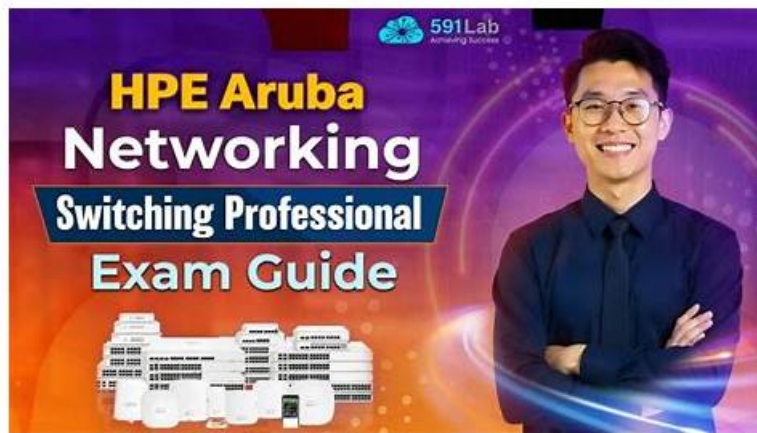


# HPE Aruba Networking Switching Professional Exam study material & HPE7-A08 torrent pdf & HPE Aruba Networking Switching Professional Exam training dumps



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## HP HPE7-A08 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> <li>• Troubleshoot the Wired Network Solution: Candidates in this section, typically Network Support Specialists, are tested on identifying common wired network failures such as IP or VLAN mismatches, hardware issues, or port misconfigurations. It also involves analyzing performance problems caused by QoS or configuration errors and formulating effective remediation plans to restore correct network operations.</li> </ul>
Topic 2	<ul style="list-style-type: none"> <li>• Install and Configure the Wired Network Solution: This domain evaluates the abilities of Network Engineers to provision and configure HPE Aruba Networking switches both via Aruba Networking Central and command-line interface. It covers physical switch setup, Layer 2 and Layer 3 configuration and validation, multicast features, security implementations, quality of service (QoS) settings, and integration of Aruba Networking solutions into existing environments.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>• Manage, Maintain, Optimize, and Monitor the Wired Network Solution: This part measures the skills of Network Operations Engineers in managing and maintaining wired network infrastructures. It includes developing configuration management strategies, interpreting network operational data to make informed decisions, and programmatically auditing or configuring Aruba Networking switches to optimize performance and reliability.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>• Create the Implementation Plan for the Wired Network Solution: This section measures the skills of Network Designers who focus on understanding the HPE switching portfolio and selecting the right products to match various customer requirements. Candidates must also demonstrate the ability to create detailed and effective implementation plans based on given designs or customer scenarios to ensure successful wired network deployments.</li> </ul>

## Valid HP HPE7-A08 Mock Test & HPE7-A08 Associate Level Exam

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### HPE Aruba Networking Switching Professional Exam Sample Questions (Q16-Q21):

#### NEW QUESTION # 16

When configuring a multicast solution on HPE Aruba Networking CX switches, what needs to be configured on the access switch to enable efficient traffic flow?

- A. IGMP-snooping on SVI
- B. PIM on VLAN
- C. IGMP-snooping on VLAN
- D. IGMP on VLAN

**Answer: C**

#### NEW QUESTION # 17

Refer to the exhibit.

The NTP server is configured on the Primary VSX switch, however, the Secondary switch does not display the NTP configuration in the running configuration. How can the VSX configuration be changed to have the same config on both nodes?

- A. On the primary switch, add `vsx-sync ntp` under VSX configuration.
- B. On the secondary switch, add `vsx-sync time` under VSX configuration.
- C. On the primary switch, add `vsx-sync time` under VSX configuration.
- D. On the secondary switch, add `vsx-sync ntp` under VSX configuration.

**Answer: C**

Explanation:

In an AOS-CX Virtual Switching Extension (VSX) environment, the Configuration Synchronization (`vsx-sync`) feature simplifies management by allowing the Primary switch to automatically push configuration settings to the Secondary switch.

