



HPE ConvergedSystem 700 for Hyper-V Deployment Accelerator Service

HPE Technology Consulting

HPE ConvergedSystem 700 for Hyper-V® is a solution that allows you to acquire and deploy a virtualization or private cloud platform with decreased effort and in a reduced period of time. The solution is based on a combination of HPE Networking, Storage, BladeSystem, and Virtual Connect FlexFabric products configured using HPE best practices and a suite of HPE and Microsoft® software components to provide a scalable and manageable solution. Based on feedback from previous generations of products, HPE ConvergedSystem 700 for Hyper-V now includes a Deployment Accelerator Service that is designed to help you deploy the software stack and connect the HPE ConvergedSystem to your existing environment using HPE and Microsoft best practices.

HPE ConvergedSystem 700 for Hyper-V Deployment Accelerator Service is designed to rapidly deploy the software stack associated with the management and compute infrastructure of HPE ConvergedSystem 700 for Hyper-V. Each customer order of HPE ConvergedSystem 700 for Hyper-V includes the Deployment Accelerator Service to provide an elevated total customer experience.

HPE ConvergedSystem 700 for Hyper-V Deployment Accelerator Service provides:

- A predefined architecture that is compliant with and validated for Microsoft Private Cloud Fast Track v4, reducing the time and cost associated with designing and implementing a complex solution
- Network integration of HPE ConvergedSystem 700 for Hyper-V into your network using one of three predefined options
- Configuration of the included storage fabric and array
- Deployment of the Windows® Server operating system to all included physical and virtual machines
- Implementation of several Windows Server failover clusters
- Deployment of several Microsoft System Center components
- An 'as-built' document illustrating the entire system implementation

Service benefits

- Service performed by a Hewlett Packard Enterprise technical specialist
- Reduced implementation time and cost
- Allows your IT resources to stay focused on their core tasks and priorities
- Availability of a Hewlett Packard Enterprise service specialist to answer basic questions during the delivery of this service
- A predefined architecture that is compliant with and validated for Microsoft Private Cloud Fast Track v4, reducing the time and cost associated with designing and implementing a complex solution

Service feature highlights

- OS deployment
- Cluster implementation
- Management infrastructure implementation

Table 1. Service features

| Feature | Delivery specifications |
|---|---|
| OS deployment | <p>The HPE ConvergedSystem 700 for Hyper-V Deployment Accelerator Service rapidly deploys the Microsoft Windows Server operating system on up to 132 physical hosts (based on the specific bill of materials ordered) and up to 18 virtual machines, including the following common configuration aspects:</p> <ul style="list-style-type: none"> • Local administrator password • System name • Page file parameters • Remote desktop enablement • Windows patches • HPE Service Pack for ProLiant • Multipath I/O • Domain join • Remote Windows PowerShell enablement • NIC driver, enablement, binding order, and naming • NIC teams, VLANs, and IP stack • Hyper-V virtual switches and virtual network adapters • Hyper-V virtual SANs • Windows Firewall |
| Cluster implementation | <p>The HPE ConvergedSystem 700 for Hyper-V Deployment Accelerator Service implements five Microsoft Windows failover clusters, including:</p> <ul style="list-style-type: none"> • One Hyper-V cluster to support the management infrastructure • One Microsoft SQL Server cluster to support all System Center workloads • One Microsoft System Center Virtual Machine Manager cluster • Two Microsoft Hyper-V clusters that support general workloads deployed by the Customer <p>The deployment of these clusters includes the following common configuration aspects:</p> <ul style="list-style-type: none"> • Cluster validation • Name and IP address • The ability to initialize, format, and add volumes • Cluster Shared Volumes enablement • Failover and failback policies |
| Management infrastructure implementation | <p>The HPE Converged System 700 for Hyper-V Deployment Accelerator Service implements the following Microsoft products in addition to Windows Server:</p> <ul style="list-style-type: none"> • Microsoft SQL Server 2012 R2 • Microsoft System Center 2012 R2 App Controller • Microsoft System Center 2012 R2 Operations Manager • Microsoft System Center 2012 R2 Orchestrator • Microsoft System Center 2012 R2 Service Manager • Microsoft System Center 2012 R2 Virtual Machine Manager |

Service limitations

- Service delivery cannot begin until the HPE ConvergedSystem 700 for Hyper-V has been physically deployed into the Customer's data center and the HPE ConvergedSystem 700 for Hyper-V included HPE Factory Express have been completed.
- Alterations to the predefined architecture that are compliant with and validated for Microsoft Private Cloud Fast Track v4 are excluded from this service.
- Creation of virtual machine or service templates is excluded from this service.
- Migration of existing physical or virtual workloads is excluded from this service.
- Creation of a service catalog or publishable services is excluded from this service.
- Creation of runbook automation is excluded from this service.
- Customization of any software or hardware component included in the HPE ConvergedSystem 700 for Hyper-V not identified above and not explicitly defined as being included elsewhere in this data sheet is excluded from this service.

