



**Hewlett Packard
Enterprise**

Frequently asked questions

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HPE ONEVIEW 5.4



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GENERAL HPE ONEVIEW QUESTIONS

Q. What are the advantages of HPE OneView?

A. HPE OneView is the foundation of today's software-defined infrastructure, helping IT administrators deploy infrastructure faster, simplify lifecycle operations, and increase productivity. IT administrators have the ability to compose any workload like code that increases agility and enables predictability. IT administrators can connect their infrastructure from core to cloud by provisioning turnkey private cloud infrastructure, integrate with preferred platforms, and deliver projects and outcomes desired by key stakeholders.

HPE OneView improves infrastructure management for the following HPE appliances:

- **Compute:** HPE Synergy, HPE BladeSystem, HPE ProLiant (DL and ML), HPE Apollo Systems, HPE Superdome X, and HPE Superdome Flex
- **Storage:** HPE Primera, HPE 3PAR StoreServ, HPE Nimble Storage, HPE StoreVirtual VSA, and HPE ConvergedSystem
- **Networking:** HPE Virtual Connect, Arista ToR switches

Q. What is a software-defined approach to lifecycle management?

A. The software-defined approach to lifecycle management in HPE OneView automates operations to reduce the cost and time to deliver IT services. This approach includes a fully programmable interface to easily create customized workflows, scripts, and configuration profiles for push-button builds that instantly deliver resources without mistakes or variations. Workflow templates capture best practices and policies to increase productivity and enable compliance and consistency. Built-in intelligence automates common IT infrastructure management tasks usually done by people, and connections to Smart Update Manager automate firmware and system software maintenance.

Q. Can I customize functionality and integrate HPE OneView with my existing tools and environment?

A. HPE OneView provides a fast and modern user interface for users, and an open development platform using the Representational State Transfer application-programming interface (REST API). The REST API is designed for those who wish to access full power of the management architecture. A consistent API, a common data model, and a state-change message bus replace the hodgepodge approach found in traditional systems. REST APIs provide a simpler, stateless, and scalable approach, so users can easily integrate, automate, and customize on their own. Developers in the ecosystem are also interested in REST APIs because they are powerful and pervasive in today's web-based environments.

Q. Does HPE provide integration kits for customers who do not wish to develop their own?

A. Ansible, PowerShell, Chef, Puppet, Terraform etc., are all integrations where customers can use to embed within their existing workflows, and reduce not only time to delivery, but also help avoid "vendor lock-in". For more info, refer to hpe.com/us/en/solutions/developers/composable.html.

Q. Is HPE OneView a refresh to existing HPE infrastructure management tools or a brand-new design?

A. The HPE OneView architecture has been designed to provide a resource-oriented solution that focuses on the entire hardware lifecycle—from initial configuration to ongoing monitoring and maintenance of both logical resources (like server profiles, networks, and connections) and physical resources (like servers, interconnects, and enclosures). This advanced architecture connects the resources with a common representation of the servers, networks, and storage for the converged infrastructure. The powerful domain-specific representation of resources also models their associations and interdependencies, which enables each area to contribute to the "one view" of the converged infrastructure. The HPE OneView modern architecture also separates the management and data backplanes in accordance with best industry practices, which can be particularly critical in isolating your management infrastructure from security threats such as denial-of-service (DoS) attacks.

Q. What capabilities does HPE OneView offer?

A. HPE OneView provides a wide variety of capabilities for managing converged infrastructure, including:

- Converged management architecture for HPE servers, storage, and network management (HPE Virtual Connect and select third-party switch platforms)
- Software-defined control (profiles, templates, groups, and sets)
- Open integration using the REST API and state-change message bus
- Automated storage provisioning
- HPE Virtual Connect (VC) management
- Pervasive Smart Search and MapView
- Remote management with HPE Integrated Lights Out (iLO)



- Environmental (power and thermal) management
- System health monitoring
- Firmware compliance management and updates
- Integrated Remote Support
- HPE Remote Technician for remote troubleshooting
- Server provisioning
- Cluster provisioning and rolling updates for VMware vSphere®
- Security
- Appliance backups
- VMware® integrations
- Microsoft integrations
- Web-based training to basic product proficiency
- Three years of Technical Support and Updates (TS&U)

These capabilities deliver converged management that reduces infrastructure complexity with automation simplicity. It's a modern, integrated workspace for IT team collaboration, which automates the deployment and management of infrastructure repeatedly, reliably, and at scale.

Q. How is HPE OneView licensed?

A. The HPE OneView management appliance controls licenses. The same management appliance can be used for both HPE OneView Advanced licenses and for HPE OneView Standard. This choice is made by the user when they initially add their system to the HPE OneView management appliance.

