How to self learn Enterprise networks with Aruba

Video 2

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ACSA topics & goals





OFFICIAL ACSA CERTIFICATION STUDY GUIDE

- 1. Networking Fundamentals
- 2. TCP/IP
- 3. Basic Networking with Aruba Solutions
- 4. VLANs
- 5. Spanning-Tree Protocol
- 6. Link Aggregation
- 7. IPv4 Routing Part 1

- 8. VRRP
- 9. IPv4 Routing Part 2
- 10. IPv4 Routing Part 3
- 11. OSPFv2 Single Area
- 12. Stacking
- 13. Secure Management and Maintenance
- 14. AOS-CX Management Tools

https://hpepress.hpe.com/product/Aruba+Certified+Switching+Associate+Official+Certification +Study+Guide+HPE6-A72-Hardcover-19378





Available remote labs in the Free Aruba Networking for Absolute Beginners

https://inter.viewcentral.com/events/cust/search_results.aspx?cid=aruba&pid=1&lid=15&tstamp=1 631285701095&event_id=679

Great start to become familliar with AOS-CX CLI commands!

1. Basic Networking Concepts

How networking works, protocols, and communication layers **Hands-On Lab:** Use a packet analyzer tool to see the details of REAL traffic!

2. Network Components

Network devices: switches and routers, LANs and WANs, services

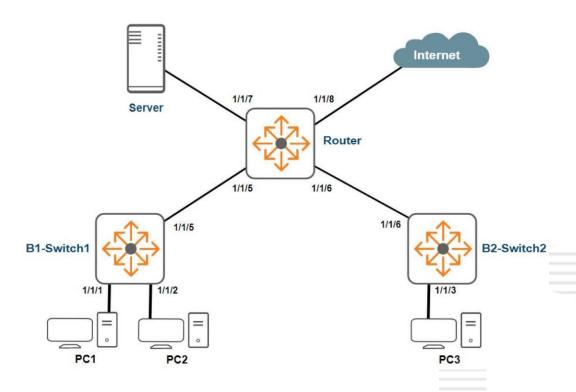
Hands-On Lab: Connect to and configure network devices and validate the connections!

3. Layer 2 Networks

Working with switches, MAC address tables, Address Resolution Protocol, and Virtual LANs (VLANs) **Hands-On Lab:** Connect your Network, configure VLANs, verify your connections!

4. Communication Between Networks

Scale your network to support more users, the benefits of VLANs, IP Addressing details **Hands-On Lab:** Configure VLANs, IP addresses, route your traffic, and access the Internet!





Available remote labs in the Free ACSA Fast track



Access-1 (6300-A)

https://inter.viewcentral.com/events/cust/search_results.aspx?cid=aruba&pid=1&lid=15&tstamp=1631030322410&event_id=633

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Labs you can build with CX simulator (and more)

https://community.arubanetworks.com/community-home/digestviewer/viewthread?MessageKey=ee47602d-861e-407a-a269-1cd1f00725e0&CommunityKey=aa40c287-728e-4827-b062-5eff4ed6410b&tab=digestviewer#bmee47602d-861e-407a-a269-1cd1f00725e0

