

Aruba Certified Switching Expert Practical Exam

Exam description

This practical exam validates your ability to configure, troubleshoot, optimize, and manage enterprise-level ArubaOS-CX campus LAN solutions. This expert-level exam validates the candidate's skills in resolving issues related to implementation and ongoing support by performing protocol-level analysis and other problem-resolution techniques such as analyzing the interaction between multiple devices using packet traces.

Ideal candidate for this exam

Candidates will typically have more than 5 years of advanced networking experience focused on interpreting complex network architectures and customer requirements to implement, monitor, troubleshoot, and optimize multi-vendor network solutions.

Exam contents

This exam has 10 questions. Here are types of questions to expect:

- Other – 10 Practical tasks
- Hands on

Advice to help you take this exam

- USING CHROME OR FIREFOX IS REQUIRED.
- Complete the training and review all course materials and documents before you take the exam.
- Exam items are based on expected knowledge acquired from job experience, an expected level of industry-standard knowledge, or other prerequisites (events, supplemental materials, etc.).
- **Successful completion of the course alone does not ensure you will pass the exam.**
- A panel of subject matter experts determined the range of possible responses to each practical task and essay question to allow for as many outcomes and responses that meet the requirements. Your responses must fall within the range of possible responses to earn credit for each practical task.
- You may print or email your score report immediately following the completion of your exam. If you fail the exam, you must wait 30 days before you can take it again.

Objectives

There are 10 hands-on/practical tasks in the exam.

For the practical tasks in the scenario:

You will be given a list of business and technical requirements. The score reflects how well you met the requirements. Read the requirements VERY carefully.

Exam ID	HPE4-A31
Exam type	Practical
Exam duration	6 hours
Exam length	10 questions
Passing score	60%
Delivery languages	English

Register for this Exam

Complete these steps before registering for the ACSX Practical Exam

1. We strongly recommend that you **convert this page into a PDF file** and save it using the printer icon in the upper right corner of this page, as it offers a comprehensive explanation of what you need to know and do prior to taking this practical exam.
2. Review the [Aruba Practical Certification Exam Guide](#) for information about the exam/lab environment.
3. During registration, you are responsible for completing the system test on the same computer you will use to take the exam.
4. Review and complete the [ACSX walkthrough](#).
5. It is expected that you passed the required ACSX written exam (HPE6-A69) before registering for the ACSX Practical Exam.
6. Review the complete HPE Partner Ready Certification and Learning [Candidate Agreement](#). **You are fully responsible for adhering to all HPE testing policies.**
7. Read and understand the [HPE Exam Security Agreement](#), found under the Security Questions section when you register.

Passing the HPE6-A69 Aruba Certified Switching Expert Written Exam and purchasing a practical exam voucher from [Aruba Education Services](#) are required before registering for the practical exam.

- The tasks build on each other.
- Everything is graded at the end of the testing session.
- There is no score on the score report for each individual task.
- The tasks and objectives are mapped to the objectives listed below.
- You **MUST** save these files in the specified format and in the Results folder. If they are not in the correct location or format, you will receive a zero score.

If a business or technical requirement is not met, a zero score may be given, even if you complete the task and submit your work. There may or may not be partial credit if the requirement is not sufficiently met.

A panel of subject matter experts determined the range of possible responses to each practical task to allow for as many outcomes and responses that meet the requirements as possible. Your responses must fall within the range of possible responses to earn credit for each practical task.

These tools are available in the exam environment:

- Tera Term
- mRemoteNG
- Free Office
- Wireshark
- PuTTY

You may print or email your score report immediately following the completion of your exam. If you fail the exam, you must wait 30 days before you can take it again.

This exam validates that you have competence in each objective listed below.

Percentage of Exam	Sections/Objectives
15%	Plan, configure and validate layer 2 tasks <ul style="list-style-type: none"> • Link aggregation • Spanning Tree and hardening • Advanced VSX or VSF features • VLANs • Loop protection
18%	Plan and configure and validate layer 3 tasks <ul style="list-style-type: none"> • OSPF multi-area • BGP • Policy-Based Routing • Multicast routing
17%	Plan and configure security tasks <ul style="list-style-type: none"> • AAA • Access Control Lists • DHCP snooping • COPP • Device fingerprinting
8%	Plan, configure and validate QoS requirements <ul style="list-style-type: none"> • Advanced Classifiers • Traffic prioritization • CoS, ToS, QoS Mapping • Bandwidth Shaping • Queuing and Scheduling
26%	Troubleshoot the infrastructure <ul style="list-style-type: none"> • Identify failures using tools like NAE and CLI commands • Evaluate & remediate network redundancy issues • IP SLA • Analyze problem with network performance & resolve them • Analyze & resolve network security issues
16%	Plan and configure NAE. Optimize, and monitor the infrastructure <ul style="list-style-type: none"> • NAE Agents • NAE Alerts & Actions • Optimize table & buffer utilization • Optimize layer 2 services • Optimize layer 3 services • Optimize resiliency & redundancy

For more information

Contact our program

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Information is as of December 2024, Revision 13