- HPE OneView Advanced provides full-featured licenses, which can be purchased for managing Gen8, Gen9, Gen10, and Gen10 Plus servers. All HPE OneView Advanced versions are licensed “per physical server”. These licenses include three years of 24x7 Technical Support and Updates (TS&U) and access to introductory one-hour web-based training (WBT) providing an overview.
- There are two types of HPE OneView licenses:
 - HPE OneView with iLO Advanced
 - HPE OneView without iLO Advanced

HPE OneView Standard can be used for inventory, health monitoring, alerting, and reporting without additional fees. HPE OneView Standard can monitor Gen6, Gen7, Gen8, Gen9, Gen10, and Gen10 Plus servers. The user interface is similar to the HPE OneView Advanced version, but the software-defined functionality is not available. Once deployed, both storage and servers are monitored in HPE OneView, and the storage topology is viewable in MapView. It doesn't include Support and Updates. An annual 9x5 Support and Updates offering is available for additional fee with SKU K6F98AAE.

The HPE OneView management appliance controls the licenses. HPE OneView appliance software can be downloaded from [HPE Software Center](#).

Please note that HPE OneView Licenses are not transferrable from server to another server. This applies to licenses of both types

- HPE OneView with iLO
- HPE OneView without iLO

Also, when customers need to move a server from HPE OneView appliance A to HPE OneView appliance B, they need to manage the total count of licenses so they don't use more licenses than they have purchased. They can contact HPE Pointnext Services support as needed.

HPE OneView Advanced management software can be used for 60 days without charge. This is a trial period, and after 60 days, customers must apply HPE OneView licenses.

For HPE Synergy systems no additional HPE OneView license is required (licenses are included with the Synergy systems).



Q. Can HPE OneView be configured to automatically back up its configuration state?

A. Yes. As outlined within the Online Help, the appliance can be configured to back up the appliance configuration on an administrator defined schedule. Appliance backups can be scheduled to execute either daily or weekly, to a supported remote location (SCP or SFTP).

Q. Have there been any improvements in refresh time after an update to the latest release 5.4?

A. Yes, after updating to HPE OneView 5.4 from 5.2 or 5.3, there is a significant improvement in refresh time.

Q. Does HPE OneView support selectable size support dumps?

A. Appliance support dumps can be very large in size, which takes time to generate and then transfer to and authorized HPE support representative. With the latest release of HPE OneView customers will be able to, when instructed by HPE support, which internal log files to select for an appliance support dump. This will make the file much smaller, and easier to transfer.

UPDATE**Q. How can I check if my HPE OneView appliance is ready for update?**

A. Run the HPE OneView Update Readiness Checker prior updating to HPE OneView 5.4. The HPE OneView Update Readiness Checker evaluates the appliance health to update to the next HPE OneView version. The update readiness checker looks for a known set of conditions prior proceeding with an appliance update and is supported on HPE OneView 4.2 and newer. New checks are frequently added and the latest version of the update readiness checker can be found at hpe.com/support/ov-urc.

Q. What is an HPE OneView release Milestone?

A. A release milestone is a release with enhanced update architecture. Release milestones are used to communicate which HPE OneView releases include a new release update architecture and that subsequent releases require updating to this version before updating beyond it.

Q. Why do I have to update to a milestone release?

A. There are new update architecture improvements which are a necessary step and pre-requisite prior to updating to the next release. Future releases are dependent on the new update architecture.

Q. When is the first milestone release planned?

A. HPE OneView 5.4 is the milestone release. Before updating beyond HPE OneView 5.4, users must update to this version.

Q. Why is HPE OneView 5.4 a release milestone?

A. HPE OneView 5.4 includes updated architecture as the update process for the HPE Synergy Composer has changed when updating from HPE OneView 5.3 as the standby composer will update first, and the operating system for the HPE OneView appliance has also been updated.

Q. How will I learn about which HPE OneView releases are designated a milestone release?

A. Communication about the HPE OneView update path and milestone releases will be posted on the HPE OneView lifecycle page, in the release notes and on the HPE OneView NDA roadmap presentation.

Q. Will HPE Synergy Composers and the HPE OneView virtual machine appliance have different milestone releases?

A. No, milestone releases will be the same for both Synergy Composer and the virtual machine appliance.

SERVER**Q. What server platforms are supported by HPE OneView?**

A. Please refer to [HPE OneView Support Matrix](#) for a list of supported platforms.

Q. Can I create a template from an existing profile?

A. Yes, with HPE OneView, a user can create a template from an existing profile.

Q. Does HPE OneView support granular access control?

A. Yes, HPE OneView supports Scope Based Access Control (SBAC) that extends the role based access control by restricting a role (e.g., Server, Storage, or Network Admin) to operate only on a subset of resources managed by the appliance. Additionally, GUI Restricted Scope Filtering provides HPE OneView administrators the ability to restrict access of various users to see only a subset of resources managed by the appliance. This feature only limits access in the GUI. It does not limit access via the API.



