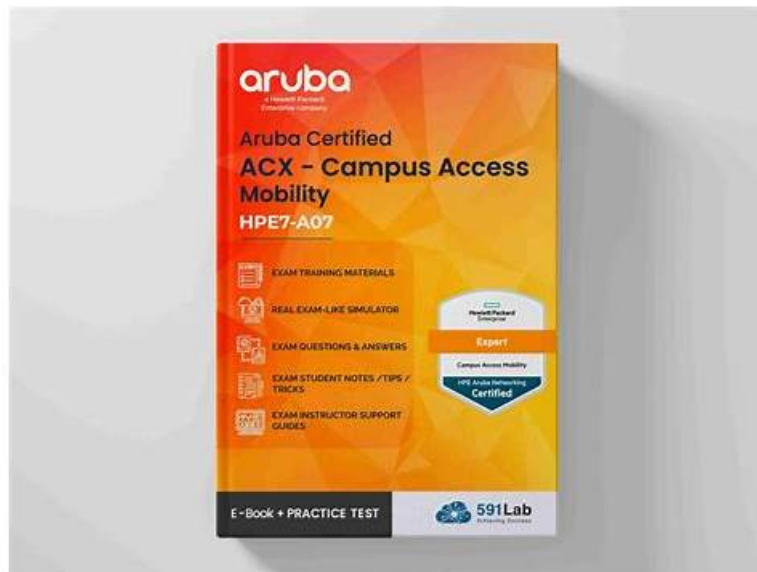


HPE7-A07 - Aruba Certified Campus Access Mobility Expert Written Exam Accurate Test Guide Online



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HP HPE7-A07 Exam Syllabus Topics:

| Topic | Details |
|---------|--|
| Topic 1 | <ul style="list-style-type: none">• Authentication• Authorization: Senior HP RF network engineers are tested on their skills in designing and troubleshooting AAA configurations, including ClearPass integration. This ensures that network access is securely managed according to the customer's requirements. |
| Topic 2 | <ul style="list-style-type: none">• Security: This topic evaluates the ability of a senior HP RF network engineer to design and troubleshoot security implementations, focusing on wireless SSID with EAP-TLS and GBP. It ensures the network is secure from unauthorized access and threats. |
| Topic 3 | <ul style="list-style-type: none">• Switching: Senior HP RF network engineers must demonstrate proficiency in implementing and troubleshooting Layer 2• 3 switching, including broadcast domains and interconnection technologies. This ensures seamless and efficient data flow across network segments. |
| Topic 4 | <ul style="list-style-type: none">• Troubleshooting: This topic of the HP HPE7-A07 exam assesses skills of a senior HP RF network engineer in troubleshooting. It also assesses the ability to remediate issues in campus networks. It is vital for ensuring network reliability and minimizing downtime in critical environments. |
| Topic 5 | <ul style="list-style-type: none">• WLAN: This HP HPE7-A07 exam topic tests the ability of a senior RF network engineer to design and troubleshoot RF attributes and wireless functions. It also includes building and troubleshooting wireless configurations, critical for optimizing WLAN performance in enterprise environments. |
| | |

| | |
|---------|---|
| Topic 6 | <ul style="list-style-type: none"> • Performance Optimization: The Aruba Certified Campus Access Mobility Expert Written exam focuses on analyzing and remediating performance issues within a network. It measures the ability of a senior RF network engineer to fine-tune network operations for maximum efficiency and speed. |
| Topic 7 | <ul style="list-style-type: none"> • Connectivity: The topic covers developing configurations, applying advanced networking technologies, and identifying design flaws. It tests the skills of a senior HP RF network engineer in creating reliable, high-performing networks tailored to specific customer needs. |
| Topic 8 | <ul style="list-style-type: none"> • Network Resiliency and Virtualization: This section of the Aruba Certified Campus Access Mobility Expert Written exam assesses the expertise of a senior HP RF network engineer in designing and troubleshooting mechanisms for resiliency, redundancy, and fault tolerance. It is crucial for maintaining uninterrupted network services. |
| Topic 9 | <ul style="list-style-type: none"> • Routing: This Aruba Certified Campus Access Mobility Expert Written exam section measures the ability to design and troubleshoot routing topologies and functions, ensuring that data efficiently navigates through complex networks, a key skill for HP solutions architects. |

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HP Aruba Certified Campus Access Mobility Expert Written Exam Sample Questions (Q56-Q61):

NEW QUESTION # 56

Your customer recently decided to build a new wireless network based on AOS-10. The following legacy settings still exist:

* The DHCP server still sends option 60 "ArubaInstantAP" and option 43 including the IP address of the AirWave server in the ZTP VLAN.

* The DNS server has an entry for "aruba-airwave" pointing to the AirWave server.

The customer purchased new AP-655 access points and HPE Aruba Networking Central subscriptions.

Each AP is assigned to the "ACX-Group" in the Device Pre-provisioning section of Central, and the external firewall allows HTTPS traffic between APs and the Internet.

What will happen when the new factory default APs are connected to the customer's network for the first time?

- **A. The new APs will contact the cloud and get the "ACX-Group" configuration in HPE Aruba Networking Central**
- B. The new APs will contact the IP address of AirWave from DHCP option 43
- C. The new APs will contact the IP address of AirWave learned from the DNS entry "aruba-airwave"
- D. The new APs will contact the cloud and will be pointed to the IP address of AirWave

Answer: A

NEW QUESTION # 57

Which statements accurately describe OSPF Graceful Restart (when the restarting router is able to Keep its forwarding tables across the restart)? (Select two.)

