

HPE OneView Installation and BladeSystem c7000 Migration Service

HPE Lifecycle Event Services

HPE OneView Installation and BladeSystem c7000 Migration Service is a basic fixed-price, fixed-scope installation and startup service for customers transitioning from an existing HPE Virtual Connect Manager/Virtual Connect Enterprise Manager (VCM/VCEM) management environment.

The service includes the installation and configuration of a single HPE OneView virtual appliance on a supported hypervisor host (VMware vSphere® or Microsoft® Hyper-V) on a supported HPE ProLiant server (blade environment). It provides configuration and first-time setup of all managed devices within a single HPE BladeSystem c7000 enclosure. In a rackmount environment, it provides configuration and setup of all managed devices within a single rack.

The service includes bringing the enclosure (or HPE supported ProLiant servers) under management, defining the enclosure's network configuration (networks, network sets, SAN connectivity, etc.), and creating and assigning server profiles for the server blades in the enclosure (or HPE ProLiant servers). Please refer to the current **[HPE OneView Support Matrix](#)** for details on supported products.

The service also includes the migration of a single HPE BladeSystem c7000 enclosure from an existing HPE VCM/VCEM domain to HPE OneView. Hewlett Packard Enterprise will provide a test and verification session to confirm the configuration setup, along with a brief customer orientation session.

An add-on service is available to migrate up to four additional HPE BladeSystem c7000 enclosures to the same HPE OneView environment during the same service engagement as the initial enclosure service described earlier, with the following requirements:

- The add-on product number must be of the same sales order as the initial service
- Up to four additional enclosures can be included per add-on service
- Up to four add-on services can be included per order

For migrations over larger environments (those with more than 17 enclosures), across multiple locations, and from environments other than HPE VCM/VCEM, please contact your HPE account representative.

Service benefits

- Availability of an HPE service specialist to answer basic questions during the delivery of this service
- Delivery of the service at a mutually scheduled time convenient to your organization
- Verification prior to installation that all service prerequisites have been met by the Customer
- Customer orientation session

Specifications

Table 1. Service features

Feature	Delivery specifications
Feature delivery specifications	An HPE service specialist will plan all the necessary activities, including the identification of any prerequisites, and schedule the delivery of the service at a time mutually agreed upon by HPE and the Customer, which shall be during local HPE standard business hours excluding HPE holidays, unless otherwise agreed upon by HPE. Any services provided outside of HPE standard business hours may be subject to additional charges.
Predelivery consultation and service planning	As part of the predelivery process, Hewlett Packard Enterprise will review with the Customer: <ul style="list-style-type: none"> • What is included in this service • The service prerequisites • The predelivery and on-site checklist
Service deployment	As part of the service deployment, Hewlett Packard Enterprise will provide the following: <ul style="list-style-type: none"> • HPE OneView Installation <p>During the service deployment process, the Hewlett Packard Enterprise service specialist will perform the following:</p> <ul style="list-style-type: none"> • Download and deploy HPE OneView virtual appliance on a supported hypervisor (VMware vSphere or Microsoft Hyper-V) or upgrade an existing HPE OneView appliance • Perform the first-time setup steps for the appliance • Specify appliance hostname, IP address, Domain Name System (DNS) servers, network time protocol (NTP) servers, etc. • Validate access to the appliance from a browser client • Download and install the latest Service Pack for ProLiant (SPP) ISO images, as required HPE OneView Migration <p>As part of this service, the HPE service specialist will execute the migration:</p> <ul style="list-style-type: none"> • Assess the current Virtual Connect configuration to be migrated to HPE OneView • For HPE BladeSystem environments, define networks, network sets, Fibre Channel networks, logical interconnect group, and enclosure group, and import the first enclosure • Define and deploy server profiles that define server attributes for HPE ProLiant Gen8 or later generations of HPE ProLiant servers: <ul style="list-style-type: none"> – Firmware baseline (firmware updates will not be executed during the service) – Network connectivity (Ethernet and Fibre Channel) – Local storage and/or SAN storage volume configuration – Boot order – BIOS configuration – Virtual or physical IDs (Ethernet MAC, Fibre Channel WWN, and serial number/UUID) Note: For ProLiant Generation 7 (G7) server blades, some but not all of the server profile attributes listed above are supported. Please refer to the current HPE OneView Support Matrix for details • Add HPE 3PAR StoreServ Storage array and an HPE supported SAN manager, and perform storage configuration • From HPE OneView, enable Remote Support and register the appliance (if allowed by the Customer environment)
Installation verification tests (IVTs)	Hewlett Packard Enterprise will run the appropriate IVTs required for this service.
Customer orientation session	This orientation session will occur on the same day that the installation is completed. The Customer is responsible for ensuring attendance at this session and for providing the necessary logistics to enable Hewlett Packard Enterprise to provide the orientation session. The session is not to exceed one hour.

Service feature highlights

- Feature delivery specifications
- Predelivery consultation and service planning
- Service deployment
- Installation verification tests (IVTs)
- Customer orientation session

Service limitations

Services will be performed during HPE local business days and hours excluding HPE holidays.

The service is delivered as a single event at one physical site on a single HPE BladeSystem c7000 enclosure or more with the add-on service. The service is designed and priced to be delivered remotely.

The following are not supported with this service:

- HPE Integrity servers or HPE ProLiant servers prior to G7.
- More than 1000 virtual LANs (VLANs).
- Assistance with splitting up an existing Multi-Enclosure Stacked Virtual Connect domain.
- Some Virtual Connect features are not supported in the target version of HPE OneView for migration. For a complete list of supported features, refer to the [HPE OneView User Documentation](#). Also refer to [HPE OneView User Guide](#), specifically the **Planning for enclosure migration from VCM into HPE OneView** section.

