Smart Plug-ins, HP Operations Dependency Mapping Automation, HP Operations Manager i, HP Performance Manager, HP Performance Agent, HP Reporter, HP Operations Manager for Windows Limited Edition. These HP Operations Software products are also sold in various combinations.

Definitions:

Capitalized terms not otherwise defined in this Additional License Restrictions document are defined in the governing Agreement.

"Application Instance" or "AppInstance" means a monitored environment running an instance of an application. For Java based applications, AppInstance is one JVM. For .NET based application, AppInstance is one windows process that runs .net (one worker processes). 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. For SAP Netweaver ABAP stack(R3), AppInstance is one R3 instance. For Tuxedo servers, AppInstance is one Tuxedo instance. For a database, AppInstance is one complete database environment, including the RDBMS software, table structure, stored procedures and other functionality, most database servers (SQL/ORACLE) will contain multiple instances.

"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.

"HP Operations Agent" shall mean the software component of HP Operations Manager that is installed on Managed Nodes. The HP Operations Agent software collects information from multiple sources on the local system, creates Operations Manager messages, enhances message content, filters and correlates messages, starts actions and sends messages to the HP Operations Manager Management Server.

"HP Operations Manager Management Server" shall mean the software component of HP Operations Manager that constitutes the central entity, where all messages from the HP Operations Agent and the HP Target Connectors are received, processed, stored and forwarded to the operator GUIs, and where HP

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Operations Agent configuration is maintained, stored, assigned and distributed.

"HP Operations Smart Plug-ins (SPIs)" shall mean the software add-on components to the HP Operations Manager that manage specific business applications, e-commerce platforms, messaging services, databases and internet infrastructure. They extend the management capabilities of HP Operations Manager to the application management domain by reporting on discovery, alarms and events.

"Instance" means each implementation of the application installed on a server.

"LTU" means License To Use.

"Managed Nodes" shall mean the OM Nodes that have an HP Operations Agent installed.

"Monitored Nodes" shall mean infrastructure OM Nodes that do not have an HP Operations Agent installed. Monitored Nodes include (but are not restricted to) servers, virtual servers, network devices and other infrastructure devices such as monitored UPS's and environmental monitoring components.

"Management Server Node" shall mean the HP Operations Agent running on the management server.

"OM Cold Standby System" shall mean a standby system which has the HP Operations Center 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, the Licensee is required to switch on and start the HP Operations Center 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 HP Operations Center product on the Cold Standby System and the production system are running, nor are both concurrently under management by the HP Operations Center product.

"OM Node" shall mean a real or virtual computer system, or a device (for example printer, router or bridge) in a network.

"Non-Production Development/Test System" shall mean a non-production development/test system which has a HP Operations Center Software product installed and is to be used for a) developing Licensee HP Operations Center product add-on applications b) HP Operations Center product migration testing or c) HP Operations Center product pre-production staging.

"Non-Production Dev/Test or NP DV" shall mean internal use which is limited to Non-Production Development and Test Systems.

"Non-Production Failover System" shall mean a non-production failover system which has a HP Operations Center 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, the Licensee is required to use the HP Operations Center product on the non-production failover system in

order to take over from the production system while it is physically down or unavailable. No concurrent data collection, policy execution or message send/receive on the Non-Production Failover System and the production system is performed. In case of HP Operations Target Connector, a Non-Production Failover System is setup to be monitored by a HP Operations Center product, but is not actually being monitored until it becomes a production system.

"Non-Production Failover or NP FO" shall mean internal use which is limited to a Non-Production Failover System.

"Operating System Instance" or "OS Instance" means each implementation of the bootable program that can be installed onto a physical system or a partition within the physical system. A physical system can contain multiple Operating System Instances.

"Points" means the numerical tracking system representing the total number of metrics Licensee is authorized to execute.

"Production System" shall mean a system which has a HP Operations Center Software product installed on, has processes of this product running and is either collecting data, executing policies, or sending/receiving messages. In case of HP Operations Target Connector, a Production System is setup to be monitored by HP Operations Manager software and is actually being monitored.

"Target Connector" shall mean the HP Operations Center Software product required for inclusion of a multiple-purpose monitored node in the monitored environment of the HP Operations Center Software solution.

"Virtual Machine(s)" or "VM(s)" means a computer that does not physically exist but is simulated by another computer.

Software Specific License Terms

Generic to the HP Operations Center Software products

Depending on the implementation use, an appropriate license is required for:

- Production System: HP Operations Center Software product license is required.

- Non-Production Failover System: HP Operations Center Software product Non-Production Failover license is required.

- Non-Production Development/Test System: HP Operations Center Software product Non-Production Dev/Test license is required.

- OM Cold Standby System: No incremental HP Operations Center Software product license is required. The required license key can be obtained free of charge from the HP.

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In those cases where a Non-Production license is not offered for the HP Operations Center Software Product, the production license has to be purchased for the respective use case.

HP Operations Manager Software products

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

The HP Operations Manager Management Server is licensed for installation and use on a single computer – either a Virtual Machine or physical server. Where the HP Operations Manager Management Server software is installed in a Clustered Computer, the license allows one Instance of the software to be active at any time within the Clustered Computer.
The Management Server Node license (agent license) is included with the HP Operations Manager Management Server LTU and is only valid for running the agent software on the same server that the Operations Manager Management Server software is active on.

