



HP FlexNetwork Fundamentals, Rev. 15.21 (00958712) H4C81S

The HP FlexNetwork Fundamentals course provides you with a comprehensive set of networking skills which will increase your knowledge of modern, open standard based networking technologies and solutions. Your knowledge and skills to successfully implement and validate small to medium enterprise network solutions will significantly increase after completing the HP FlexNetwork Fundamentals course. In the course, you will be working on Comware and ProVision based switches in the lab exercises.

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(00958712)**

HP course # H4C81S

Category Networking

Duration 4 days

Course description

This course teaches the networking skills needed for modern, open standard based networking technologies and solutions. It covers how to implement and validate small to medium enterprise network solutions. You will work on Comware and ProVision based switches in the lab exercises. The course introduces you to the basic features of modern networks such as VLAN's, redundancy technologies such as MSTP, link aggregation technologies like LACP, static and dynamic IP routing with OSPF, standalone Access Points (AP's), and network management with HP's Intelligent Management Center (IMC). It also covers a high level introduction to HP's Converged Infrastructure strategy and to network virtualization with HP's Intelligent Resilient Framework (IRF).

The focus of this course is on the hands on activities accompanied with learning activities and instructor led lecture.

Audience

IT Professionals who deploy small to medium enterprise network 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 Prior to attending the HP FlexNetwork Fundamentals training you should take the following web-based trainings:

- Getting Started with HP Switching and Routing, Rev 13.31 (course ID 00731204)
- Getting Started with HP Wireless, Rev 13.31 (course ID 00731293)

The courses can be found in The Learning Center.

For those who need a refresh on certain networking topics, it is recommended that you watch one or more of the videos listed below.

- HP Networking Fundamentals Video Series - OSI Model, Rev. 13.31 (course ID 00764936)
- HP Networking Fundamentals Video Series - Binary, Rev. 13.31 (course ID 00764942)
- HP Networking Fundamentals Video Series - Data Flows, Rev. 13.31 (course ID 00765397)
- HP Networking Fundamentals Video Series - IP Addressing, Rev. 13.31 (course ID 00766100)
- HP Networking Fundamentals Video Series - IP Subnetting, Rev. 13.31 (course ID 00764933)
- HP Networking Fundamentals Video Series - TCP/UDP, Rev. 13.31 (course ID 00765415)
- HP Networking Fundamentals Video Series - VLANs, Rev. 13.31 (course ID 00764953)
- HP Networking Fundamentals Video Series - Routing, Rev. 13.31 (course ID 00764946)
- HP Networking Fundamentals Video Series - Spanning Tree, Rev. 13.31 (course ID 00764948)
- HP Networking Fundamentals Video Series - Intelligent Resilient Framework [IRF], Rev. 15.11 (course ID 00983383)

The videos can be found in The Learning Center, but also in the My ExpertOne Portal from the ExpertOne

Course objectives

After completing this course, you will be able to:

- Explain HP's FlexNetwork Architecture
- Perform basic configuration, access security and switch setup on HP switches
- Configure Layer 2 technologies such as STP, Link Aggregation and VLANs
- Configure basic IP Routing with static and dynamic routing technologies (OSPF)
- Configure HP Networking's network virtualization technology IRF
- Provide mobility solutions with the MSM wireless Access Points
- Manage and monitor Networks with HP IMC network management software
- Explain HP's Converged Infrastructure strategy, including Virtual Connect (VC)

Exam(s)

- Applying HP FlexNetwork Fundamentals HP0-Y52
- Fast Track – Applying HP FlexNetwork Fundamentals HP2-Z37

Certification(s)

- HP ATP – FlexNetwork Solutions V3
- HP ATP – FlexNetwork Solutions V3 – upgrade from Cisco, Juniper or H3C

Learn more at

hpe.com/us/training/networking