

HP Operations Center

Target Connector Licensing



Agenda

- Overview
- License definition
- How to update licensing in an existing Operations Manager implementation
- Q&A



What and Why

- HP Operations Manager Console provides high value as an event consolidation, correlation and impact / root cause visualization engine.
- Technical evolution has increased the “how and what” of agentless monitoring, moving forward the combination of agentless and agent-based monitoring
- Operations Manager consoles are often used as the event consolidator to deliver value across multiple non-HP domain monitoring products (e.g. Microsoft SCOM, Nagios)
- This generates a significant support load from OM consoles with large numbers of non-Operations Agent devices
- Representative value for the Operations Manager solution and support effort are not correctly reflected in today’s pricing

Target Connector License Overview

- Target Connector licenses complement the HP Operations Manager Management Server, HP Operations Agent, and HP Smart Plug-in licenses
- Target Connector LTUs were introduced late 2007 for remote and proxy monitoring with HP Operations Manager
- The HP Operations Target Connector LTU permits monitoring from HP Operations Manager for devices with no HP Operations Agent LTU installed
 - The product is available for Windows and Unix Operations Managers
 - There are exceptions where devices are monitored using other HP Software technologies
- The HP Operations Target Connector for <app> LTU will provide remote monitoring capabilities for Smart Plug-ins
 - Products are available for specific SPIs that have the technology to provide custom (remote) monitoring capabilities, e.g. SAP SPI, ...

License definition

Based on strong customer feedback the initial license definition has been revised. As of November 1st, 2008, Target Connector LTUs are required for:

- Each multiple-purpose device being monitored using HP Operations Center products
- Any interactive OS not licensed by an appropriate HP Operations Agent LTU.
(Interactive means multiple concurrent user sessions are supported either through interactive logins, applications loaded within the OS environment or resource sharing facilities such as disk shares.)
- This includes systems managed by other event/performance management solutions
- Virtualization hypervisors are considered multi-user interactive devices. The hypervisor host and each virtual machine (guest) are counted as separate devices.

License exceptions

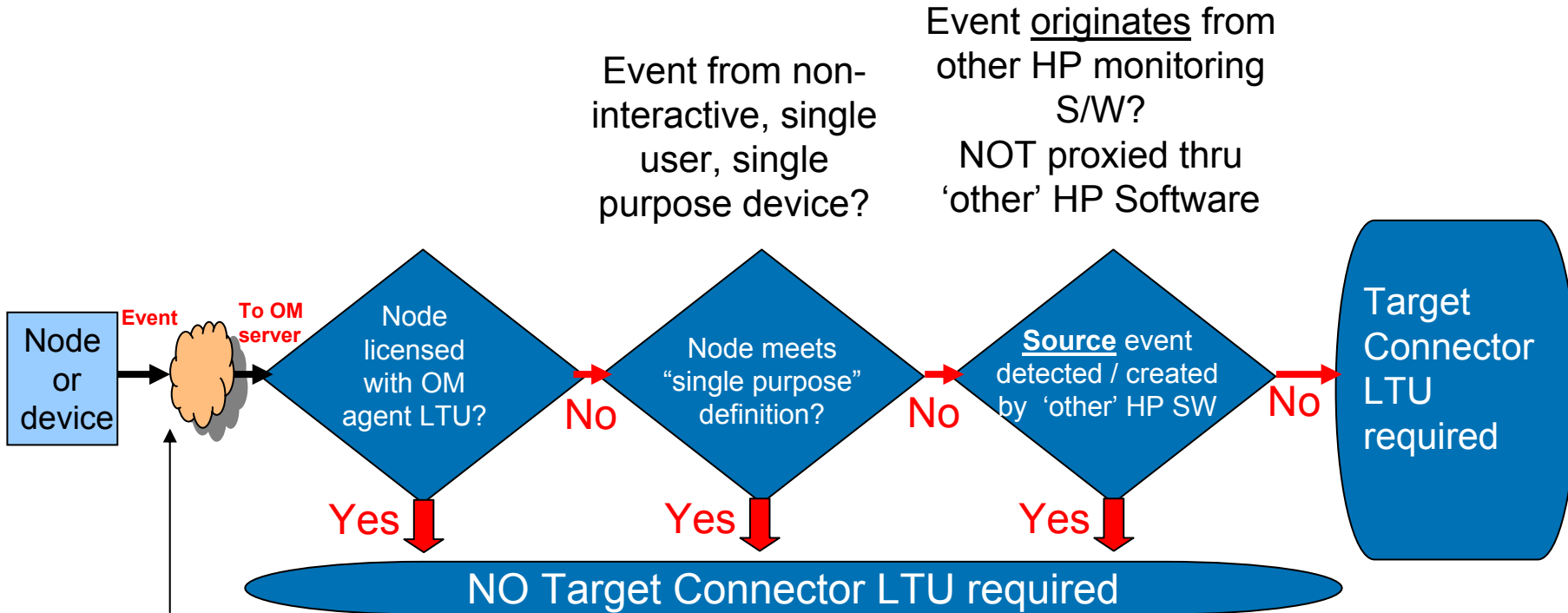
NO Target Connector License is required if

