



Education Services Course overview

HP Unified Wired-Wireless Networks and BYOD, Rev. 15.21 (H8D05_00890621)

The transition to Bring Your Own Device (BYOD) solutions and provisioning the right supporting infrastructure to support those solutions can present your team with significant challenges.

Course Description

This course covers the implementation and configuration of HP unified wired and wireless controllers, HP Access points and the HP Bring Your Own Device (BYOD) solution. The BYOD solution is based on IMC and the WSM and UAM/EAD modules. The course teaches how to configure the IMC and the WSM and UAM/EAD modules so you can grant access to the (wireless) network in a secured manner.

In the Enterprise Wireless Networks part of this course you learn all about wireless standards, wireless security, wireless roaming and high availability in an enterprise wireless network.

Audience

IT professionals with three or more years of experience in designing and implementing enterprise level wireless networks. General knowledge of network management software, and specifically, IMC, is highly recommended.

Certification(s) and Exam(s)

Certification(s)

HP ASE - FlexNetwork Architect V2

Exam(s)

HP2-Z33 – HP Unified Wired-Wireless Networks and BYOD

Prerequisites

HP ATP - FlexNetwork Solutions V1 or HP ATP - FlexNetwork Solutions V2

What is New?

The HP Unified Wired-Wireless Networks and BYOD course is a new course, and is one of the electives in the new HP ASE - FlexNetwork Architect V2 and soon-to-be-released HP ASE - FlexNetwork Integrator V1 certification tracks.

Course objectives

After completing this course, you will be able to:

- Describe the components of the HP FlexNetwork architecture
- Configure an HP Unified Wired-WLAN switch

Course title:	HP Unified Wired-Wireless Networks and BYOD, Rev. 15.21
HP product number:	H8D05_00890621
Category/Subcategory:	HP Networking
Course length:	4 Days
Level:	Intermediate
Delivery language:	English
To order:	You can register your interest for this course online at http://www.hp.com.au/education .At the site, select the course under Partner training - Proliant portfolio and you will see dates for the course. Register your interest for the date of your choice.

- Describe the 802.11 standards and techniques used to propagate wireless transmissions
- Describe specific radio properties that you should understand when implementing a wireless network
- Respond to and mitigate threats of intrusion that exists in a wireless medium through establishing a security posture with strong authentication, privacy, and data integrity
- Upgrade and manage the licenses of the HP Unified Wired-WLAN controllers
- Describe and troubleshoot the AP discovery process and AP management
- Implement load balancing of clients
- Configure an appropriate AC redundancy solution
- Establish a guest solution utilizing HP portal authentication
- Describe WLAN optimization and troubleshooting solutions
- Explain the benefits of WSM and EAD as part of an overall IMC deployment tool

- Understand the foundation of the HP BYOD solution
- Differentiate BYOD from simple authentication (802.1x, Mac or Web authentication)
- Define UAM installation requirements and options
- Understand and configure the step by step BYOD installation and configuration process including:
 - Onboarding of guest endpoints
 - Portal redirection
 - Registration process for user endpoints
 - Different ways of guest account creation
 - Guest access for corporate user's personal endpoints
 - 802.1X authentication for corporate endpoints
 - Automation of endpoint configuration
 - Distribution of certificates for EAP-TLS authentication

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