ARROW

Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Aruba Campus Access Fundamentals

CODE: **LENGTH:**   **PRICE:**

ARU_CAF   40 Hours (5 days)   kr35,000.00

Description

- Networking Fundamentals

- Defines networking, LAN, WAN and their components

- Explains OSI model & encapsulation

- Discusses different types of physical media

- Compares unicast, multicast, and broadcast

- Explains TCP/IP stack

- Discusses different types of networking devices

- Switching Fundamentals

- Explains how to connect to and access a switch

- Describes initial switch setup

- Describes how to and configure VLANs, tagging, and IP addressing

- Explains how to use LLDP and ICMP for network discovery and diagnosis

- Explains how to configure link aggregation to improve performance/resiliency

- Basic IP Setup

- Discusses Inter-VLAN routing

- Explains DHCP relay

- Discusses static IP routing

- Explains how to configure single-area OSPF

- Network Redundancy

- Discusses Spanning Tree

- Explains VRRP and VSX

- VSF

- Describes VSF

- Explains how to configure VSF

- Describes Auto-VSF

- Explains VSF MAD

- Introduction to Aruba Solutions

- Discusses ESP

- Introduces Aruba switching products

- Introduces Aruba WLAN portfolio

- Introduces to Aruba Central

- Introduces to Aruba ClearPass

- Central for Device Management

- Explains how to perform device onboarding

- Describes how to create Central Groups

- Describes UI config mode

- Describes template config mode

- Describes Central licensing

- Device Profiling and AP onboarding

- Describes the use of device profiling

- Describes LLDP and MAC profiling

- Explains how to connect AP to Aruba Central

- Explains how to perform initial AP setup

- WLAN Fundamentals

- Describe   the fundamentals of 802.11, RF frequencies and channels

- Explain RF Patterns and coverage including SNR

- Roaming Standards and QOS requirements

- Describe   aspects of RF design

- Explains how to configure WLANs

- Implementing Secure WLANs

- Explain AAA

- Describe 802.1X authentication

- Explain how to configure secure WLANs

- Discuss roles and access rules

- Guest Access

- Describe guest access

- Explain how to setup captive portal authentication

- Describe how to configure guest WLANs

- WLAN Security

- Describe WLAN security

- Explain certificates

- Describe cloud authentication

- Monitoring and Maintenance

- Explains the use Aruba Central monitoring capabilities

- Describe how to identify LED status

- Explain how to perform firmware upgrades

- Describe how to enable SNMP on devices

- Describe AI Insights

- Describe Alerts & Reports

- Explain UXI

- Troubleshooting

- Describe how to perform password recovery and factory reset procedures

- Explain Central connectivity troubleshooting

- Describe how to enable spectrum analysis

- Explore Central Troubleshooting tools

Prerequisites

It is recommended that candidates have foundational networking experience or attend Aruba's Essentials eLearning series to glean knowledge on Aruba's Campus Access design solution.

Session Dates

På begäran, kontakta oss

Ytterligare information

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