- **A. The GR helper role is supported on AOX-CX 6100 switches.**
- B. You must ensure your VSF stack has a secondary member when acting as a GR helper
- C. Bidirectional Forwarding Detection for OSPF and GR are mutually exclusive features.
- **D. OSPF Routers listen for Grace-LSAs on each network segment where there is an OSPF adjacency.**
- E. VSF Failover and Graceful-Restart require a VSF secondary member in the VSF stack

Answer: A,D

Explanation:

Graceful Restart (GR) allows a router to continue forwarding packets while it restarts its OSPF process. The GR helper role on AOS-CX switches supports routers during this process. OSPF routers listen for Grace-LSAs to identify neighbors undergoing a graceful restart, maintaining adjacencies with those routers to allow uninterrupted forwarding.

NEW QUESTION # 58

A Windows device attempts to connect to an 802.1X network but it is not receiving the correct role. TEAP has been configured as the only authentication method in ClearPass. The wireless configuration is correct.

Exhibit.

What is the most likely cause?

- **A. The Windows device needs to be configured for TEAP.**
- B. Only machine authentication should be configured on the Windows device
- C. 802.1X is not compatible with TEAP in Windows device
- D. ClearPass requires a second authentication method.

Answer: A

Explanation:

The issue likely stems from the Windows device not being configured to use TEAP (Tunneled Extensible Authentication Protocol) as specified in the ClearPass configuration. TEAP is an EAP method that encapsulates an inner EAP method for secure authentication. The Windows device must have TEAP enabled and correctly configured in its network settings to authenticate successfully on the network using ClearPass.

NEW QUESTION # 59

A BGP routing table contains multiple routes to the same destination prefix.

Referring to the table below, which route would be marked with a ">" symbol?

- A. C
- **B. E**
- C. D
- D. B
- E. A

Answer: B

Explanation:

The Aruba AOS-CX BGP Best Path Selection Process determines which route becomes the active (>) route in the BGP routing table.

This process is consistent with RFC 4271 but detailed in HPE's Aruba AOS-CX Routing Guide and ACSP Study Guide - BGP and Dynamic Routing.

Extract 1 - BGP Path Selection Hierarchy (Aruba AOS-CX Routing Guide)

"When multiple BGP routes exist to the same destination, the router uses the following decision sequence to select the best path:

- * Highest LOCAL_PREFERENCE
- * Lowest AS_PATH length
- * Lowest ORIGIN type (IGP 'i' preferred over EGP 'e', preferred over Incomplete '?')
- * Lowest MULTI_EXIT_DISC (MED) if received from the same AS
- * Lowest IGP cost to the next hop (closest exit)
- * Lowest BGP router ID as tie-breaker."

Extract 2 - Aruba Certified Switching Professional (ACSP) Study Guide - BGP Path Decision

"Local Preference is the first and most significant criterion within a single AS.

A higher Local Preference value indicates a preferred exit.

If multiple routes have equal Local Preference, the router compares their Origin Codes.

An Origin Code of 'i' (IGP) is preferred over '?' (Incomplete).

If still tied, the route with the lowest IGP cost to the next-hop is chosen as best." Step-by-Step Application to the Table Step 1 - Local Preference

- * Routes B, D, and E have Local Preference = 100

* Routes A and C have Local Preference = 0
 # Routes A and C are eliminated.
 Remaining candidates: B, D, E
 Step 2 - Origin Code
 * D and E: Origin Code = i (IGP) # Preferred
 * B: Origin Code = ? (Incomplete) # Less preferred
 # Eliminate B
 Remaining candidates: D, E
 Step 3 - MED / Metric
 Both D and E have Metric = 0 # Still tied
 Step 4 - IGP Cost / Administrative Distance
 * D: Distance = 200
 * E: Distance = 20
 According to ArubaOS-CX:
 "When all BGP attributes are equal, the route with the lowest internal cost (shortest IGP distance) to the next-hop is selected."
 # E wins because it has a lower distance (20 < 200)
 Extract 3 - ArubaOS-CX Routing Reference
 "The route that wins the selection process is marked with a '>' symbol in the routing table.
 This route is installed in the forwarding table and used for traffic forwarding." Final Explanation
 * Route E has:
 * Highest Local Preference (100)
 * Best Origin (IGP 'i')
 * Lowest IGP distance (20)
 Hence, Route E is selected as the best path, and the ">" symbol is placed beside it in the BGP routing table.
 # Final Verified answer: E
 # Official Aruba Documentation References:
 * Aruba AOS-CX Routing Guide - Section: BGP Best Path Selection Criteria
 * Aruba Certified Switching Professional (ACSP) Study Guide - Module: BGP and Path Selection Logic
 * Aruba AOS-CX Configuration and Management Guide - Command: show ip bgp summary / route selection

NEW QUESTION # 60

A campus topology uses VSX with a collapsed core topology. The customer added redundant SFP+ transceivers and reconfigured their mobility gateways from a single link to an aggregate Link. You are asked to verify the CLI output for the link aggregation configuration for one of the mobility gateway cluster members below.

What is a valid configuration?

- A. ☐
- B. ☐
- C. ☒
- D. ☐

Answer: C

Explanation:

The configuration shown in Option A is a valid configuration for a multi-chassis link aggregation (MC-LAG) setup. It specifies the use of LACP (Link Aggregation Control Protocol) with a fast rate of LACP PDUs exchange, which is appropriate for creating a resilient and high-throughput link aggregation. The 'vlan trunk allowed all' command allows all VLANs across the trunk, and 'vlan trunk native 100' sets VLAN 100 as the native VLAN for untagged traffic.

NEW QUESTION # 61

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