Layer 2

AOS-CX Simulator Lab - L2 Access Management and Connectivity

AOS-CX Simulator Lab - Spanning Tree Basics

AOS-CX Simulator Lab - Deploying MSTP

AOS-CX Simulator Lab - Loop Protect

AOS-CX Simulator Lab - RPVST+

AOS-CX Simulator Lab - MVRP

Layer 3 Services

AOS-CX Simulator Lab - IPv4 DHCP

AOS-CX Simulator Lab - IPv6 SLAAC and DHCPv6

AOS-CX Switch Simulator Lab Tools

AOS-CX Simulator Lab - Saving Lab Configurations

Management and Orchestration

AOS-CX Simulator Lab - L2 Access Management and Connectivity

AOS-CX Simulator Lab - L2 Access Management and Connectivity - Part 2

AOS-CX Simulator Lab - Web User Interface

AOS-CX Simulator Lab - Managing CX Checkpoints

AOS-CX Simulator Lab - SNMP

AOS-CX Simulator Lab - SNMPv3

AOS-CX Simulator Lab - NAE IP SLA

AOS-CX Simulator Lab - sFlow Part 1

AOS-CX Simulator Lab - Monitoring Aruba CX Switches

Layer 3 Routing

AOS-CX Simulator Lab - Deploying OSPFv2

AOS-CX Simulator Lab - Basic BGP

AOS-CX Simulator Lab - VRF Part 1

AOS-CX Simulator Lab - VRF - Dynamic IVRL

AOS-CX Simulator Lab - OSPFv3 Fundamentals

AOS-CX Simulator Lab - OSPF-BGP Route Redistribution

AOS-CX Simulator Lab - OSPFv2 Areas - Basics

AOS-CX Simulator Lab - OSPF v2 Features

AOS-CX Simulator Lab - OSPF Troubleshooting

AOS-CX Simulator Lab - OSPFv3 Troubleshooting

AOS-CX Simulator Lab - IPv6 Basics

AOS-CX Simulator Lab - RIPng

Campus Series

AOS-CX Simulator Lab - Campus 3-Tier with RIPv2

AOS-CX Simulator Lab - Campus 2-Tier IPv4 with OSPF Routed Access

AOS-CX Simulator Lab - Campus 2-Tier IPv4 L2 Access with VSX

AOS-CX Simulator Lab - Campus 3-Tier IPv4 L2 Access with VSX and OSPF

AOS-CX Simulator Lab - Campus 2-Tier IPv4 Routed Access iBGP

AOS-CX Simulator Lab - Campus 2-Tier with IPv4 RIPv2 Routed Access

AOS-CX Simulator Lab - Campus 2-Tier IPv6 Routed Access with RIPng and DHCPv6

AOS-CX Simulator Lab - Campus 2-Tier IPv6 Routed Access with OSPFv3 and SLAAC

AOS-CX Simulator Lab - Campus 2-Tier IPv6 L2 Access with VSX and OSPFv3

AOS-CX Simulator Lab - Campus 3-Tier IPv6 L3 Access with OSPFv3 MultiArea and SLAAC

AOS-CX Simulator Lab - Campus 3-Tier Routed Access with iBGP

AOS-CX Simulator Lab - Campus 2 Tier L3 Access with OSPF and Link Security

/3 Area

PVE

nternet

Homed Internet Access with a Single Border Gateway

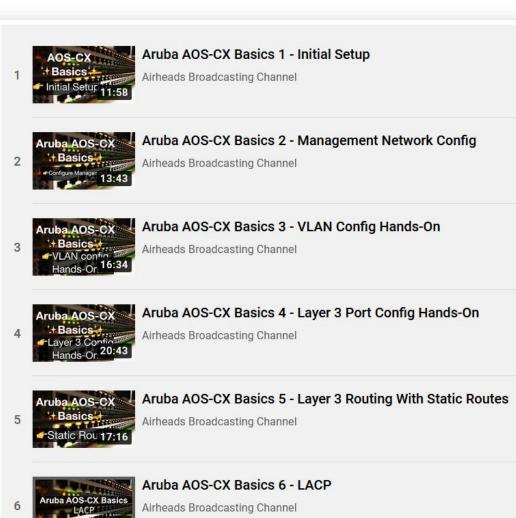


Start with AOS-CX videos on ABC channel

https://www.youtube.com/playlist?list=PLsYGHuNuBZcY215FdpIIdwN3M8By_jx7n













Discover the CX switches familly



https://www.youtube.com/playlist?list=PLsYGHuNuBZca1Rh4vnmJTmoFBq2WjjxwK



AOS-CX QuickStart Series - Products

13 vidéos • 1 818 vues • Dernière modification le 22 juin 2021

=+









Airheads Broadcasting



1 vidéo non disponible a été masquée



AOS-CX QuickStart Series: Aruba CX 8325 Product Introduction

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AOS-CX QuickStart Series: Aruba CX 8320 Product Introduction

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AOS-CX QuickStart Series: Aruba CX 8400 Product Introduction

Airheads Broadcasting



AOS-CX QuickStart Series: Aruba CX 6300 Product Introduction

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AOS-CX QuickStart Series: Aruba CX 6400 Product Introduction

