

HPE Composable Fabric Deployment and Integration Service for Composable Cloud

Advisory and Professional Services from HPE Pointnext

Service overview

HPE Composable Fabric Deployment and Integration Service for Composable Cloud coordinates the installation, configuration, integration, and verification of your new HPE Composable Fabric network environment with HPE Composable Cloud.

This service is delivered remotely and is designed to help you quickly leverage the features and benefits of HPE Composable Fabric. When you purchase this service, an HPE network specialist is assigned to work with you to help you deploy and integrate your new HPE Composable Fabric environment with your network infrastructure. The specialist also helps to accelerate the time to value of the HPE Composable Cloud infrastructure.

In addition, the HPE network specialist also works with you to provide valuable knowledge transfer that can help you to quickly take ownership of your new HPE Composable Fabric solution and the unique value that HPE Composable Cloud brings.

Table 1 provides information on the service features available under Advisory and Professional Services from [HPE Pointnext](#).

Service benefits

- Compliments your IT team with globally available Advisory and Professional Services assistance from HPE Pointnext
- Provides access to HPE Composable Fabric technology expertise to help expedite initial software-defined networking (SDN) design, deployment, and integration
- Delivers expert assistance to help you to learn how to automate network management for your compute and storage lifecycle events, optimize network performance via network path isolation and add simplified scalability in lock-step with your needs without added costs or complexity
- Applies HPE deployment and integration best practices intended to help you simplify and reduce implementation time that can help mitigate costly installation and configuration errors
- Provides valuable knowledge transfer that can help you to take full advantage of HPE Composable Fabric product features
- Verifies prior to deployment and integration that the service prerequisites are met
- Validates your HPE Composable Fabric as fully commissioned and operational

Service feature highlights

- Service planning
- Network integration readiness verification for Composable Cloud
- HPE Composable Cloud network integration
- Knowledge transfer



Table 1. Service features

Feature	Delivery specifications
<p>Service planning</p>	<p>This service is delivered remotely and is designed to provide the customer with a detailed plan and schedule for the delivery of the HPE Composable Fabric Deployment and Integration Service for Composable Cloud.</p> <p>During service planning, HPE conducts remotely delivered service planning meetings with the customer’s designated stakeholders to communicate the list of service activities and confirm that the pre-deployment prerequisites have been addressed.</p> <p>During these meetings, HPE:</p> <ul style="list-style-type: none"> • Works with the customer to review the service details, deliverables, and estimated timelines • Reviews customer-provided documents, which include but are not limited to current network architecture and principles to effectively scope and plan for the services • Identifies any additional changes to the existing network required to prepare for the integration of new HPE Composable Fabric products and documents them in the delivery plan and schedule • Details any product licensing and network prerequisites that must be fulfilled for HPE to perform the services • Identifies any additional information required to allow HPE to deploy resources and begin service delivery • Ascertains possible dates for deployment and integration completion • Creates a mutually agreeable project plan and schedule, as well as determines the appropriate mix of technical and business resources necessary to implement the project <p>HPE works remotely with the customer to coordinate the necessary activities, including identifying any service prerequisites, scheduling, and the coordination of services.</p>
<p>Network integration readiness verification for HPE Composable Cloud</p>	<p>The HPE Composable Cloud with Composable Fabric solution is specifically designed to bring public cloud agility, scalability, and simplicity to the enterprise data center. The solution integrates HPE Composable Cloud with HPE Composable Fabric to deliver a comprehensive and fully integrated hyperconverged solution that includes compute, storage, virtualization, and networking.</p> <p>While delivering the service, an HPE network specialist assists the customer by scheduling remotely delivered collaboration meetings that are aimed at helping the customer to address the following tasks for a single HPE Composable Cloud location. Depending on the customer requirements, HPE works remotely or on-site during service delivery. The verification phase includes:</p> <ul style="list-style-type: none"> • Reviewing key elements of the purchased solution and the associated high-level design and existing core network as applicable, including media, transceiver, routing protocols, loop protection, and more. • Evaluating the recommended network connectivity between the HPE Composable Cloud specified hypervisor of choice and the HPE Composable Fabric Modules. HPE also advises the customer of the different connectivity strategies and load balancing methods where appropriate, to connect to the modules. • Reviewing predefined customer management infrastructure such as VMware vSphere® 6.x based management infrastructure for the HPE Composable Fabric and OneView management appliance(s) and management networks • Reviewing with customer the required credentials for vSphere management and credentials to be created for the HPE Composable Fabric and HPE OneView components • Analyzing the HPE Composable Fabric management user-based roles and explaining typical assignments as needed • Reviewing the customer’s Layer 2 and Layer 3 IP plan as it pertains to the HPE Composable Fabric integration • Examining the existing customer provided DNS and network time protocol (NTP) service configuration and associated fully qualified domain name (FQDN) entries and settings • Reviewing the customer preference of self-signed versus CA signed certificates for SSL security for the HPE Composable Fabric components • Advising the customer on connectivity strategies and network interface card (NIC) teaming methods where appropriate • Providing low-level design documentation to integrate the HPE Composable Fabric solution to the customer’s network
<p>HPE Composable Cloud network configuration</p>	<p>While delivering this service remotely, an HPE network specialist assists the customer with the advanced network configuration and integration of the HPE Composable Fabric solution. This service includes advanced network deployment, configuration, integration, and commissioning of:</p> <ul style="list-style-type: none"> • HPE Composable Fabric software downloads • HPE Composable Fabric Manager controller and HPE OneView deployment • Configuration of the HPE OneView Logical Switch and up to two server profile types • Deployment and configuration of the HPE Composable Cloud integration pack(s) • Installation verification testing