- an HP Operations Agent license exists for this target device.
- the information on the target device is originated from (NOT proxied through) other HP monitoring software, for example:
 - HP Network Node Manager
 - HP SiteScope, HP Internet Services
 - HP Systems Insight Manager, HP Storage Essentials
 - NonStop management,
 - Webjetadmin, Procurve monitoring.

Non-interactive, single user and single-purpose devices

- 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.
- Exclusions include:
 - interactive operating systems supplying these types of functions (for example, a Linux system that runs iptables).
 - Desktop workstations (Windows derivatives, Linux, Unix derivatives)

When do I need a Target Connector LTU?



Event from non-interactive, single user, single purpose device?

Event originates from other HP monitoring S/W?
NOT proxied thru 'other' HP Software

Opcmsg or Incident WebServices 'proxy' calls do NOT eliminate the need for TC LTU
e.g. on Managed Node **X** (with an OM agent) calling OPCMSG Node=**Y**
Requires a TC LTU.

Single purpose device::

- Router, Switch, Hub, Bridge
- Printer
- Load balancer
- Content switch

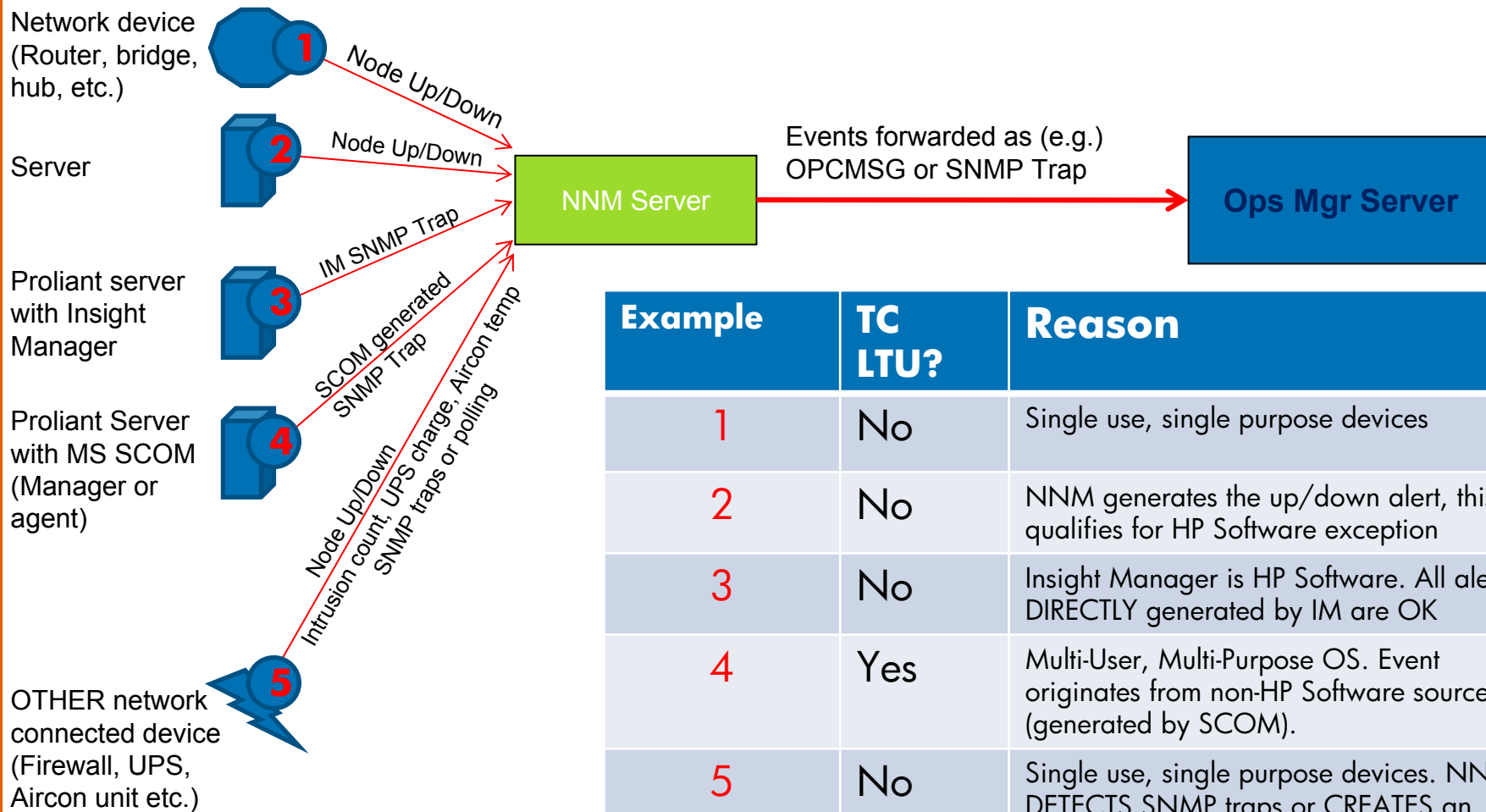
Other HP Software:

