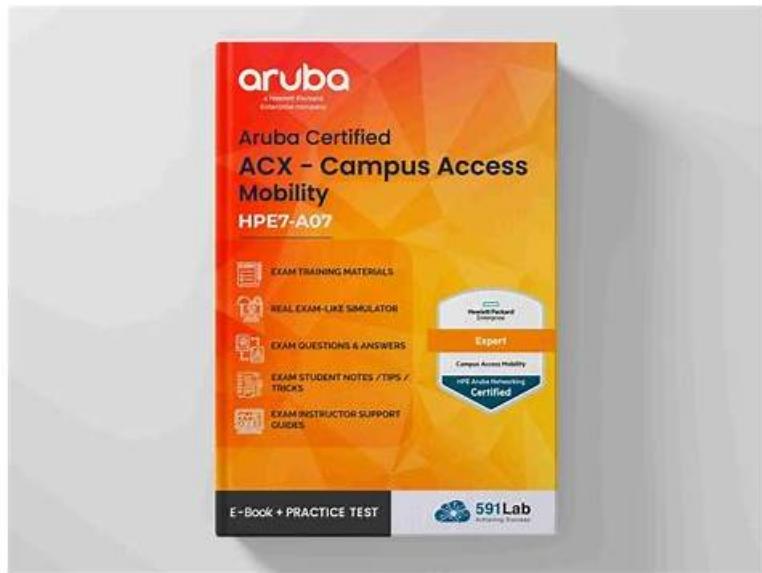


HPE7-A07 Reliable Exam Camp & HPE7-A07 Exam Guide



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Preparation for the professional Aruba Certified Campus Access Mobility Expert Written Exam (HPE7-A07) exam is no more difficult because experts have introduced the preparatory products. With Dumpexams products, you can pass the HP HPE7-A07 Exam on the first attempt. If you want a promotion or leave your current job, you should consider achieving a professional certification like Aruba Certified Campus Access Mobility Expert Written Exam (HPE7-A07) exam.

HP HPE7-A07 Exam Syllabus Topics:

Topic	Details
Topic 1	<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 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">• 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 5	<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 6	<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 7	<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.
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The HP sector is an ever-evolving and rapidly growing industry that is crucial in shaping our lives today. With the growing demand for skilled HP professionals, obtaining Aruba Certified Campus Access Mobility Expert Written Exam (HPE7-A07) certification exam has become increasingly important for those who are looking to advance their careers and stay competitive in the job market. Individuals who hold Aruba Certified Campus Access Mobility Expert Written Exam (HPE7-A07) certification exam demonstrate to their employers and clients that they have the knowledge and skills necessary to succeed in the HPE7-A07 exam.

HP Aruba Certified Campus Access Mobility Expert Written Exam Sample Questions (Q120-Q125):

NEW QUESTION # 120

What directly affects the MCS used by wireless stations? (Select two.)

- A. SNR
- B. number of connected clients
- C. channel utilization
- D. frequency band
- E. retry rate

Answer: A,D

Explanation:

The Modulation and Coding Scheme (MCS) used by wireless stations is directly affected by the signal-to-noise ratio (SNR) and the frequency band. Higher SNR can lead to higher MCS values, which means better data rates. The frequency band can affect MCS due to different channel characteristics, such as the presence of interference and propagation properties, which are factors in determining data rates.

NEW QUESTION # 121

Exhibit.

● Status: 0x00000000
 ● Packet Length: 1336
 ● Timestamp: 19:34:37.135901600 02/01/2015
 ● Data Rate: 12 6.0 Mbps
 ● Channel: 52 5260MHz 802.11a
 ● Signal Level: 100%
 ● Signal dBm: -26
 ● Noise Level: 89%
 ● Noise dBm: -56
 ● Expert: RIP Packet Out of Sequence

802.11 MAC Header

● Version: 0 [0 Mask 0x03]
 ● Type: 410 Data [0 Mask 0x0C]
 ● Subtype: 40000 Data [0 Mask 0xF0]

Frame Control Flags: 00000010 [1]