Service eligibility

Customers are eligible for the delivery of this service if they meet the following prerequisites:

This deployment accelerator service is designed explicitly to accelerate the deployment of an HPE ConvergedSystem 700 for Hyper-V SKU that has been pre-configured in the factory based on a specific implementation process.

This deployment accelerator service cannot be deployed until the physical hardware (servers, storage, and networking) has been delivered and installed by HPE.

Customer responsibilities

The Customer will:

- Ensure that all service prerequisites as identified in the 'Service eligibility' section have been met
- Perform other reasonable activities to help Hewlett Packard Enterprise identify or resolve problems, as requested by HPE
- Assign a designated person from the Customer's staff who, on behalf of the Customer, will grant all approvals, provide information, and otherwise be available to assist Hewlett Packard Enterprise in facilitating the delivery of this service
- 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
- Be responsible for registering to use a Hewlett Packard Enterprise or third-party hosted electronic facility in order to obtain software product information or to download software patches
- Adhere to the licensing terms and conditions as stated by the original software manufacturer or sales agent
- Work with their HPE Technology Services Consulting representative to provide the following information:
 - Selection of a network connection option
 - User names and passwords
 - IP addresses, subnet masks, and related gateways
 - DNS servers

- VLANs IDs

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'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.

Any services not clearly specified in this document are excluded from this service.

Any services provided outside of Hewlett Packard Enterprise standard business hours may be subject to additional charges.

The HPE ConvergedSystem 700 for Hyper-V Deployment Accelerator Service does not include any training or knowledge transfer. If the Customer requires training or knowledge transfer for any aspect of the HPE ConvergedSystem, HPE Education Services offers a wide variety of training options.

The HPE ConvergedSystem 700 for Hyper-V Deployment Accelerator Service does not provide any consideration for Customer employees executing portions of the service in lieu of an HPE delivery resource. If the Customer prefers to deploy aspects (or the entirety) of the solution themselves, HPE offers an alternate HPE ConvergedSystem SKU (HPE ConvergedSystem Foundation) to which a custom Statement of Work can be added for those aspects of the solution that the Customer would like HPE delivery resources to address.

Ordering information

HPE ConvergedSystem 700 for Hyper-V Deployment Accelerator Service is an embedded (and non-removable) service in every HPE ConvergedSystem 700 for Hyper-V order. The service cannot be removed from such an order and should not be added to any non-ConvergedSystem order. The following is included for clarity only.

HPE ConvergedSystem 700 for Hyper-V Deployment Accelerator Service is comprised of three SKUs. Each SKU covers a specific aspect of the Deployment Accelerator Service, either the management infrastructure, the compute infrastructure, or the network integration. Dividing the work effort into separate SKUs helps account for variability in the ordering process and reduces the cost to the Customer.

HPE ANCIS 5-day Onsite SVC (HL263A1) is a service SKU added to every HPE ConvergedSystem 700 for Hyper-V order (one SKU addition per order). This SKU covers the configuration and integration of the top of rack switches, included with the solution, into the Customers existing network.

The HPE CS700 for Hyper-V Deploy Management SVC (H4W44A1) is a service SKU added to every HPE ConvergedSystem 700 for Hyper-V order (one SKU addition per order). This SKU covers the deployment and configuration of the management nodes and management virtual machines affiliated with the predefined architecture, including all software that is deployed to these systems.

The HPE CS700 for Hyper-V Deploy Compute SVC (H4W45A1) is a service SKU added to every HPE ConvergedSystem 700 for Hyper-V order in a quantity equal to the number of HPE BladeSystem c7000 Enclosures included on the order (ranging from one to four). This SKU covers the additional labor required to implement additional BladeSystem c7000 Enclosures and integrate them into the management infrastructure.

For more information

For more information on Hewlett Packard Enterprise support services, contact any of our worldwide sales offices or visit the following website:

<https://www.hpe.com/tr/en/services/consulting/it-infrastructure.html>