- Network Node Manager
- SiteScope
- Internet Services, EUM,
- Storage Essentials,
- System Insight Manager, Insight Control
- NonStop mgmnt
- Webjetadmin
- Procurve monitoring

Common examples; Not an exhaustive or complete list

Target Connector

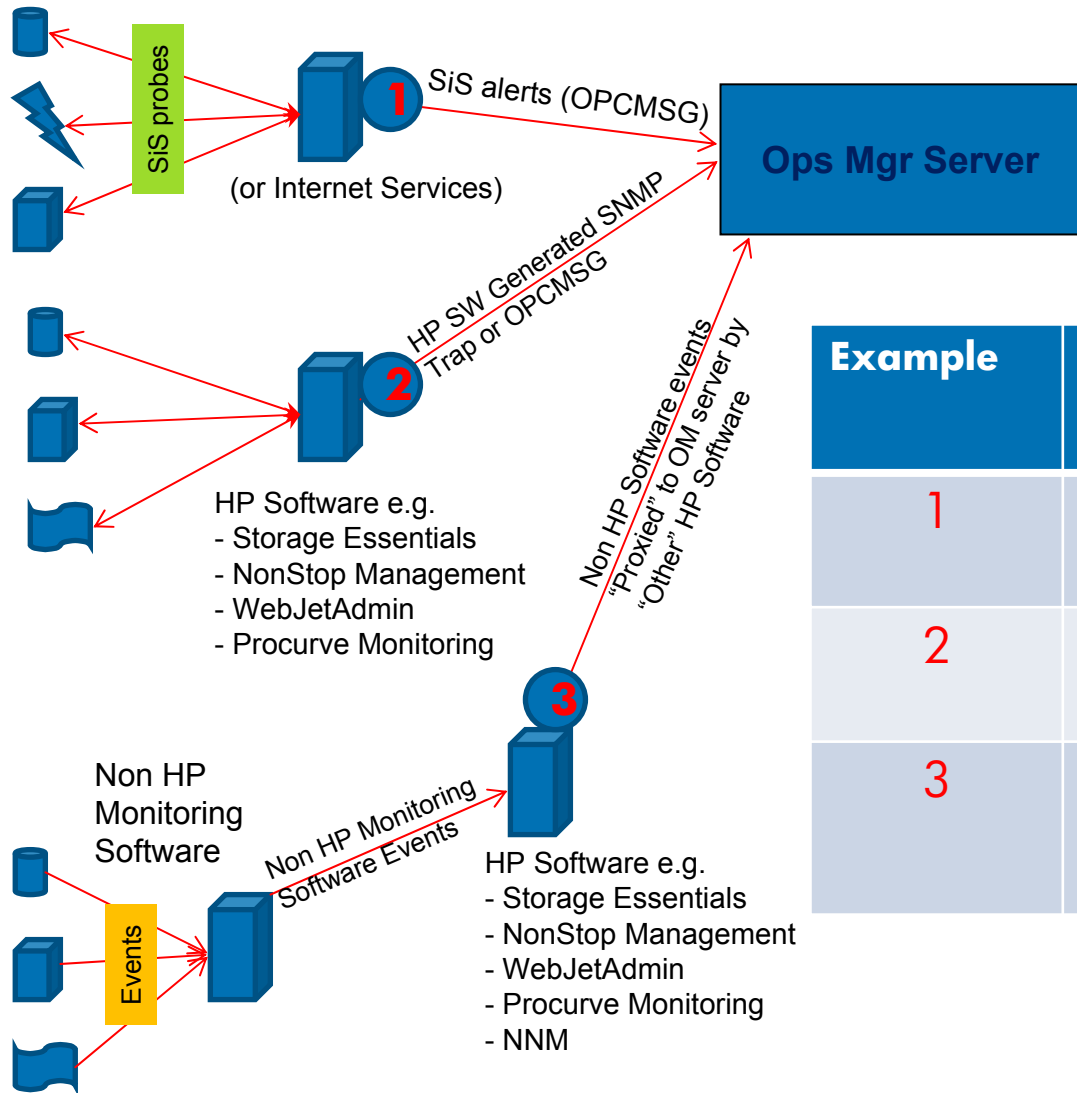
NNM Licensing example



Example	TC LTU?	Reason
1	No	Single use, single purpose devices
2	No	NNM generates the up/down alert, this qualifies for HP Software exception
3	No	Insight Manager is HP Software. All alerts DIRECTLY generated by IM are OK
4	Yes	Multi-User, Multi-Purpose OS. Event originates from non-HP Software source (generated by SCOM).
5	No	Single use, single purpose devices. NNM DETECTS SNMP traps or CREATES an event based on polled SNMP MIB data