- 0... Non-strict order
- 1... 0... This is not a Re-Transmission
- 1... 0... Last or Unfragmented Frame
- 1... 1... Exit from the Distribution System
- 1... 0 Not to the Distribution System

● Duration: 0 Microseconds [2-3]
 ● Destination: 01:00:5E:01:01:01 Mcast IP IANA802:01:01:01 [4-9]
 ● BSSID: 18:64:72:10:BB:31 [10-15]
 ● Source: D4:61:9D:02:E6:22 [16-21]
 ● Seq Number: 3679 [22-23 Mask 0xFFFF]
 ● Frc Number: 0 [22 Mask 0x0]

A university runs its own TV station in the city. The IT department deploys a multimedia server so the TV productions can be sent out to the entire campus over the IP network using multicast-based communications in order to improve the bandwidth consumption. PIM sparse Mode and IGMP snooping features are enabled.

When wireless users join the multicast groups, all users connected to the same WLAN experience poor network performance. However, wired users are not affected in this way. While troubleshooting the network administrator saves the packet captures shown in the exhibit and concludes that all users even those not joining the multicast group, receive the same multicast flow at slow speeds. Which features should the network administrator enable to fix the problem?

- A. Dynamic Multicast Optimization and Multicast Transmission Optimization
- B. Dynamic Multicast Optimization and UCC QoS correction
- C. UCC QoS correction and Multicast Transmission Optimization
- D. ARP broadcast conversion into unicast and Multicast Transmission Optimization

Answer: A

Explanation:

Dynamic Multicast Optimization (DMO) and Multicast Transmission Optimization are features that can help address issues with multicast traffic in wireless environments. DMO optimizes the way multicast traffic is transmitted over the air by converting multicast streams into unicast streams to the clients that need them.

This reduces unnecessary traffic for clients that have not subscribed to the multicast group and can improve overall network performance. Multicast Transmission Optimization adjusts the transmission rate of multicast frames to ensure they are sent at optimal speeds, addressing the issue of multicast flow being received at slow speeds by all users.

NEW QUESTION # 122

Exhibit.