Where the HP Operations Manager Management Server software is installed in a Clustered Computer the Management Server Node Software (Agent Software) enables one Instance of the Agent Software to be active on the same Managed Node as the HP Operations Manager Management Server software. Additional Agent Software Instances active within the Clustered Computer require individual HP Operations Agent Software LTUs.

Additional licenses are required for:

-   Managed Nodes: Any additional node managed by the HP Operations Manager management server requires an additional HP Operations Agent license.

-   Monitored Nodes: Additional HP Target Connector licenses are required for each multiple-purpose device that is being monitored using HP Operations Center 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 appropriate agent license. This includes systems managed by other event/performance management solutions.
    o   Virtualization hypervisors are considered multi-user interactive devices, and require Target Connector licenses or full Agent LTUs. The hypervisor host and each virtual machine (guest) are counted as separate devices.
    o   A Target Connector license is NOT required if an HP Operations Agent license exists for this target device.
    o   NO Target Connector license is required if the information on the target device is originated from (NOT proxied thru) other HP monitoring software, for example: HP SiteScope, HP Internet Services, HP Storage Essentials, HP Systems Insight Manager, NonStop management, Webjetadmin, Procurve monitoring.

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In general, non-interactive, single user, and single-purpose devices do not require a Target Connector license. This includes:

- Network devices such as hubs, switches, routers, modems, and similar.
- Presentation and output devices such as signboards, printers, and similar.
- Intelligent network devices such as load balancers, firewalls and content switches and similar.
- Dedicated end-user desktops with no server functions.
- ATMs.

Note: These exclusions do not apply to interactive operating systems' supplying these functions (for example, a Linux system that runs iptables) and desktops with server functions (e.g. print servers).

- Smart Plug-ins: Additional licenses are required for the installation and use of HP Operations Smart Plug-ins.

- Dependency Mapping Automation: Additional licenses are required for the installation and use of HP Operations Dependency Mapping Automation. The product is licensed for the use on a single HP Operations Manager Management Server.

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

HP Operations Manager i Software products

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

The HP Operations Manager i Event Management Foundation Server, the HP Operations Manager i Health Perspective Views Server, and the HP Operations Manager i Topology Based Event Correlation Server are licensed for installation and use on a single computer – either a Virtual Machine or physical server.

Additional licenses are required for:

- Managed Nodes: Any additional node managed by the HP Operations Manager management server reporting to HP Operations Manager i Software requires an additional HP Operations Agent license.

- Monitored Nodes: Additional HP Target Connector licenses are required for each multiple-purpose device that is being monitored using HP

Operations Center 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 appropriate agent license. This includes systems managed by other event/performance management solutions.

- o Virtualization hypervisors are considered multi-user interactive devices, and require Target Connector licenses or full Agent LTUs. The hypervisor host and each virtual machine (guest) are counted as separate devices.
- o A Target Connector license is NOT required if an HP Operations Agent license exists for this target device.
- o NO Target Connector license is required if the information on the target device is originated from (NOT proxied thru) other HP monitoring software, for example: HP SiteScope, HP Internet Services, HP Storage Essentials, HP Systems Insight Manager, NonStop management, Webjetadmin, Procurve monitoring.

In general, non-interactive, single user, and single-purpose devices do not require a Target Connector license. This includes:

- ▪ Network devices such as hubs, switches, routers, modems, and similar.
- ▪ Presentation and output devices such as signboards, printers, and similar.
- ▪ Intelligent network devices such as load balancers, firewalls and content switches and similar.
- ▪ Dedicated end-user desktops with no server functions.
- ▪ ATMs.

Note: These exclusions do not apply to interactive operating systems' supplying these functions (for example, a Linux system that runs iptables) and desktops with server functions (e.g. print server).

- Smart Plug-ins: Additional licenses are required for the installation and use of HP Operations Smart Plug-ins.

HP Operations Manager for Windows Limited Edition

The HP Operations Manager for Windows Limited Edition LTU is a license that allows you to operate the HP Operations Manager for Windows management server with 20 OM Nodes. The maximum number of Managed or Monitored Nodes can be extended to 30 by purchasing the HP Operations Manager for Windows Limited Edition Extension LTU.

The number of licensed OM Nodes includes:

- Management Server Node: The HP Operations Agent running on the management server.

- Managed Nodes: OM Nodes that have an HP Operations Agent installed.

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    - Monitored Nodes: Target Connector OM Nodes that are monitored by HP
       Operations Manager for Windows Limited Edition.

The HP Operations Manager for Windows Limited Edition LTU includes the right
to use one copy each of selected HP Smart Plug-Ins, of HP Reporter, and of HP
Performance Manager. HP Performance Manager has to be installed locally on
the HP Operations Manager management server.

NOTE:
HP Operations Manager for Windows Limited Edition cannot be extended to
manage or monitor more than 30 OM Nodes.

HP Operations OS Instance Advanced
Includes a single license for HP Operation Agent, HP Performance Agent
and a license for 15 Points of HP SiteScope.

HP Operations SPI Instance Advanced
Includes a single license for HP SPI Instance for 15 Points of HP
SiteScope.

HP Operations SPI Instance Advanced

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

HP Performance Management Software products

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

The HP Performance Agent Software product is licensed for use on a single
computer.

HP Reporter Software products

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

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