



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**Du kan nå oss här**

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# Aruba Campus Access Fundamentals

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
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
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- Describe guest access
  - Explain how to setup captive portal authentication
  - Describe how to configure guest WLANs
  - WLAN Security
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- Describe WLAN security
  - Explain certificates
  - Describe cloud authentication
  - Monitoring and Maintenance
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- 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
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- 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**

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
23 Sep 2024	Virtual Classroom (GMT)	BST	English	Instructor Led Online		Free

## Ytterligare information

[Denna utbildning finns också som utbildning på plats. Kontakta oss för mer information.](#)