



Deploying HP FlexNetwork Core Technologies H8D06S

Deploying HP FlexNetwork Core Technologies provides you with a comprehensive set of networking skills which will increase your capability to simplify the journey to a unified campus network. Upon course completion, you will be able to successfully implement and troubleshoot enterprise-level HP FlexNetwork solutions.

Deploying HP FlexNetwork Core Technologies

Price USD \$4,000

Links to local schedules, pricing and registration [US/Canada](#)
[Mexico/Latin America](#)
[Brazil](#)

HP course # H8D06S

Category Networking

Duration 5 days

Course description

This course includes comprehensive labs on which learners will have hands-on experience with Comware and ProVision switches, including configuring HP switches supporting Layer 2 and Layer 3 network redundancy, dynamic routing with OSPF and BGP, network optimization via QoS, and IP multicast routing supported network systems. Additionally, you will extend your knowledge of Intelligent Resilient Framework (IRF) and how switch virtualization technology simplifies network design and operation.

HP Intelligent Management Center (IMC), which allows network engineers and technicians to quickly and easily configure Quality of Service (QoS) and end-user authentication technologies, is featured throughout the course.

This course is approximately fifty percent lecture and learning activities and fifty percent lab activities.

The Deploying HP FlexNetwork Core Technologies course prepares candidates for the HP Accredited Solutions Expert (ASE) – FlexNetwork Integrator V1 certification within the HP ExpertOne program.

Audience

IT Professionals who deploy enterprise/core solutions based on HP products and technologies, including HP Reseller Systems Engineers, Customer IT Staff, HP System Engineers, and HP Services Field and Call Center Support Engineers.

Prerequisites

HP ATP – FlexNetwork Solutions V2 certification or HP AIS - Network Infrastructure [2011] is required in order to obtain the HP ASE – Network Integrator V1 certification. The course supporting the HP ATPFlexNetwork Solutions V2 certification is 00870186 - HP FlexNetwork Fundamentals, Rev. 14.21.

What is new?

Deploying HP FlexNetwork Core Technologies is a new course that combines the best of two courses, HP Core/Distribution Network Technologies using Comware Software, Rev. 11.41 and HP Core/Distribution Network Technologies using ProVision Software, Rev. 10.41. The new course brings together both switch families in a single, comprehensive training. HP Intelligent Management Center (IMC) network management software is the tool connecting it all together that delivers integrated, modular management capabilities across fault, configuration, accounting, performance, and security needs. Additionally the Deploying HP FlexNetwork Core Technologies course includes security related features and technologies such as Access Control Lists (ACLs) and port authentication.

Course objectives

The Deploying HP FlexNetwork Core Technologies course covers the important topics a network specialist needs to know when deploying enterprise-level core networks in Campus LANs. After completing this course, you will be able to:

- Explain the HP FlexNetwork Architecture
- Understand and configure advanced dynamic routing protocols like multi- area OSPF and BGP
- Configure and implement Router Redundancy with VRRP
- Configure and implement Data Link Layer Redundancy with Spanning Tree protocols, UDLD/DLDP and Distributed Trunking
- Configure and implement advanced network virtualization with IRF such as ISSU
- Configure and implement Network Security with ACLs and Port Authentication
- Deploy and manage the network with HP Intelligent Management Center
- Configure and implement network optimization technologies such as Quality of Service (QoS)
- Configure and implement Multicasting with IGMP, PIM Spars and PIM

Certifications/exams

Certification(s)

- HP ASE – FlexNetwork Integrator V1

Exam(s)

- HPO-Y47 – Deploying HP FlexNetwork Core Technologies

Learn more at

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