HPE Composable Fabric Deployment and Integration Service

Advisory and Professional Services from HPE Pointnext

Service overview

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

This service is delivered both remotely and on-site 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. 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.

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 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

- HPE Composable Fabric configuration and integration

- Knowledge transfer

Table 1. Service features

Feature	Delivery specifications
Service planning	Service planning 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. 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. During these meetings, HPE: • Works with the customer to review the service details, deliverables, and estimated timelines • Reviews customer-provided documents, which include but are not limited to the current network architecture, principles, and security requirements 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 mutually agreeable project plan and schedule, and determines the appropriate mix of technical and business resources necessary to implement the project HPE works remotely with the customer to coordinate the necessary activities, including identifying any service prerequisites, scheduling, and the delivery of services.
Verification of network integration readiness	HPE works remotely to assist the customer to prepare the network environment for their new HPE Composable Fabric. This service includes reviewing and addressing network integration readiness prerequisites for HPE Composable Fabric products that need to be integrated into the network fabric and, if appropriate, updating documentation to support future phases of the implementation. While delivering the service, an HPE network specialist assists the customer by facilitating remotely delivered collaboration meetings that are aimed at helping the customer to address the following tasks for a single deployment location. It includes: • 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 scope of endpoint devices to be included during the integration • Reviewing customer's preferred endpoint connectivity, network interface card (NIC) teaming, and/or aggregation configurations • Reviewing predefined customer management infrastructure such as VMware vSphere® 6.x based management infrastructure for the HPE Composable Fabric management appliance(s) and management networks • Evaluating with the customer the required credentials for vSphere management and credentials to be created for the HPE Composable Fabric components • Examining the HPE Composable Fabric management user-based roles and explaining typical assignments as needed • Reviewing the customer Layer 2 and Layer 3 IP plan as it pertains to the HPE Composable Fabric integration • Analyzing 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 NIC teaming methods where appropriate • Providing a low-level design documentation to integrate the HPE Composable Fabric solution with the customer's network
HPE Composable Fabric network configuration and integration	While delivering the service, either remotely or on-site, depending the options chosen, an HPE network specialist assists the customer with the advanced configuration and integration of the HPE Composable Fabric solution. During delivery, HPE works with the customer to: • Validate predefined design and integration requirements • Deploy and integrate predefined Composable Fabric module configurations • Deploy and integrate the HPE Composable Fabric manager • Test and verify the HPE Composable Fabric integration with the customer environment
Knowledge transfer	To close out the HPE Composable Fabric Deployment and Integration Service engagement, the HPE network specialist works remotely to present the customer with the final low-level design documentation. Using the final documentation, the HPE network specialist also provides a knowledge transfer session to the appropriate customer stakeholders. The activities associated with this service may include: • Performing a remote knowledge transfer session to facilitate a transfer of network operational control to the customer or the network operator, including: – 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 the HPE Composable Fabric such as user guides, cookbooks, and best practices • 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 the 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 as required for the delivery of remotely delivered services.

• Allow HPE full and unrestricted network access to all locations where the service is to be performed on-site.

• Ensure that all service prerequisites identified during service planning have been met.

• 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 service 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 on-site.

• 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 HPE 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 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.

- Depending on the service options chosen by the customer, HPE Composable Fabric Deployment and Integration Services accommodates deployment and integration of up to 12 fabric modules.

- HPE Composable Fabric Control High Availability services are not included in HPE Composable Fabric Deployment and Integration Services. If HPE Composable Fabric Control High Availability services are needed, customers 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.

- On-site service assistance is provided at one physical location in the country where the service is sold. The customer should check with their local HPE authorized representative to find out whether a specific location is eligible for this service.

General provisions/other exclusions

- To the extent HPE processes 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.

- Services are either performed remotely or at the customer's site, based upon service identified in the **Service features** table. Travel for on-site service delivery occurs during the first morning and last workday of each week (or as jointly determined by both parties).

- 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.

- Service hours are inclusive of on-site and off-site service, and travel time. Any request for flexible work hours must be agreed to in advance by HPE and may impact the calculation of hours expended as detailed here. The on-site/off-site schedule of the HPE network specialist is mutually agreed to prior to the commencement of services.

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 (CF) services, contact a local HPE sales representative and reference the following product number(s):

10 GB fabric module service options:

• SKU HF2Z9A1#001: Remote Service for CF-Deployment and Integration Service Qty=2–4, 10G Fabric Modules

• SKU HF2Z9A1#012: On-site Service for CF-Deployment and Integration Service Qty=2–4, 10G Fabric Modules

• SKU HF2Z9A1#002: Remote Service for Deployment and Integration Service Qty=5–12, 10G Fabric Modules

• SKU HF2Z9A1#003: Onsite Service for Deployment and Integration Service Qty=5–12, 10G Fabric Modules
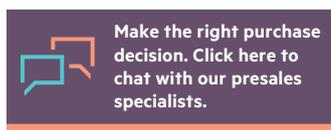
100 GB fabric module service options:

• SKU HF2Z9A1#004: Remote Service for CF-Deployment and Integration Service Qty=2–4, 100G Fabric Modules

• SKU HF2Z9A1#013: On-site Service for CF-Deployment and Integration Service Qty=2–4, 100G Fabric Modules

• SKU HF2Z9A1#005: Remote Service for CF-Deployment and Integration Service Qty=5–12, 100G Fabric Modules

• SKU HF2Z9A1#006: Onsite Service for CF-Deployment and Integration Service Qty=5–12, 100G Fabric Modules

Additional options:

• SKU HF2Z9A1#010: Remote Service for add-on CF-Deployment and Integration Service Qty=2, 10 or 100G Fabric Modules

• SKU HF2Z9A1#011: Onsite Service for add-on CF-Deployment and Integration Service Qty=2, 10 or 100G Fabric Modules

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

Make the right purchase decision. Click here to chat with our presales specialists.

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