Table 1. Service features (continued)

Feature	Delivery specifications
Knowledge transfer	<p>To close out the HPE Composable Fabric Deployment and Integration Service for Composable Cloud engagement, the HPE network specialist works remotely to present the customer with final low-level design documentation. Using the final documentation, the HPE network specialist also provides a knowledge transfer session to the appropriate customer stakeholders.</p> <p>The activities associated with this service include:</p> <ul style="list-style-type: none"> • Performing a remote knowledge transfer session to facilitate a transfer of network operational control to the customer or the network operator, including: <ul style="list-style-type: none"> – Providing an overview of the completed implementation, with the broad steps taken to achieve the implementation together with the functionality of the deployment • Providing operational tips specific to HPE Composable Fabric such as user guides, cookbooks, and best practices where applicable • Updating design documents, if applicable • Providing examples of the use of VLAN affinities, as applicable • Describing examples of expansion possibilities or additional migration advantages

Coverage

This service is available on regular HPE workdays (excluding weekend days and HPE holidays) during country-specific HPE standard business hours.

Customer responsibilities

The customer will:

- Assign a primary stakeholder to participate in the service planning meeting and follow-on service activity.
- Ensure that a primary stakeholder or designated staff person is assigned and who, on behalf of the customer, will grant all approvals, provide information, and confirm that the hardware, firmware, and software needed to deliver this service are available. They will also make sure that software products are properly licensed and otherwise be available to assist HPE in facilitating the delivery of this service. The designated primary contact will be:
 - Responsible for all customer aspects of the assigned work efforts
 - Authorized to make all decisions relative to the project, including identification and assignment of customer resources
 - Available and able to interface with the HPE assigned resources on day-to-day issues throughout the project
 - Authorized to sign status reports and approve project changes
 - Able to coordinate all work efforts and meeting schedules
- Make sure that all service prerequisites—including, but not limited to, those identified during service planning—have been met prior to delivery of remote and/or on-site services configuration and integration services.
- Provide suitable virtual private network (VPN) or other suitable connectivity for delivery of the remotely delivered services.
- Allow HPE necessary and reasonable network access to all locations where the service is to be performed on-site.
- Be responsible for all current-state and future-state network architectures, designs, and integration projects, within the network environment.
- Provide access to applicable customer management system(s) to host the HPE Composable Fabric controller.
- Give access to network services such as NTP, DNS, default gateways, routes, and remediation, if needed.
- Ensure that all products associated with the tasks to be performed by HPE are ordered and available on-site prior to the start of the services and/or the arrival of the HPE network specialist.