Q. What is two-factor authentication and is it supported by HPE OneView?

A. Yes, HPE OneView supports two-factor authentication using X.509-based smart cards such as those supporting the Common Access Card (CAC) and Personal Identity Verification (PIV) card standards.

Additional, HPE OneView supports two-factor authentication when communicating to Gen10 iLO 5, including iLO 5's strict two-factor modes where the use of the plain usernames/password authentication is disabled.

Q. What is an SPP?

A. The Service Pack for ProLiant (SPP) is a comprehensive ISO image package that includes firmware, drivers, and tools for [HPE ProLiant servers](#) and infrastructure, including a broad range of multi-generational HPE ProLiant servers.

Q. Does HPE OneView use SPPs to update the firmware and driver of servers?

A. Yes, HPE OneView uses the SPPs to distribute updates and leverage System Update Manager, or SUM.

Q. Does HPE OneView support external repository to store SPPs?

A. Yes, HPE OneView supports external firmware repositories whose size is limited only by the space available on the remote web server.

Q. Can you schedule the activation of firmware and OS driver updates?

A. Yes, with HPE OneView you can schedule the reboot, which will activate the firmware and OS drivers. This feature is supported for Windows, Linux®, and VMware ESXi™. Significantly reduce or eliminate downtime for updates with orchestrated rolling cluster updates, online BIOS and firmware updates for ProLiant, and secure iLO repository offline updates. This schedule can be cancelled or rescheduled as needed.

Q. Does HPE OneView allow online profile configuration changes?

A. HPE OneView allows users to perform profile configuration changes while the server is powered on. When updating an inconsistent server profile from the template, automatic updates can be staged if the server is powered on. At the next power off initiated from HPE OneView, the user is informed of the update and can either allow the update or postpone the update. Please refer to [HPE OneView documentation](#) for more details.

Q. What tools does HPE OneView use for Firmware and Driver updates?

A. Keeping server firmware and drivers updated can be a daunting task. HPE OneView is an Infrastructure Management tool, which automates complex activities and leverages many of the tools that HPE customers are familiar when updating firmware and drivers. Products like the Service Pack for ProLiant (SPP), System Update Manager (SUM), System Update Tool (SUT), and Agentless Management Service (AMS) are used by HPE OneView. While HPE OneView orchestrates the sequencing and installation of firmware and drivers, it relies on these HPE tools, which operate in the background determining which components to install, understanding their dependencies, installation order and providing status. Updating firmware and drivers manually is time-consuming task but HPE OneView removes the complexity required for updating servers.

Q. How does HPE OneView handle Firmware and Driver updates?

A. The update process HPE OneView utilizes is different between generations of servers (Gen8/9/10) as the update capabilities of the hardware are different. With ProLiant Gen10 and iLO 5, HPE introduced online firmware updates, which allows for firmware and drivers to be pushed to the iLO NAND for installation in real time improving the total server firmware update time required. Keep in mind that some firmware and/or drivers still require a server reboot to activate (i.e., BIOS firmware, or NIC driver), so it's important to understand the implications of updating a server in production. Using HPE OneView with ProLiant servers, you can schedule updates to occur immediately, at a scheduled time or during next maintenance window. Updating firmware and drivers on ProLiant Gen8/9 and iLO 4 utilizes SUT to push and install updates via a different process, which can take longer.

Q. Does HPE OneView support configuration of iLO settings?

A. HPE OneView supports configuration of certain iLO settings as part of the Server Profile and the Server Profile template such as setting the iLO hostname and configuring drive encryption as supported by iLO.

Q. What is maintenance mode?

A. When a server is placed into maintenance mode, email alerting is suppressed for just that resource, until the administrator manually disables the mode. Any events that happen when the server resource is in maintenance mode will be lost, and not received externally. Maintenance mode is useful to disable notifications that occur during routine tasks, such as rebooting a server.

Q. Does HPE OneView support multi-select servers for maintenance mode?

A. Administrators can now use common multi-select techniques—CTRL or Shift and select—to quickly enable or disable maintenance mode for multiple servers at the same time. This reduces the need to individually set this setting on multiple server hardware resources.



Q. Can I view DIMM inventory with HPE OneView?

A. HPE OneView provides GUI views of memory DIMM slots with status of empty or populated for Gen10 systems. Memory DIMMs populated include details on memory size/type/part number information.