Transmitter	Receiver	Info	Data Rate	Frame Type	Signal Strength	PHY type
28:0d:b0:41:5d:b6	b8:3a:5a:84:24:30	Association Request, SN=1, FN=0, Flags=....	12.0	Association Request	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	28:0d:b0:41:5d:b6	Association Response, SN=1294, FN=0, Flags=....	12.0	Association Response	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	b8:3a:5a:84:24:30	Acknowledgement, Flags=.....,C	12.0	Ack	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	b8:3a:5a:84:24:30	Key (Message 1 of 4)	12.0	WPA KEYS	-54 dBm	802.11a (OFDM)
28:0d:b0:41:5d:b6	b8:3a:5a:84:24:30	Key (Message 2 of 4)	24.0	WPA KEYS	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	28:0d:b0:41:5d:b6	Key (Message 3 of 4)	12.0	WPA KEYS	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	28:0d:b0:41:5d:b6	Key (Message 4 of 4)	12.0	WPA KEYS	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	b8:3a:5a:84:24:30	Acknowledgement, Flags=.....,C	12.0	Ack	-54 dBm	802.11a (OFDM)
28:0d:b0:41:5d:b6	b8:3a:5a:84:24:30	Key (Message 4 of 4)	24.0	WPA KEYS	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	b8:3a:5a:84:24:30	VHT/HE NDP Announcement, Sounding Dialog T...	6.0	Other Control Frame	-53 dBm	802.11a (OFDM)
80:32:53:62:06:df	b8:3a:5a:84:24:30	Action No Ack, SN=8, FN=0, Flags=....,C	12.0	Other Management Fra...	-46 dBm	802.11ac (VHT)
b8:3a:5a:84:24:30	80:32:53:62:06:df	VHT/HE NDP Announcement, Sounding Dialog T...	6.0	Other Control Frame	-52 dBm	802.11a (OFDM)
80:32:53:62:06:df	b8:3a:5a:84:24:30	Action No Ack, SN=23, FN=0, Flags=....,C	32.0	Other Management Fra...	-46 dBm	802.11ac (VHT)
b8:3a:5a:84:24:30	80:32:53:62:06:df	VHT/HE NDP Announcement, Sounding Dialog T...	6.0	Other Control Frame	-52 dBm	802.11a (OFDM)
80:32:53:62:06:df	b8:3a:5a:84:24:30	Action No Ack, SN=7, FN=0, Flags=....,C	32.0	Other Management Fra...	-46 dBm	802.11ac (VHT)
28:0d:b0:41:5d:b6	b8:3a:5a:84:24:30	DHCP Request - Transaction ID 0xd3da6e2f	12.0	QoS Data	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	ff:ff:ff:ff:ff:ff	DHCP ACK - Transaction ID 0xd3da6e2f	12.0	Data	-54 dBm	802.11a (OFDM)
28:0d:b0:41:5d:b6	b8:3a:5a:84:24:30	Who has 192.168.10.158 Tell 192.168.10.158	24.0	QoS Data	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	b8:3a:5a:84:24:30	Acknowledgement, Flags=.....,C	12.0	Ack	-54 dBm	802.11a (OFDM)
28:0d:b0:41:5d:b6	b8:3a:5a:84:24:30	Action, SN=2, FN=0, Flags=....,C	12.0	Action	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	28:0d:b0:41:5d:b6	802.11 Block Ack Req, Flags=....,C	12.0	Block Ack Request	-54 dBm	802.11a (OFDM)
28:0d:b0:41:5d:b6	b8:3a:5a:84:24:30	802.11 Block Ack, Flags=....,C	12.0	Block Ack	-54 dBm	802.11a (OFDM)
b8:3a:5a:84:24:30	28:0d:b0:41:5d:b6	192.168.10.1 is at 00:1c:77:7bd2:4d	585.0	QoS Data	-51 dBm	802.11ac (VHT)
b8:3a:5a:84:24:30	28:0d:b0:41:5d:b6	192.168.10.1 is at 00:1c:77:7bd2:4d	585.0	QoS Data (Retry)	-51 dBm	802.11ac (VHT)

A customer is reporting mat connectivity is Tailing for some wireless client Devices. What are your conclusions from the capture? (Select two.)

- A. The client does not have an ARP entry for me default gateway.
- B. The client is not receiving an IP address.**
- C. The client does not support beamforming.
- D. The network is using WPA2-PSK key management.**
- E. The network is using WPA3-SAE key management.

Answer: B,D

Explanation:

The capture shows messages related to WPA key management, indicating WPA2-PSK is being used. Also, the capture includes a DHCP request from the client but no corresponding DHCP ACK, suggesting the client is not receiving an IP address, which could explain the connectivity failure.

NEW QUESTION # 123

Throughput	1,905 Mpps	2,000 Mpps	2,607 Mpps	up to 7.142 Gbps
Switching Capacity	2.5 Tbps	6.4Tbs	4.8Tbs	up to 19.20 Tbps
Routing Table Size	131,072 entries (IPv4), 32,732 entries (IPv6)	131,072 entries (IPv4), 32,732 entries (IPv6)	606,977 entries (IPv4), 630,784 entries (IPv6)	1,011,712 entries (IPv4), 524,288 entries (IPv6)
MAC Address Table Size	96K	98,304	212,992	768,000 entries
MACsec Capable Hardware	No	No	On first 4 ports + last 2x40/100G ports	JL363A (32x10G SFP+)
MACsec Software Support	No	No	Yes	No
MACsec with EAP-TLS	No	No	On first 4 ports + last 2x40/100G ports	No
MACsec Capable Uplink Ports	No	No	No	No

The ACME company has CX 8320 switches at the Services-Aggregation layer and CX 6200 switches at the Wired Access Layer. WiFi WLANs are deployed in an L2 model. After implementing IPv6 for wireless clients alongside IPv4, connectivity problems have increased.

What is the most efficient step to resolve this problem?