- Provide HPE with the current network architecture, standards, and detailed design documentation that may include, but is not limited to:
 - Project plans and schedules
 - Network topology diagrams
 - Rack placement diagrams
 - Cable maps (device and end station cable numbers, patch panel designation and port numbers, device port numbers, and VLAN information)
 - IP address maps
 - Network environment administrative and management parameters and variables (hostname, administration, users, authorization, administrative IP address, management passwords, SNMP, NTP, DNS server addresses, DHCP, and logging)
 - Current-state information for Spanning Tree, Layer 2 protection mechanism, link aggregation, and advanced VLAN configuration
 - Migration documentation from the customer's existing network infrastructure equipment
 - Integration specifications and documentation for any non-HPE equipment
 - SSID-to-VLAN mapping
 - Security for each SSID
 - LDAP or RADIUS server to facilitate wired and wireless LAN security where required
- Make modifications to the existing network including validation of connectivity to all endpoints that are required and identified during the planning stages of this service, prior to HPE performing configuration and integration tasks.
- Advise HPE of any special security, health, and safety matters applicable to the customer site where the service is to be provided.
- Provide to HPE, on request, any information that we may reasonably request about the execution of the service.
- Coordinate all required internal/third-party participation and cooperation.
- Assign or make available experienced subject-matter and technical experts, upon request or as needed.
- Provide HPE with the necessary access to customer building facilities and computer room facilities, as well as access credentials for logging into all servers, databases, and services for the service planning, as required.
- Purchase or provide all hardware, software, licenses, staff, current maintenance contracts, and environments necessary for HPE to deliver the service.
- Be responsible for developing (with HPE's assistance) and applying any configurations to third-party network equipment that are required in order to integrate with HPE Composable Fabric.
- Ensure all existing and new cabling are available.
- Be responsible for any notifications to network operations and any change control documentation that must be completed.
- Take responsibility for formal cutover with HPE's assistance.
- Provide a suitable work and meeting area commensurate with the number of on-site HPE consultants and customer subject-matter experts assigned to the analysis, including desks, chairs, telephones, and internet/HPE network access through a VPN.

Service limitations

- HPE does not modify any configurations of any equipment that is not part of HPE Composable Fabric services.
- PE Composable Fabric Control High Availability services are not included in HPE Composable Fabric Deployment and Integration Services. If the service is needed, the customer should contact their local HPE sales representative.
- Customer acknowledges and agrees that HPE may use resources outside the country of purchase for delivery of these services.



General provisions/Other exclusions

- To the extent HPE process personal data on the customer's behalf in the course of providing services, the HPE Data Privacy and Security Agreement Schedule—HPE Support and Professional Services found at hpe.com/info/customer-privacy.html shall apply.
- HPE Composable Fabric services are governed by HPE standard terms for Professional Services as part of these services.
- Our 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.
- Upon receipt of an acceptable order, HPE will contact the customer within seven business days to organize a service delivery date. Service delivery dates are subject to resource availability and may be scheduled up to 30 days from the order acceptance date. The service eligibility expires at the end of 120 days from the date of purchase if not used. Under no circumstances shall the customer be entitled to a credit or refund of any unused services.
- HPE assumes that all information provided by the customer is accurate. HPE collaborates with the customer to determine acceptable estimates for any information that is not available.
- Any after-hours work must be requested a minimum of one week in advance and must be approved by HPE.

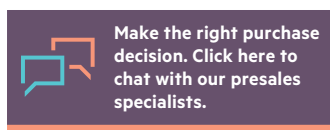
Ordering information

Availability of service features and service levels may vary according to local resources and may be restricted to eligible products and geographic locations. To obtain further information or to order HPE Composable Fabric services, contact a local HPE sales representative and reference the following product number(s):

- SKU HF2Z9A1#007: Remote HPE CF-Deployment and Integration Service QTY=2 10G Fabric Modules w/Composable Cloud

Depending on the point of purchase and the requested service options, other product part numbers may apply. Consult a local HPE representative or HPE reseller regarding the product number that best meets your specific needs.

Learn more at
hpe.com/pointnext



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