Q. Does HPE OneView support IPv6?

A. HPE OneView can now support a pure IPv6 environment. The appliance no longer requires an IPv4 address to be configured to the management interface. Infrastructure components, like iLO, can be configured for IPv6, either SLAAC, DHCPv6 or static assignment, and HPE OneView will utilize that address for monitoring and management. HPE OneView Remote Support now actively supports IPv6 connectivity to HPE's data collection back end. Please refer to the [HPE OneView Remote Support FAQ](#) for more information.

Q. Does HPE OneView provide firmware compliance checking?

A. HPE OneView provides an innovative concept for managing firmware compliance at scale for all Gen9, Gen10, and Gen10 Plus servers (racks included) as well as shared infrastructure for HPE BladeSystem and Synergy. This new approach provides a quick and easy way to identify critical security updates at scale. This feature automates compliance reporting and helps protect against configuration drift (which ensures configuration consistency across the infrastructure). Additionally, this feature allows the user to apply various filter views and export into Excel and CSV formats.

Q. Does HPE OneView display the OS name?

A. HPE OneView now supports display of the server operating system name and version within the server hardware details screen and via the HPE OneView API. The OS field is also searchable using plain text like "Windows", or from the server hardware page using the keyword "operatingSystem".

Q. How can I view the iLO license type on a server?

A. The license type currently installed on the iLO is now available on the server hardware details screen and available in the HPE OneView API. The license field is also searchable using plain text like "iLO Advanced", or from the server hardware using the keyword "mpLicenseType". For example, to search for all iLOs with no license, go to the server hardware page and enter "mpLicenseType:" in the search box.

Q. Does HPE OneView support HTML iLO console?

A. HPE OneView 5.3 and 5.4 support an HTML5 iLO console. This enhancement is supported on all HPE ProLiant Gen8 and newer servers.

Q. If driver components are not compatible with the newer firmware, will HPE OneView apply those firmware components, which have a dependency on newer drivers?

A. With the latest release, HPE OneView installs the required new drivers on the first attempt and then re-runs the update to install the firmware that could not be installed on the first run. This feature also retries components that may have failed due to a transient error on the first run.

Q. Does HPE OneView recognize the iLO Server Critical Fault event?

A. HPE OneView remote support will now recognize the iLO Server Critical Fault event and will create a case at the HPE data center.

Q. Is there a test to verify server connectivity to HPE data center?

A. A new test feature is available to verify systems' connectivity to the HPE data center. Any iLO 4 and iLO 5 based ProLiant server has the option through the HPE OneView Remote Support page to send a test event to the HPE data center to confirm connectivity. The test event will generate a case for confirming end-to-end connectivity, thus ensuring that subsequent service events from the system will be able to generate a support case.

Q. Does HPE OneView support graceful shutdown for Superdome Flex systems?

A. The latest release of HPE OneView adds the option for the graceful shutdown of a Superdome Flex server when powering down a partition. Previously, only a hard shutdown was available. Note that the operating system running on the partition needs to support responding to the shutdown signal for this to work.

Q. Does HPE OneView support Secure boot for Superdome Flex systems?

A. Yes, HPE OneView supports Secure boot for Superdome Flex systems through the server profile. Secure boot can now be enabled or disabled from the server profile.

Q. How is HPE OneView licensed for Superdome Flex systems?

A. SKU R4P95AAE HPE OV SD Flex 3yr 24x7 E-LTU is required for HPE OneView Advanced license. This SKU is also required for HPE OneView standard, or/and HPE OneView Advanced support. This is licensed per chassis, so may need to purchase more than one depending on the system configuration.



Q. Does HPE OneView integrate with HPE InfoSight?

A. HPE OneView Analytics powered by HPE InfoSight will be a Tech Preview in the 5.3 release. HPE InfoSight uses AI to make every system smarter and more self-sufficient to predict and automatically resolves issues. HPE OneView will harness this capability to gather data from thousands of connected systems and proactively suggest remediation. HPE OneView analytics proactively notifies customers of relevant customer advisories.

Q. How can I view my Remote Support alerts?

A. The HPE OneView dashboard now includes a new Remote Support Alerts bar chart that helps you view your devices' Remote Support tickets (cases) and Remote Support notices. The new bar chart enables the customer to view tickets that remain open for their HPE OneView monitored and managed devices, tickets that have been closed, and Remote Support Notices for which there are recommended actions that do not have a corresponding ticket at the HPE data center.

Q. How can I easily identify a server location in Remote Support tickets?

A. HPE OneView includes rack location information in the Remote Support tickets and email notification, which helps identify which server needs attention and locate that device more conveniently.