Target Connector

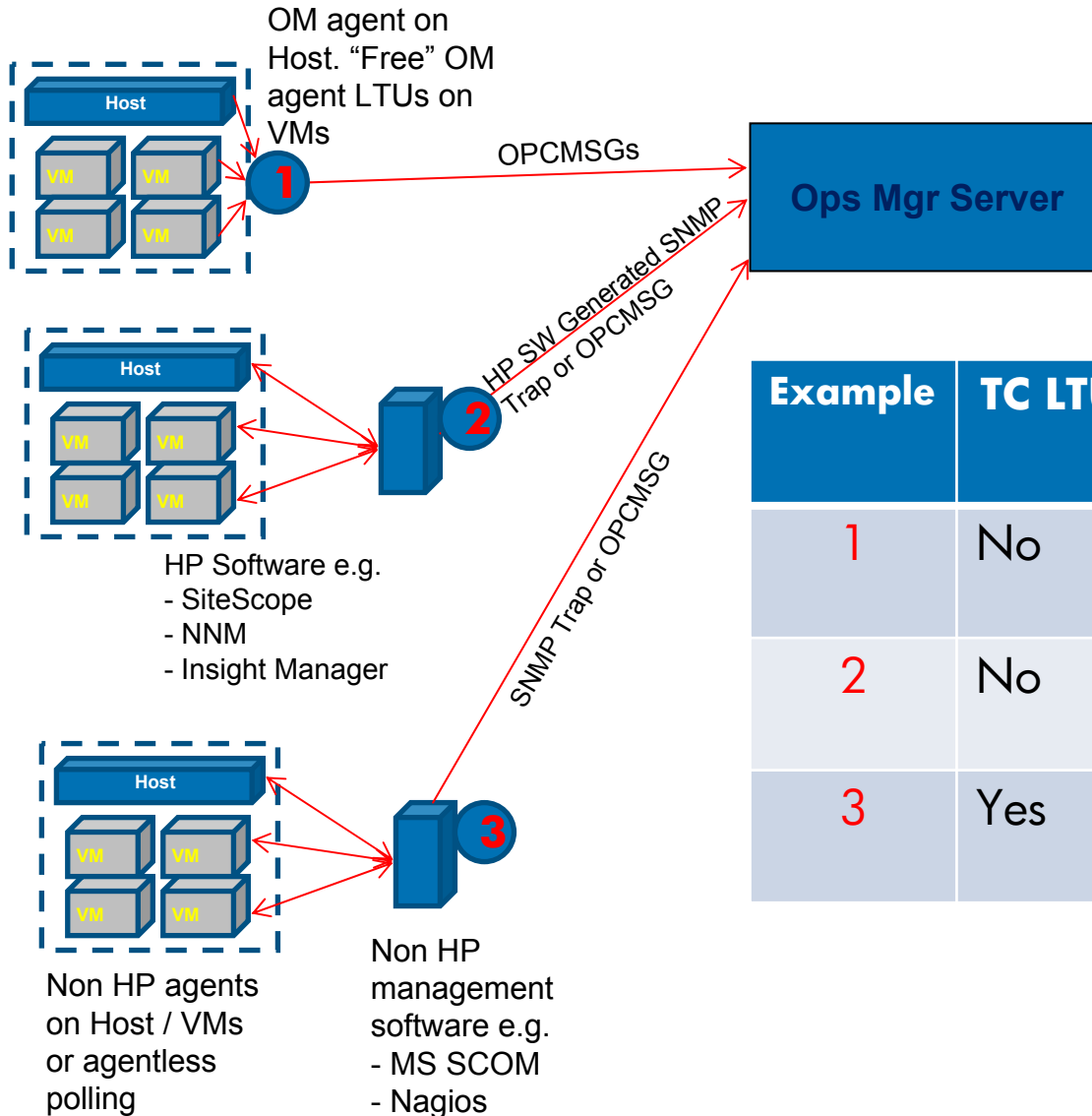
"Other" HP Software Licensing example



Example	TC LTU?	Reason
1	No	SiS (or OVIS) are HP software. All events directly generated by SiS are OK
2	No	Events directly generated by HP Software products are OK (same as SiS example)
3	YES	Events ORIGINATED from non-HP software and are "proxied" via HP Software products. One TC LTU PER event source if TC licensable.