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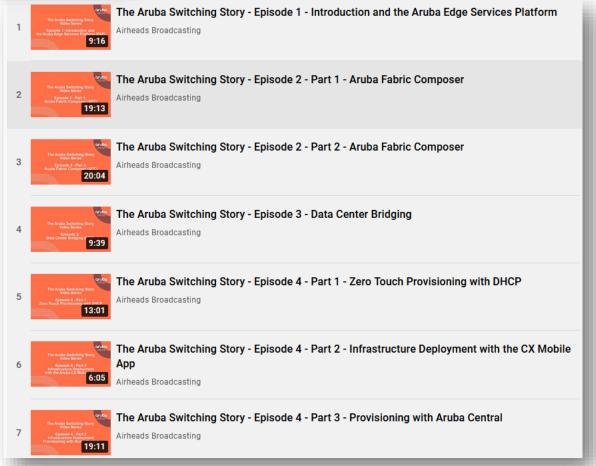


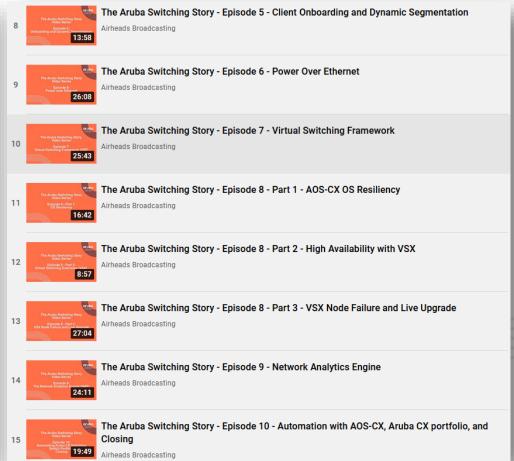
10 juin 2021

Aruba switching story

4h20 min

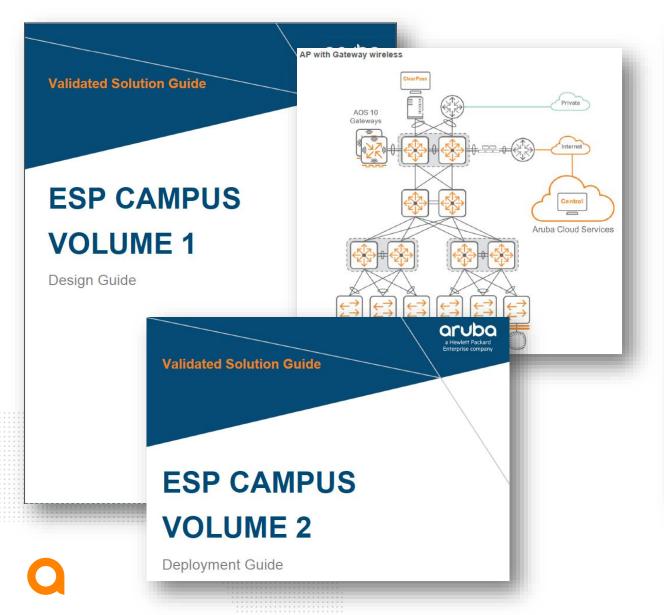
https://www.youtube.com/playlist?list=PLsYGHuNu BZcaQZ_IvD6IvEst563r1bPGv