- A. Replace the CX 8320 with CX 8360 switches**
- B. Replace the CX 8320 with CX 8325 switches
- C. Change the CX 8320 profile from L3-Agg to L3-Core
- D. Migrate to the GW supercluster with two service aggregation layers

Answer: A

Explanation:

The CX 8320 has significantly smaller control-plane scale for route tables-especially IPv6-compared to newer CX platforms. When dual-stacking WLAN clients (adding IPv6 alongside IPv4), the number of routes /neighbor entries increases markedly. HPE Aruba platform guidance shows:

* CX 8320/CX 8325 class: ~131K IPv4 and ~32K IPv6 routes.

References: HPE Aruba CX Platform Data-routing table scale by platform (8320 vs 8360); AOS-CX deployment guidance on dual-stack scale at aggregation.

NEW QUESTION # 124

Refer to the exhibit.

```
ap-01# show ata endpoint
2023-10-29 10:40:35 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da INIT TUN_RECV CONNECTING
2023-10-29 10:42:36 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da CONNECTING PROBE_TIMEOUT INIT
2023-10-29 10:42:36 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da INIT TUN_RECV_TIMEOUT SURVIVING
2023-10-29 10:48:12 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da SURVIVING TUN_RECV CONNECTING
2023-10-29 10:50:13 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da CONNECTING PROBE_TIMEOUT INIT
2023-10-29 10:50:22 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da INIT TUN_RECV CONNECTING
2023-10-29 10:52:23 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da CONNECTING PROBE_TIMEOUT INIT
2023-10-29 10:52:23 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da INIT TUN_RECV_TIMEOUT SURVIVING
2023-10-29 10:54:33 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da SURVIVING TUN_RECV CONNECTING
2023-10-29 10:56:34 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da CONNECTING PROBE_TIMEOUT INIT
2023-10-29 10:56:45 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da INIT TUN_RECV CONNECTING
2023-10-29 10:58:47 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da CONNECTING PROBE_TIMEOUT INIT
2023-10-29 10:58:47 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da INIT TUN_RECV_TIMEOUT SURVIVING
2023-10-29 11:03:20 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da SURVIVING TUN_RECV CONNECTING
2023-10-29 11:03:30 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da CONNECTING TUN_RECV CONNECTING
2023-10-29 11:05:32 192.168.1.92 34258bf3-1776-4dfa-af83-4f4f66e155da CONNECTING PROBE_TIMEOUT INIT
```

Given the log output, which statement is true?

- A. The gateway tunnel to the AP has a path MTU issue.
- B. AP-01's tunnel to 192.168.1.92 is in a survived state.
- C. AP-01 cannot communicate with the HPE Aruba Networking Central tunnel orchestrator.
- D. The gateway with IP address 192.168.1.92 is offline.**

Answer: D

Explanation:

* The show ata endpoint output lists the AP's AP Tunnel Agent (ATA) state transitions with a given gateway.

* Key state/result fields:

* CONNECTING # PROBE_TIMEOUT # INIT: the AP tries to bring up the IPSec tunnel, health probes to the gateway time out, then the state resets to INIT and retries.

* TUN_RECV_TIMEOUT: the AP stops receiving tunnel keepalives/packets from the gateway within the expected interval.

* SURVIVING indicates the AP is maintaining service with an already-up tunnel while control connectivity is impaired; it is not the state shown at the end here.

In the log, AP-01 repeatedly cycles through CONNECTING # PROBE_TIMEOUT # INIT, with intermittent TUN_RECV_TIMEOUT. This pattern is the documented symptom of the gateway being unreachable or down (no response to probes/keepalives), rather than a Central/orchestrator outage or PMTU problem.

Therefore, the correct conclusion is that the gateway at 192.168.1.92 is offline or not reachable.

* A is incorrect: the final/recurring state is not SURVIVING.

* C is incorrect: a Central/orchestrator issue would show SURVIVING (existing tunnel continues) rather than repeated probe timeouts to the gateway.

* D is incorrect: PMTU issues do not generate recurring PROBE_TIMEOUT/TUN_RECV_TIMEOUT cycles; they appear as ESP/IKE negotiation problems, not persistent probe loss.

NEW QUESTION # 125

.....

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