Q. Can HPE OneView provide SSD wear status information?

A. Yes, starting with HPE OneView 5.4, HPE OneView provided the ability to display the SSD wear status from the storage section of the Server Hardware page. In HPE OneView 5.3 we provided the ability to pull SSD wear status information from the API. SSD drive wear information is only available for Gen10 and above servers.

STORAGE**Q. Does HPE OneView support HPE Nimble Storage?**

A. HPE OneView automates HPE Nimble Storage volume provisioning via server profiles, server profile templates, volume templates, or standalone volumes. This capability adds iSCSI storage path configuration from servers to HPE Nimble Storage volumes for boot, private data, or shared data volumes. HPE Nimble Storage Fibre Channel is also supported. This feature provides automated Fibre Channel (FC) SAN storage volume provisioning for HPE Nimble Storage systems. HPE OneView delivers both iSCSI (v4.2 release) and Fibre Channel (v5.0 release) support for HPE Nimble Storage provisioning. Utilizing HPE OneView server profiles, users can automatically zone the FC fabric and provision HPE Nimble Storage volumes. Refer to hpe.com/storage/spock for interoperability and support requirements.

Q. If Flat SAN is used, can you see FC bandwidth usage data?

A. If SAN direct attach is used, you can use the VC uplink port utilization to see the FC bandwidth used. Improvements to end-to-end SAN fabric utilization, troubleshooting, and diagnostics are planned for a future release. This is supported with HPE 3PAR StoreServ, HPE Primera, and HPE Nimble Storage systems.

Q. What is the HPE OneView support for Brocade FC ICM?

A. The Brocade FC interconnect module, is un-managed as an interconnect module in HPE OneView, however HPE OneView will manage it as part of the SAN fabric for auto-zoning when using managed SAN storage. HPE OneView will not configure the downlinks from the ICM to the server.

Q. What can I use for Brocade SAN automated zoning now that Brocade has initiated the end of life (EOL) process for BNA?

A. To manage Brocade SANs HPE OneView supports the Brocade FOS Switch that utilizes the new Brocade FOS switch REST API to manage Brocade SAN with the similar auto-zoning capabilities as BNA-based management.

Q. Does HPE OneView support automated volume provisioning?

A. Yes, HPE OneView supports profile-driven automated volume provisioning on HPE 3PAR, Primera, and HPE Nimble Storage systems.

Q. Does HPE OneView support StoreVirtual managed nodes?

A. Yes, HPE OneView provides the ability to support StoreVirtual storage systems and configure provision full/thin volumes from its storage pool. Support for Storage Volume Templates to provision volumes from StoreVirtual storage pools and set/enforce volume settings.

Q. Does HPE OneView support automated SAN Storage volume provisioning for DL/Apollo Servers?

A. Yes, HPE OneView provides the ability to provision and automatically zone Fibre Channel storage for DL and Apollo servers. Utilizing HPE OneView server profiles, users manually enter HBA WWPNs in the profile and HPE OneView will automatically zone the FC fabric and provision HPE Nimble Storage or HPE 3PAR storage volumes. This is data volume only.



Q. Does HPE OneView support automates SAN data volume provisioning of DL/Apollo servers over iSCSI networks?

A. The latest release of HPE OneView provides automated server profile SAN data volume provisioning and attachment with DL/Apollo servers over iSCSI networks in network set connections to HPE Nimble Storage arrays (data volumes only).

Q. Does HPE OneView support Brocade SAN storage?

A. Yes, HPE OneView supports auto-zoning on Brocade SANs. This can be done via BNA or HPE OneView communicating directly with the switches using the FOS SAN manager.

Q. Does HPE OneView support load balancing for HPE 3PAR, HPE Primera, HPE Nimble Storage systems?

A. HPE OneView supports SAN volume attachment configuration path load balancing across HPE Primera/HPE 3PAR/HPE Nimble Storage nodes and couplets for “best practice” fault tolerance auto-configuration of paths. The customer benefit of this capability is it allows customers to create and assign server profiles from a single Server Profile Template with SAN storage (boot and data), and their volume attach path configuration will automatically be load balanced across the SAN and storage system resources.

Q. Does HPE Nimble Storage support mixed protocol array (FC+iSCSI ports)?

A. HPE OneView now supports HPE Nimble Storage 5.1 mixed protocol storage capabilities. Specifically, HPE OneView now supports HPE Nimble Storage 5.1 multi-protocol leveraging both FC and iSCSI ports on a single storage array. Customers can use the protocol that best addresses their use case based upon the volume’s usage. Servers can be configured to access storage using both protocols at the same time. In addition, storage systems can be configured to serve storage using both protocols at the same time.

