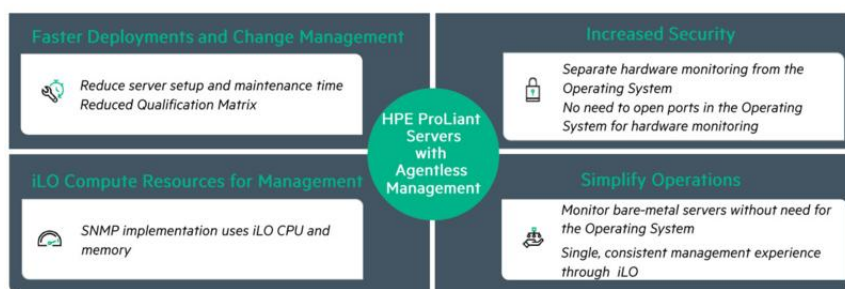




# HPE AGENTLESS MANAGEMENT

## Server iLO Management



### WHAT'S NEW

- Support for Gen10 Servers and options.
- System Management Assistant (SMA) makes it possible for SNMP information from the iLO to be routed via the Operating System to consuming applications. Communication interface is similar to AMS.
- Monitor Smart Array and disks attached to it from the iLO directly.
- Logical and Physical view of disk information for disks connected to Smart

### OVERVIEW

Tired of installing agents on your servers to monitor them? With the HPE Agentless Management solution, the management software (SNMP and Redfish) operate within the HPE Integrated Lights-Out (iLO) firmware instead of the host's Operating System (OS) freeing up memory and processor resources on the host's OS for use by server applications. No agents in the OS means no opening up networks ports reducing security threats, especially for those platforms that may interface directly to the Internet. With HPE Agentless Management in addition to monitoring all key internal subsystems (such as thermal, power, and memory), iLO sends SNMP management alerts directly to any Datacenter



Array.

- Monitoring of NVMe disks attached to enablement kits with the help of the Agentless Management Service.
- Software Inventory with the help of the Agentless Management Service.

Information Management system such as HPE OneView, HPE System Insight Manager (SIM) etc., even with no host OS installed or running.

The optional HPE Agentless Management Service can collect and send specific OS and device information that cannot communicate with the iLO, to the iLO via the PCIe bus.

## FEATURES

### **iLO Firmware and Optional HPE Agentless Management Service Monitoring Capabilities**

The iLO firmware provides SNMP capabilities without need for an OS, thereby making it possible to monitor bare-metal servers, ideal for cloud environments where agents cannot be landed on tenant stacks. iLO supports the SNMP v3 protocol which is secure.

The optional HPE Agentless Management Service provides information that is OS specific.

The HPE Agentless Management Service is also needed to monitor low end devices such as Chipset attached SAS/SATA, these are usually devices that don't have the ability to communicate with peers such as the iLO and hence cannot be monitored by iLO directly

The HPE Agentless Management Service communicates with the iLO via the iLO CHIF driver over the PCIe bus. Since it does not communicate on the network, no network ports need to be open making the system less vulnerable to attacks.

The SNMP implementation uses the iLO CPU and memory thereby freeing up the resources that can be used by the application stack.

### **Additional Benefits**

HPE Agentless Management offers a consistent Graphic User Interface (GUI) for configuration regardless of the host OS.

An intelligent asynchronous device, iLO, on the physical server providing a single network target to monitor and manage the device.

A well-documented and robust scripting toolkit based on industry-standard XML/RESTful API to deploy and configure many servers from a single configuration point such as HPE OneView, HPE SIM, HPE Insight Control.

The capability to segregate the management network from the data network using the dedicated iLO Network port for out-of-band communication, increased security and stability.

No need to install any software to manage communication across host LAN ports, or for you to enable management network protocol ports on the host OS.

### **Customer Value**

Faster deployments and change management

Increased Security

Improved Performance

Simplified Operations



For additional technical information, available models and options, please reference the [QuickSpecs](#)

## HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

### Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

**HPE Integration and Performance Services** help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support options.

**Defective Media Retention** is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

## HPE GREENLAKE

[HPE Greenlake](#) is HPE's market-leading IT as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model. HPE GreenLake delivers public cloud services and infrastructure for workloads on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please [explore them here](#).

Make the right purchase decision.  
Contact our presales specialists.



Chat now (sales)



Call now



Buy now



Share now



Get updates

  
**Hewlett Packard  
Enterprise**

© Copyright 2022 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product  
[PSN5219980INEN](#), July, 2022.