Target Connector

Virtualized Licensing example

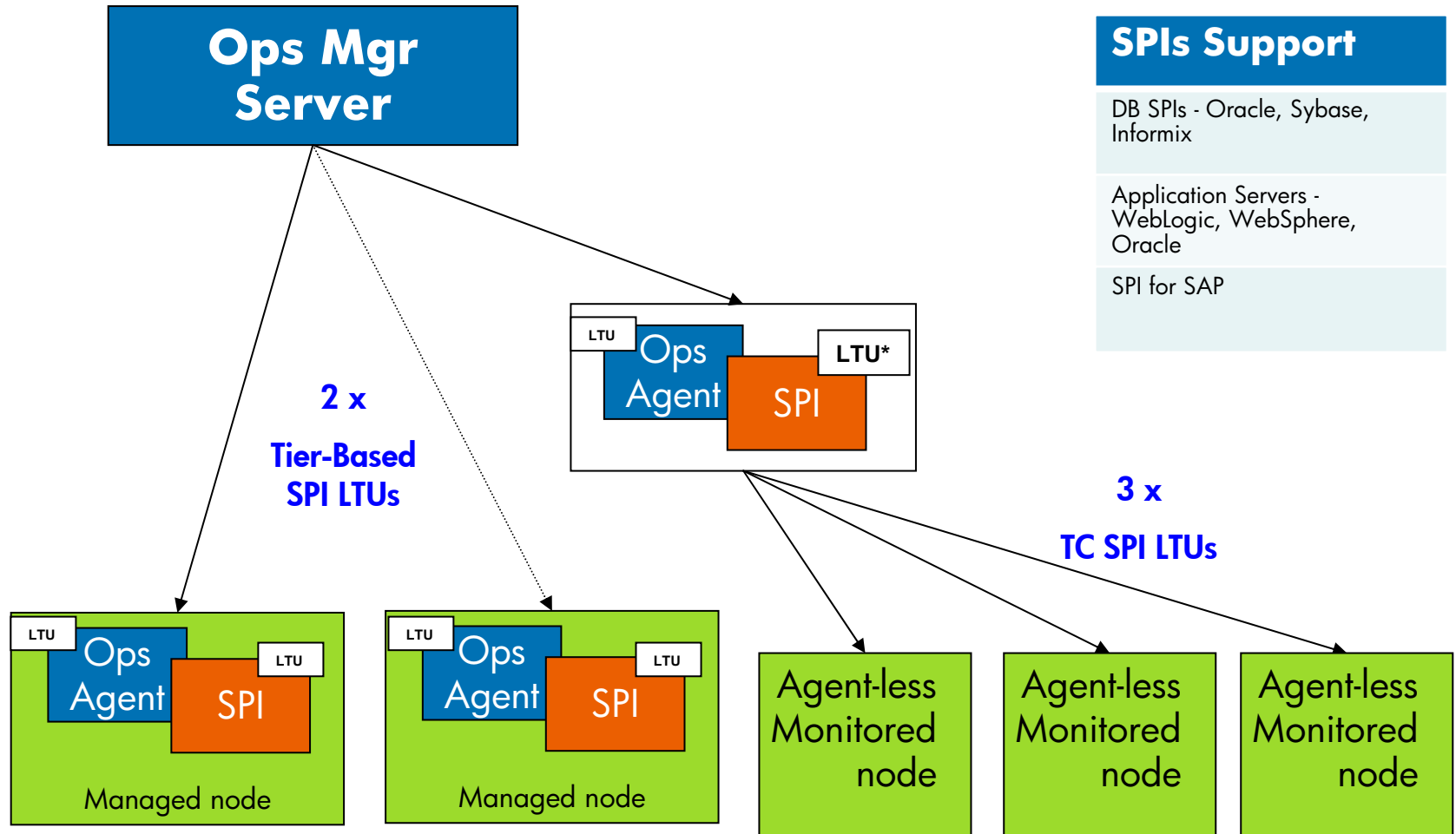


Example	TC LTU?	Reason
1	No	OM agent LTU on host entitles installation of 'free' OM agent LTUs on VMs
2	No	HP software is receiving traps / polling for information and generating the events
3	Yes	Event is originated by non-HP software. One TC LTU for the host and one for each VM

HP Smart Plug-in Target Connectors

- Smart Plug-in Target Connector licenses are required for monitoring remote applications with SPIs
 - In the past a Tier 1 LTU was required for this use case
 - Now dedicated Target Connector LTU products are offered for the SPI supporting this capability
 - SPIs that do not offer a Target Connector LTU cannot be deployed in this configuration due to technical limitations

HP Smart Plug-in Target Connectors Licensing Example



* SPI LTU is not needed if the target application (e.g. Oracle) is not monitored on this node



Installed Base Entitlement

Helping our customers remain compliant

Installed Base Target Connector Entitlement program

License entitlement program established for installed base customers on active support contract to help ensure that their installed managed environment is compliant with the new licensing; revision effective November 1st, 2008:

- Entitlement to free of charge Target Connector license keys for the monitored nodes which qualify as Target Connectors AND are installed in the existing Operations Manager implementation
- Future added Target Connector nodes require a purchased LTU
- Process for claiming the free license keys documented in the entitlement mailing which has been or will be sent to the customers
- ★ - Program expiration date extended due to the Target Connector definition changes; Customers must now claim respective Target Connector license keys before April 30th, 2009