NETWORKING AND VIRTUAL CONNECT**Q. Can I do a migration from the Virtual Connect Manager to an HPE OneView environment without the need to power off servers?**

A. Yes, HPE OneView supports migration of Virtual Connect Manager to HPE OneView without the need to power off servers. Customers are encouraged to complete their migrations, as this feature may not be included in future HPE OneView releases.

Q. How many FlexNIC/FlexHBA per port does the FlexFabric support in HPE OneView?

A. HPE OneView supports eight physical functions. Refer to [HPE OneView Support Matrix](#) for more information regarding capable adapters.

Q. Does HPE OneView support the LACP on s-channels?

A. LACP on s-channels (Synergy only)—when combined with MLAG on uplink ports, provides true end-to-end link aggregation from the compute node to the upstream network infrastructure.

Q. What is an Active/Active configuration?

A. Smart Link and non-redundant configurations—For VC on c7000, an Active/Active configuration is an Ethernet network configuration that allows active traffic on the same VLAN to egress multiple VC interconnect modules and provides full use of all uplink ports (no uplink port in standby mode), doubles the available bandwidth while maintaining redundancy.

Q. Does HPE OneView support downgrading the VC interconnect LI without forced option?

A. HPE OneView provides now enhanced customer experience by providing customers the ability to downgrade LI/VC interconnect firmware without forced option. This enhancement allows customers to update or downgrade any version of an interconnect’s firmware, where the interconnect is not configured, without having to use the force option.

Q. How does HPE OneView work with HPE switches? What can be done today in terms of management and configuration?

A. HPE OneView and Virtual Connect are compatible with HPE upstream switches. HPE OneView does not actively monitor or manage HPE upstream switches at this time.

Q. Can HPE OneView manage the external top-of-rack Cisco (ToR) switch?

A. Yes, HPE OneView provides monitoring of power and state of selected Cisco 5K/6K models. It provides monitoring of vPC stacking (ports and health) and monitoring and configuration of switch internal ports.

Q. Can HPE OneView manage the external top-of-rack Arista (ToR) switch?

A. Yes, HPE OneView 4.2 and above will monitor Arista Leaf ToR switches and model them as part of the Logical Switch resource. It will display physical switch and port attributes, such as switch model, and health information, as well as, LLDP neighbor data, connector info and per port statistical information. HPE OneView will configure Synergy ICM and compute profile connectivity while simultaneously provisioning corresponding VLANs to the Arista ToR ports connected to the Synergy ICMs.



Q. Does HPE OneView support Cisco ACI integration?

A. Yes, HPE OneView provides Synergy customers enhanced customer experience by providing a single point of automation and management for the Cisco ACI fabric, policy enforcement, and health monitoring of the network. This integration provides centralized application-level policy engine for physical, virtual, and cloud infrastructures and detailed visibility, telemetry, and health scores by application and by tenant.

PARTNER INTEGRATIONS**Q. What is HPE Composable Ecosystem Program?**

A. HPE OneView customers can now transform their infrastructure, compose every workload, and connect from core to cloud while still working with the composable ecosystem partners such as Morpheus, Micro Focus, and CANCOM. A growing list of automation partners is taking advantage of the unified API in HPE OneView, providing businesses with a wide range of automation tools, including Ansible® by Red Hat®, Chef® Software, Puppet, PowerShell, Python, Terraform, and VMware vRealize® Orchestrator™. HPE is continuing to work with ISV partners to further enhance and expand the HPE Composable Infrastructure Partner Program. By integrating with the unified API in HPE OneView, ISVs can provide solutions that reduce the time their customers spend managing their environments.

By integrating with the unified API in HPE OneView, ISVs can provide solutions that reduce the time their customers spend managing their environments. For more information, please refer to hpe.com/info/composableprogram.

Q. What Microsoft plug-ins are supported with the latest HPE OneView release?

A. HPE OneView for Microsoft System Center is a collection of extensions that expose HPE management features within the context of the System Center consoles (System Center Virtual Machine Manager [SCVMM], System Center Operations Manager [SCOM], and System Center Configuration Manager [SCCM]). This integration provides functionality such as comprehensive system health and alerting, driver and firmware updates, OS deployment, detailed inventory, enhanced provisioning (integrated with HPE OneView server profiles), and

HPE fabric visualization. HPE OneView for Microsoft System Center integration includes SCVMM capabilities for server-profile-based deployment and cluster expansion, cluster and HPE 3PAR storage views. More information can be found at hpe.com/products/ovsc.