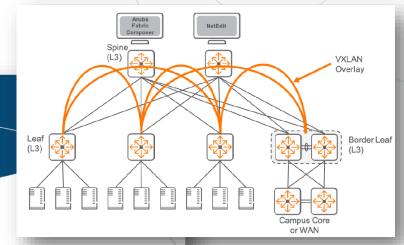






Great free architecture design guides





aruba

ESP DATA CENTER VOLUME 1

Validated Solution Guide

Design Guide

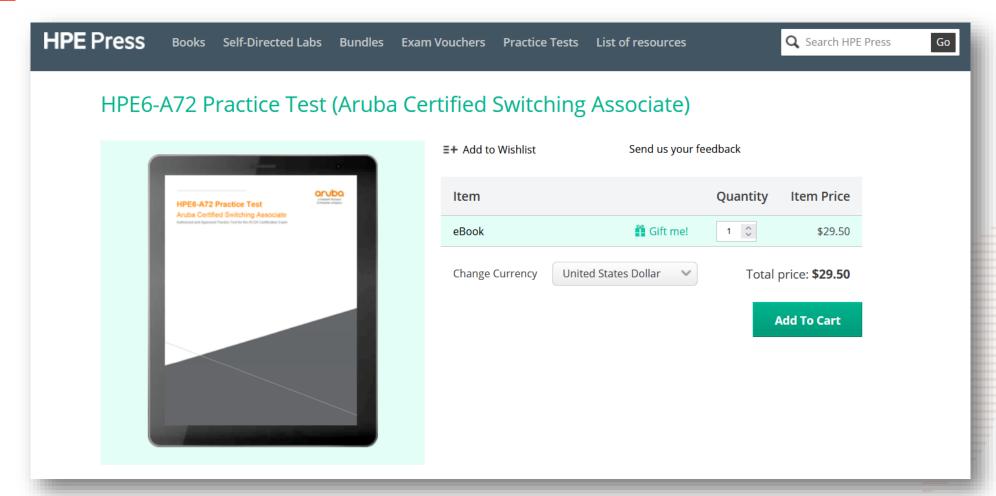
Validated Solution Guide



Deployment Guide

Prior to attempt the official exam, you can challenge your knowledge with 30 questions: 29.50\$

https://hpepress.hpe.com/product/HPE6-A72+Practice+Test+Aruba+Certified+Switching+Associate-eBook-19391





The ACSA exam topics (60 questions)

https://certification-learning.hpe.com/ext/datacard/Exam/HPE6-A72

- 23% Identify, describe, and apply foundational networking architectures and technologies
- 17% Identify, describe, and differentiate the functions and features of Aruba products and solutions
- 27% Install, configure, set up, and validate Aruba solutions
- 13% Tune, optimize, and upgrade Aruba solutions
- 12% Troubleshoot, repair, and replace Aruba solutions
- 8% Manage, monitor, administer and operate Aruba solutions
 - Technologies and topics that are covered include:
 - * Virtual Local Area Networks (VLANs)
 - * Secure access using features like dynamic segmentation
 - * Redundancy technologies such as Multiple Spanning Tree Protocol (MSTP)
 - * Link aggregation using Link Aggregation Control Protocol (LACP)
 - * Switch virtualization with Aruba's Virtual Switching Framework (VSF).
 - * IP Routing with Open Shortest Path First (OSPF), and more



Reach 75% over 60 questions within 1h 30



What next?

- Videos about :
 - ACSP preparation
 - Others / Advanced networks topics
 - How to register to pass an exam
 - ... and probably more later

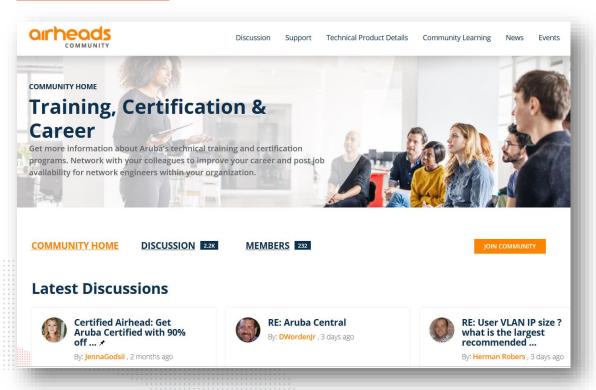




How to come back and see new post/videos? Easy!

Follow that Airheads discussion group about trainings:

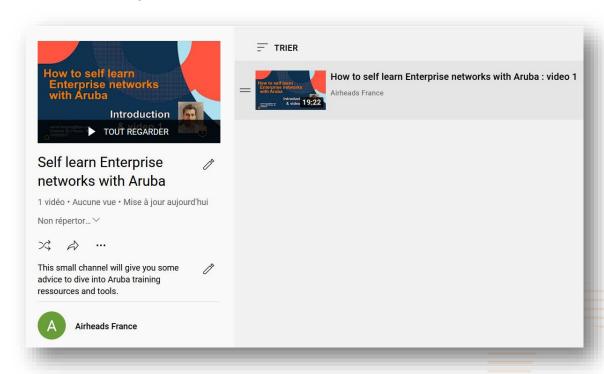
https://community.arubanetworks.com/community-home?CommunityKey=58c7da15-9b46-4717-9ed7-086e70f70869



My videos will be also on that playlist:

https://www.youtube.com/playlist? list=PLeIXszXBb2bFgiQmLezVyZ tzwAX0mq9dR









Thanks