

Aruba Networks - Aruba Switching Fundamentals For Mobility, Rev. 16.41 (ASFM)

Duration: 24.00 hours (3 days)

19.5 CPD Hours

Rating: ★ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course teaches you the fundamental skills necessary to configure and manage modern, open standards-based networking solutions. This course consists of approximately 20% lecture and 80% hands-on lab exercises to help you learn how to implement and validate small to medium enterprise network solutions. This 3-day course prepares network professionals for the HPE ATP - Aruba Mobile First Solutions V1 certification exam. In this course, participants learn about ArubaOS switch technologies including: VLANs, securing access, redundancy technologies such as MSTP, link aggregation techniques including LACP, and switch virtualization with Aruba's Virtual Switching Framework (VSF). You also learn about IP Routing including static and dynamic IP routing with OSPF. This course teaches you how to deploy Aruba wireless Access Points and configure Aruba Clustering technology. It also teaches you how to configure, manage and monitor the network with the Aruba AirWave management solution.

About This Course

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Who Should Attend

IT Professionals who deploy small-to- medium scale enterprise network solutions based on Aruba products and technologies

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Upon completion of this course, you will be able to:

- Explain how Aruba networking solutions meet customers' requirements
- Explain how Aruba AirWave provides unified wireless and wired network management
- Describe in-band management and out-of-band management
- Complete the initial setup on ArubaOS switches
- Control access to switches for both in-band and out-of-band management
- Manage software and configuration files on ArubaOS switches
- Explain use cases for VLANs and configure port-based VLANs on ArubaOS switches
- Understand and configure Rapid Spanning Tree Protocol (RSTP)
- Understand and configure Multiple Spanning Tree Protocol (MSTP)
- Differentiate between different types of link aggregation and understand the benefits of Link Aggregation Control Protocol (LACP)
- Configure and troubleshoot link aggregation on ArubaOS switches
- Configure static routes on ArubaOS switches and interpret IP routing tables
- Configure a basic Open Shortest Path First (OSPF) solution
- Describe how Virtual Switching Framework (VSF) works and the advantages that it provides
- Configure and verify a simple VSF fabric
- Describe the basics of wireless communications and 802.11 standards
- Define a wireless LAN (WLAN) and differentiate between wireless security options
- Configure basic settings on Aruba Instant APs
- Configure AirWave management settings on an IAP cluster
- Configure SNMP v2c settings on ArubaOS switches
- Discover ArubaOS switches in AirWave and bring switches and IAPs under monitoring and management
- Implement zero touch provisioning (ZTP) for Aruba IAPs and ArubaOS switches

Additional Course Details

Nexus Humans Aruba Networks - Aruba Switching Fundamentals For Mobility, Rev. 16.41 (ASFM) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Aruba Networks - Aruba Switching Fundamentals For Mobility, Rev. 16.41 (ASFM) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Aruba Networks - Aruba Switching Fundamentals For Mobility, Rev. 16.41 (ASFM)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
 - Traditional Instructor-Led Classroom Training (ILT)
 - On-site delivery at your offices anywhere in United Kingdom
 - Private dedicated courses customized for your team
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Q: How many CPD hours does this course provide?

The 3-day Aruba Networks - Aruba Switching Fundamentals For Mobility, Rev. 16.41 (ASFM) course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Aruba Networks - Aruba Switching Fundamentals For Mobility, Rev. 16.41 (ASFM) training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Aruba Networks - Aruba Switching Fundamentals For Mobility, Rev. 16.41 (ASFM)?

Yes, we provide corporate training, dedicated training, and closed classes for Aruba Networks - Aruba Switching Fundamentals For Mobility, Rev. 16.41 (ASFM). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Aruba Networks - Aruba Switching Fundamentals For Mobility, Rev. 16.41 (ASFM)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPALS** when booking your Aruba Networks - Aruba Switching Fundamentals For Mobility, Rev. 16.41 (ASFM) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

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