- ★ - Target Connector license keys received through the Installed Base Entitlement program are free of support fees. Customer has to keep original entitlement certificate and license key certificate for future prove and audit.

Installed Base Target Connector Entitlement program Communication

- Operations Manager 7.5 for Windows customers on active support contract should already have received an entitlement certificate mailing early 2008; To communicate the Target Connector definition changes an incremental mailing will happen in November
- All customer on active support contract for Operations Manager for Unix will be sent the revised entitlement mailing as well
- If customer do not receive this mailing and are entitled to the Installed Base Target Connector Entitlement program, they should contact their HP field contact or channel partner

HP Smart Plug-in Target Connectors License Update

- Customers already purchased Tier 1 LTUs for the Target Connector use-cases
- Existing License Key can be continued to be used
- At support contract renewal customers can request the support contract update from the Tier 1 LTU to the appropriate Target Connector LTU for these use-cases



Q&A



Target Connector LTU Product Numbers

HP Operations Manager

- BB165ZA/ BB165ZAE HP Operations Target Connector LTU

HP Application Smart Plug-ins

- BB169ZA/ BB169ZAE HP Ops Target Cnct Oracle DB LTU
- BB170ZA/ BB170ZAE HP Ops Target Cnct Sybase DB LTU
- BB171ZA/ BB171ZAE HP Ops Target Cnct Informix DB LTU
- BB172ZA/ BB172ZAE HP Ops Target Cnct Weblogic AS LTU
- BB173ZA/ BB173ZAE HP Ops Target Cnct WebSphere AS LTU
- BB174ZA/ BB174ZAE HP Ops Target Cnct Oracle AS LTU
- BB176ZA/ BB176ZAE HP Ops Target Cnct SAP LTU