To perform firmware/driver updates while the server is online, the Smart Update Tool must be installed on the host OS (Windows® or Linux®). If the tool is already installed, HPE will provide an explanation of its capability. Installation of this tool is not included in this service. Firmware/driver updates are not included in this service.

Settings other than those for HPE VCM/VCEM will not be migrated, including HPE Insight Control or Systems Insight Manager (SIM).

For HPE OneView versions prior to v3.0, this service will require that the enclosure and server blades are taken offline during the migration process. With HPE OneView v3.0 and later, migration can be performed online. Online migration requires redundant hardware and connectivity configured for both network and storage to prevent connectivity outages for servers.

Online migration is not available for partially stacked domains.

Service eligibility

The service requires a supported hypervisor host on a supported HPE ProLiant server. The following hypervisors are supported: VMware vSphere (VMware® ESXi™) and Microsoft Hyper-V. HPE OneView virtual appliance system requirements are as follows:

- Four 2 GHz virtual CPUs
- 16 GB of memory dedicated to the appliance
- 272 GB of thick-provisioned disk space
- A connection to the management LAN; Hewlett Packard Enterprise recommends that the Customer has separate networks for management and data
- One static IP address that will be allocated to the appliance

Supported hardware (please refer to the current [HPE OneView Support Matrix](#) for the latest information) includes the following:

- Enclosures: HPE BladeSystem c7000 enclosure
- Servers: HPE ProLiant Gen7 (limited) and Gen8 or later version servers
- Virtual Connect interconnects:
 - HPE Virtual Connect FlexFabric
 - HPE Virtual Connect Flex-10
 - Fibre Channel modules
 - Cisco Fabric Extender¹

¹ Requires separate [HPE OneView B22HP FEX Management License](#).

Supported browsers (please refer to the current [HPE OneView Support Matrix](#) for the latest information):

- Microsoft Internet Explorer
- Microsoft Edge
- Mozilla Firefox
- Google™ Chrome

Customer responsibilities

The Customer will:

- Contact an HPE service specialist within 90 days of date of purchase to schedule the delivery of the service.
- Ensure that all service prerequisites as identified in the [Service eligibility](#) section have been met.
- Uncrate products and place the boxes in the immediate location where the installation service will take place.
- Assign a designated person from the Customer's staff who, on behalf of the Customer, will grant all approvals; provide information; ensure that all hardware (servers, storage, networking), firmware, and software that the HPE service specialist will need in order to deliver this service are available and properly installed, and that software products are properly licensed; and otherwise be available to assist HPE in facilitating the delivery of this service.
- Adhere to licensing terms and conditions regarding the use of any HPE service tools used to facilitate the delivery of this service, if applicable.
- Be responsible for all data backup and restore operations.
- Provide a suitable work area for delivery of the service, including access to an outside telephone line, power, and any network connections required.
- Allow Hewlett Packard Enterprise full and unrestricted access to all locations where the service is to be performed.
- For HPE OneView versions prior to v3.0, take the enclosure and server blades offline during the migration process. With HPE OneView v3.0 and later, migration can be performed online. Online migration requires redundant hardware and connectivity configured for both network and storage to prevent connectivity outages for servers.
- Provide documentation of the Customer's top-of-rack (TOR) network switch and Fibre Channel storage configurations (direct-attach SAN or fabric-attach SAN configurations), login credentials for HPE VCM/VCEM and HPE Onboard Administrator, and toe tag for primary Virtual Connect modules:
 - Verify that the date and time of the HPE VCM/VCEM backup matches the configuration to be migrated
 - Have a networking diagram of the enclosure, complete with port numbers, VLANs, and appropriate location of VLAN tagging

General provisions/other exclusions

Hewlett Packard Enterprise reserves the right to charge, on a time and materials basis, for any additional work over and above the service package pricing that may result from work required to address service prerequisites or other requirements that are not met by the Customer.

Hewlett Packard Enterprise reserves the right to reprice this service if the Customer does not schedule and provide for subsequent delivery within 90 days of purchase.

Hewlett Packard Enterprise's ability to deliver this service is dependent upon the Customer's full and timely cooperation with HPE, as well as the accuracy and completeness of any information and data the Customer provides to HPE.

Data sheet

Travel charges may apply; please consult your local Hewlett Packard Enterprise office.

Activities such as, but not limited to, the following are excluded from this service:

- Service deployment on hardware not covered by an HPE warranty or service maintenance contract
- Service deployment on hardware covered by a third-party maintenance contract
- Services that, in the opinion of Hewlett Packard Enterprise, are required due to unauthorized attempts by non-HPE personnel to install, repair, maintain, or modify hardware, firmware, or software
- Services required due to causes external to the HPE-maintained hardware or software

Ordering information

The initial service of HPE OneView Installation and BladeSystem c7000 Migration Service (a single BladeSystem c7000 enclosure) can be ordered using the following product numbers:

- U1V79E (Fixed Support Service)
- H6K68A1 (Upfront Flex Support Service)
- H6K68AE (Per Event Support Service)

The add-on service (migration of up to four additional enclosures on the same order to be delivered at the same time and location as the initial service; the service does not include the installation of HPE OneView), with a maximum of four add-on services per order, can be ordered using the following part numbers:

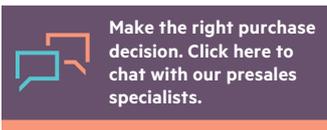
- H4W69E (Fixed)
- H8Q65A1 (Upfront Flex)
- H8Q65AAE (Per Event)

Learn more at

[**hpe.com/services/support**](https://hpe.com/services/support)

[**hpe.com/services/lifecycleevent**](https://hpe.com/services/lifecycleevent)

[**HPE OneView User Documentation**](#)



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