TRAINING OFFERING

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Aruba OS-CX Switching Fundamentals

CODE:	LENGTH:	PRICE:
ARU_OSCX_FUN	40 Hours (5 days)	kr40,350.00

Description

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.

In this course, participants learn about ArubaOS switch technologies including: VLANs, secure 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 Instant Access Point (IAP) Clustering technology. It also teaches you how to configure, manage and monitor the network with the Aruba AirWave management solution. It also prepares candidates to take the Aruba Certified Switching Associate (ACSA) v1 certification exam.

Audience

IT professionals looking to build their networking knowledge and gain insight to campus switching solutions. That also includes Aruba Certified Mobility certification holders wanting to combine the deployment of campus switching and mobility solutions.

Prerequisites

Experience and knowledge of the OSI Model, IP Addressing and Subnettting, TCP/UDP, VLANs, Spanning Tree and Routing would be beneficial.

Programme

‹Introduction to Aruba, a Hewlett Packard Enterprise Company
Describe market trends that are causing customers to transform in four key Transformation Areas
Describe how Aruba delivers the digital workplace **Switch CLI (Command Line Interface) Navigation**
Describe out-of-band management Complete the initial setup on ArubaOS switches Verify configuration
Protecting Management Access Explanation of in-band management Protect in-band and out-of-band management access
Configure local authentication Control the privilege level allowed to managers **Management of Software and Configurations**
Overview of ArubaOS and file structures Different methods for setting the software from which to boot Software update
Saving and restoring configurations **VLANS** Explain use cases for VLANs
Configure port-based VLANs on ArubaOS switches, using appropriate tagging
Implement basic IP routing between directly connected VLANs or links **Spanning Tree Protocol (STP)**
Understand and configure Rapid Spanning Tree Protocol (RSTP)
Understand how Multiple Spanning Tree Protocol (MSTP) provides load sharing and implement MSTP **Link Aggregation**
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 **IP Routing** Configure static routes on ArubaOS switches
Interpret IP routing tables Configure a basic OSPF solution **Virtual Switching Framework (VSF)**
Understand how VSF works and the advantages that it provides Configure and verify a simple VSF fabric
Wireless for Small-to-Medium Businesses (SMBs) Understand the basics of wireless communications and 802.11 standards
Define a WLAN and differentiate between wireless security options Configure basic settings on Aruba Instant Access Point (IAP)
Form an Aruba Instant cluster **Aruba AirWave** 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

Session Dates

På begäran, <u>kontakta oss</u>

Ytterligare information

Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.