HPE OneView for Microsoft Azure Log Analytics provides a bridge between Microsoft cloud management services and HPE hardware infrastructure. It allows you to manage on-premises HPE infrastructure with the same Microsoft tools used for cloud services. HPE OneView for Microsoft Azure Log Analytics brings visibility of the underlying HPE infrastructure, including hardware and firmware inventory, infrastructure health and status, and long term event correlation and trend analysis. Data is automatically collected from HPE OneView and processed using the Azure Log Analytics engine running in the Azure public cloud. More information can be found at hpe.com/products/ov4la.

HPE OneView extension for Windows Admin Center provides server inventory, health status, firmware and driver monitoring, as well as network inventory management of HPE ProLiant and Synergy servers, including HPE OneView Server Profiles and HPE Virtual Connect networking. More information can be found hpe.com/us/en/alliance/microsoft/ws-admin-center.html.

Q. What VMware plug-ins are supported with the latest HPE OneView release?

A. HPE OneView for VMware vCenter®, VMware vRealize® Operations Manager™, and VMware vRealize® Log Insight™ seamlessly integrates the manageability features of HPE Synergy, ProLiant, BladeSystem, and Virtual Connect with VMware solutions. This provides deep insight and control of virtualized HPE Converged Infrastructure environments while reducing the time it takes to make important changes, increasing capacity or manage planned and unplanned downtime. VMware vCenter Operations Manager and Log Insight integrations deliver powerful analytics and deeper troubleshooting tools to your VMware administrators.

HPE OneView for VMware vRealize Orchestrator helps customers automate complex IT tasks in an extensible and repeatable manner. It provides a predefined collection of HPE tasks and workflows that can be used in vRealize Orchestrator (vRO), with easy-to-use, drag and drop access to automation of HPE OneView managed hardware deployment, firmware updates, and other lifecycle tasks. HPE OneView for VMware vRealize Orchestrator allows the advanced management features of HPE OneView to be incorporated into larger IT workflows. HPE OneView workflows and actions can also be integrated in VMware vRealize® Automation™ via vRealize Orchestrator. More information can be found at hpe.com/products/ovvcenter.

Q. How are the partner integrations licensed for VMware and Microsoft?

A. Partner integrations are licensed with both HPE OneView and HPE Synergy. Basic functionality for monitoring and health are supported with HPE OneView Standard licenses. All other advanced functionality requires HPE OneView Advanced licenses.



HPE ONEVIEW REMOTE TECHNICIAN

Q. Does Remote Technician require Remote Support?

A. No, Remote Technician works through a different secure communication channel to HPE and does not require Remote Support to be enabled.

Q. Is there a charge for Remote Technician?

A. No, all you need is a warranty or support contract. This is needed to open a support case. There is no charge for Remote Technician.

Q. Is a support case required for Remote Technician?

A. Yes, a support case is needed to log details of your issue.

Q. Do I need to add firewall rules?

A. For HPE Remote Technician, the TLS connection uses port 443. A Proxy server is required for Remote Technician until a future release. There should be no restrictions on the proxy or firewall, which will block traffic to the DNS A record (midway.ext.hpe.com/home/) or to any of the IP addresses of the 7 production midways. (Some customers may have rules restricting traffic only to specific hostnames and not to IP address.)

Q. Can I time-box access? Does it time out?

A. Currently, it's not possible to set a time limit on a session. This is being considered for a future release. You can terminate a session at any time from within HPE OneView.

Q. Will the access be tracked and audited—what somebody did to what resource at what time?

A. Once the remote technician has logged into your HPE OneView instance, all their actions will be recorded in the audit log just as they would with any of your employees.

Q. Will keystrokes be captured?

A. The only auditing available today is via the standard audit log.

Q. What is the benefit of this versus using HPE MyRoom for screen sharing?

A. With HPE OneView Remote Technician, you don't have to be present or involved. You can allow your trusted technician, subject to your security authorizations/policies, to troubleshoot and resolve issues while you get on with meetings or while it is after hours for you. The technician can quickly reproduce issues in your HPE OneView instance, as they are actually experiencing the issues for themselves.

Q. Does Remote Technician make it easier to provide support dumps and logs?

A. Yes, the Technician can get the support dump and logs directly from your HPE OneView instance, saving you from having to go through that process.

Q. Is this technology unique to HPE OneView—how mature is it? How many people are using it?

A. No, this technology has been in use for many years for other HPE products including HPE StoreServ products.

Q. Will Remote Technician be available for Image Streamer?

A. This is planned for a future release.

Q. Is there a terminate remote technician if something is amiss?

A. Yes, within HPE OneView there is an option for the customer to immediately disconnect a remote technician session.

GLOBAL DASHBOARD

Q. What is HPE OneView Global Dashboard?

A. HPE OneView Global Dashboard provides a unified view of health, alerting, and key resources managed by HPE OneView across multiple appliances and data center sites.