\* Primary-Only Configuration: A fundamental rule of `vsx-sync` is that all synchronization commands must be configured on the Primary VSX node. The Secondary node simply receives and applies the configuration; it does not initiate the sync.

\* The time Synchronization Module: In AOS-CX, the command used to synchronize all time-related parameters-including NTP servers, authentication keys, and time zone settings-is `vsx-sync time`.

\* Command Logic: By adding `vsx-sync time` under the `vsx` context on the Primary switch, the NTP configuration currently present on the Primary will be replicated to the Secondary switch's running configuration.

\* Why other options are incorrect:

\* Options B and C: These are incorrect because they suggest configuring the sync on the Secondary switch.

\* Option A: While it specifies the Primary switch, `vsx-sync ntp` is not the correct command syntax in AOS-CX; the feature is consolidated under the broader `vsx-sync time` module.

#### NEW QUESTION # 18

Examine the commands entered on an AOS-CX switch:

What is true regarding this configuration for traffic received on interface 100?

- A. The next-hop address of 1.1.1.1 is overwritten by the next-hop address of 2.2.2.2

- B. The traffic is always dropped is the next-hop addresses are unreachable
- C. The traffic will be routed with the IP routing table entries if the next-hop addresses are unreachable
- D. The default next-hop address supersedes the two preceding next-hop addresses

**Answer: C**

Explanation:

If 1.1.1.1 is not reachable then next hop uses 2.2.2.2 if both of these are unreachable then normal routing table is used..and only if no route is available in routing table then default next-hop will kick-in.

#### NEW QUESTION # 19

Which CLI command is used to verify active VLAN assignments on an Aruba CX switch?

- A. show interface vlan
- B. show running-config
- C. show system
- D. show vlans

**Answer: D**

Explanation:

The show vlans command lists all configured VLANs, including assigned interfaces, VLAN IDs, and status, aiding network troubleshooting.

#### NEW QUESTION # 20

You have recently configured WMM to DSCP mapping on your HPE Aruba Networking APs and want to make sure that only the correct traffic is prioritized on the wired network. What should you configure to achieve this? (Choose two.)

- A. DSCP trust globally
- B. Colorless ports
- C. DSCP trust on ports connected to APs
- D. LLDP based on QoS policy
- E. DSCP trust on the AP user-role

**Answer: C,E**

Explanation:

In an end-to-end Quality of Service (QoS) design, the goal is to maintain the priority of traffic as it transitions from the wireless medium (WMM) to the wired infrastructure (Ethernet).

\* WMM to DSCP Mapping: Aruba APs map Wireless MultiMedia (WMM) Access Categories (like Voice or Video) to specific DSCP (Differentiated Services Code Point) values in the IP header before forwarding the frames onto the wired network.

\* The Concept of "Trust " : By default, many switches operate in a "trusted " or "untrusted " mode. If a port is untrusted, the switch will strip or ignore any DSCP markings on incoming packets and remark them to 0 (Best Effort). To prevent this, the AOS-CX switch must be configured to trust the incoming DSCP markings.

\* Applying Trust via Interface (Option B): On the physical ports where APs are connected, you must apply the command qos trust dscp. This ensures that as the AP sends traffic into the switch, the switch honors the DSCP values assigned by the AP.

\* Applying Trust via User-Role (Option A): In modern Aruba "Colorless Port " architectures, switches often use User-Based Tunneling (UBT) or local roles assigned via ClearPass. If the AP itself is assigned a "User-Role " upon connection, that role can include a QoS policy that specifies DSCP trust.

This is the preferred method for dynamic environments because the security and QoS policies follow the device regardless of which physical port it uses.

\* Why other options are incorrect:

\* Option C: LLDP-MED is used to negotiate parameters (like Voice VLAN), but it doesn ' t provide the granular "trust " mechanism required for WMM-to-DSCP mapping.

\* Option D: Colorless ports are a deployment method for roles, but "Colorless ports " is not a configuration command that handles QoS prioritization itself.

\* Option E: AOS-CX does not typically utilize a "global " trust command; trust is applied at the ingress point (interface or role) to maintain security and control.

