Overview:
The HP FlexNetwork Fundamentals, Rev. 15.21 course provides you with the networking skills necessary for modern, open standard based networking technologies and solutions. The course introduces you to the basic features of modern networks such as VLAN's, redundancy technologies such as MSTP, link aggregation technologies such as 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). You will work on Comware and ProVision based switches in the lab exercises and learn how to implement and validate small to medium enterprise network solutions. This course is highly focused on hands-on lab activities which accounts for 70% of the content accompanied with learning activities and instructor led lecture, 30% of content.

Who should attend:
This course is ideal for 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.

Pre Requisites:
Prior to attending this course 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)

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)

Related Certifications / Exams:
Certification: HP ASE - FlexNetwork Architect V2
Exam: HP0-Y50: Architecting HP FlexNetwork Solutions
Objectives:
After completing this course, you should be able to do the following:

- 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