Q. How does HPE OneView Global Dashboard help customers manage at scale?

A. HPE OneView Global Dashboard provides customers with a unified view of the health of their servers, profiles, and enclosures across multiple virtual and physical appliances managing up to 75 appliances, and 25 HPE SimpliVity systems.

Q. What systems does HPE Global Dashboard support?

A. HPE OneView Global Dashboard supports HPE BladeSystem c-Class, HPE ProLiant DL, HPE Synergy, HPE SimpliVity, HPE Primera, HPE 3PAR, HPE Nimble Storage, HPE Apollo, HPE ML, and HPE Superdome X, and Superdome Flex systems.



Q. Can a user access inventory and health status information consolidated by HPE OneView Global Dashboard using an API?

A. HPE OneView Global Dashboard provides a RESTful API that allows users to write scripts to easily access inventory, health status, and alerting information consolidated from all connected HPE OneView software appliances, as well as HPE Synergy, and HPE SimpliVity systems.

Q. How is HPE OneView Global Dashboard delivered?

A. HPE OneView Global Dashboard is delivered as a separate virtual appliance. The right to use is included with the HPE OneView Advanced license, HPE Synergy, HC380, and HPE SimpliVity systems.

Q. Can I schedule an HPE OneView Global Dashboard report?

A. After running a report, you can schedule it to automatically run in the future, starting with HPE OneView Global Dashboard 1.5.

Q. How can I track the assignment of HPE OneView licensed across my data centers?

A. HPE OneView Global Dashboard provides a License report that enables users to track HPE OneView license assignment across multiple appliances and data centers.

Q. Does HPE OneView Global Dashboard support IPv6?

A. Users can access HPE OneView Global Dashboard and HPE OneView appliances on IPv6 network.

Q. Does HPE OneView Global Dashboard help you view the OS running on a server?

A. Yes HPE OneView Global Dashboard users can view the OS running on a server in the UI and API.

Q. How can you view servers in Maintenance mode using HPE OneView Global Dashboard

A. HPE OneView Global Dashboard displays servers in maintenance mode in reports, resource pages and a new status ring (donut).

OTHER**Q. Does HPE OneView replace the need for HPE Systems Insight Manager, HPE Insight Control, and HPE Virtual Connect Enterprise Manager?**

A. Yes, managing HPE servers with HPE OneView is intended to replace the capabilities found in HPE Systems Insight Manager (SIM), HPE Insight Control, and HPE Virtual Connect Enterprise Manager (VCEM). HPE Insight Control is now obsolete and in support phase only until April 2021.

Q. Are license upgrades available from Insight Management software to HPE OneView Advanced?

A. Upgrades to HPE OneView Advanced are available from HPE iLO Advanced, HPE Insight Control, and HPE VCEM, with the expectation that the user has maintained current HPE product support (TS&U).

Q. What support and services are available for HPE OneView?

A. HPE OneView Advanced licenses include three years of 24x7 Technical Support and Updates (TS&U) for global support of your product. Annual 9x5 support is optionally available for HPE OneView Standard for an additional fee. HPE also offers uplifted support services for additional fees: HPE Proactive Care, HPE Proactive Care Advanced, and HPE Datacenter Care, along with extended terms of 4 and 5 years.

HPE Startup Installation and Configuration Services and HPE Installation and Migration Services are additionally available. HPE classes are also offered to make you more effective at work. Further technical consulting is available upon request. For more info, see hpe.com/info/services.



Frequently asked questions

Q. How do I get training on HPE OneView?

A. HPE OneView eLearning and (face-to-face or virtual) instructor-led training from HPE Education Services includes a broad range of courses that help you develop skills on your journey to composable infrastructure:

- HPE OneView Overview and Configuration for Synergy (course # HOLN3AAE) is a two-hour online course that demonstrates key solution elements to help you get started.
- HPE OneView Administration (course # H4C04S) is a three-day instructor-led course that covers performing day-to-day administration and troubleshooting tasks using HPE OneView.
- HPE OneView for Synergy—Advanced Topics (course # H8PF6S) is a three-day instructor-led course that provides a deep-dive into managing HPE Synergy solutions. This includes resolving alerts, maintaining firmware baselines and integrating HPE Synergy with other technologies.
- HPE Digital Learner subscriptions provide access to over 5000 hours of online content and labs on HPE technologies, the hottest industry topics and soft skills for personal development. For more information, visit hpe.com/ww/learnconvergedsystems.

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