

100% Pass 2025 HPE7-A01: Authoritative Aruba Certified Campus Access Professional Exam Latest Braindumps Free



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Upon passing the exam, candidates will be awarded the Aruba Certified Campus Access Professional certification, which is valid for three years. To maintain the certification, candidates must pass a recertification exam or earn certain continuing education credits within three years of obtaining the certification.

HP HPE7-A01 certification exam is designed to test the skills and knowledge of IT professionals who work with Aruba products and solutions. Aruba is a leading provider of wireless networking equipment and services, and the HPE7-A01 Exam focuses specifically on the skills required to plan, design, and deploy Aruba campus wireless networks.

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The HP HPE7-A01 exam consists of 60 multiple-choice questions that cover a range of topics related to wireless networking, including network fundamentals, wireless LAN design, installation and configuration, troubleshooting, and security. HPE7-A01 Exam is timed and candidates have 90 minutes to complete it. To pass the exam, candidates must score at least 65%.

HP Aruba Certified Campus Access Professional Exam Sample Questions (Q67-Q72):

NEW QUESTION # 67

Which method is used to onboard a new UXI in an existing environment with 802.1X authentication? (The sensor has no cellular connection)

- A. Connect the new UXI from an already installed one and adjust the initial configuration.
- **B. Use the UXI app on your smartphone and connect the UXI via Bluetooth**
- C. Use the Aruba installer app on your smartphone to scan the barcode
- D. Use the CLI via the serial cable and adjust the initial configuration.

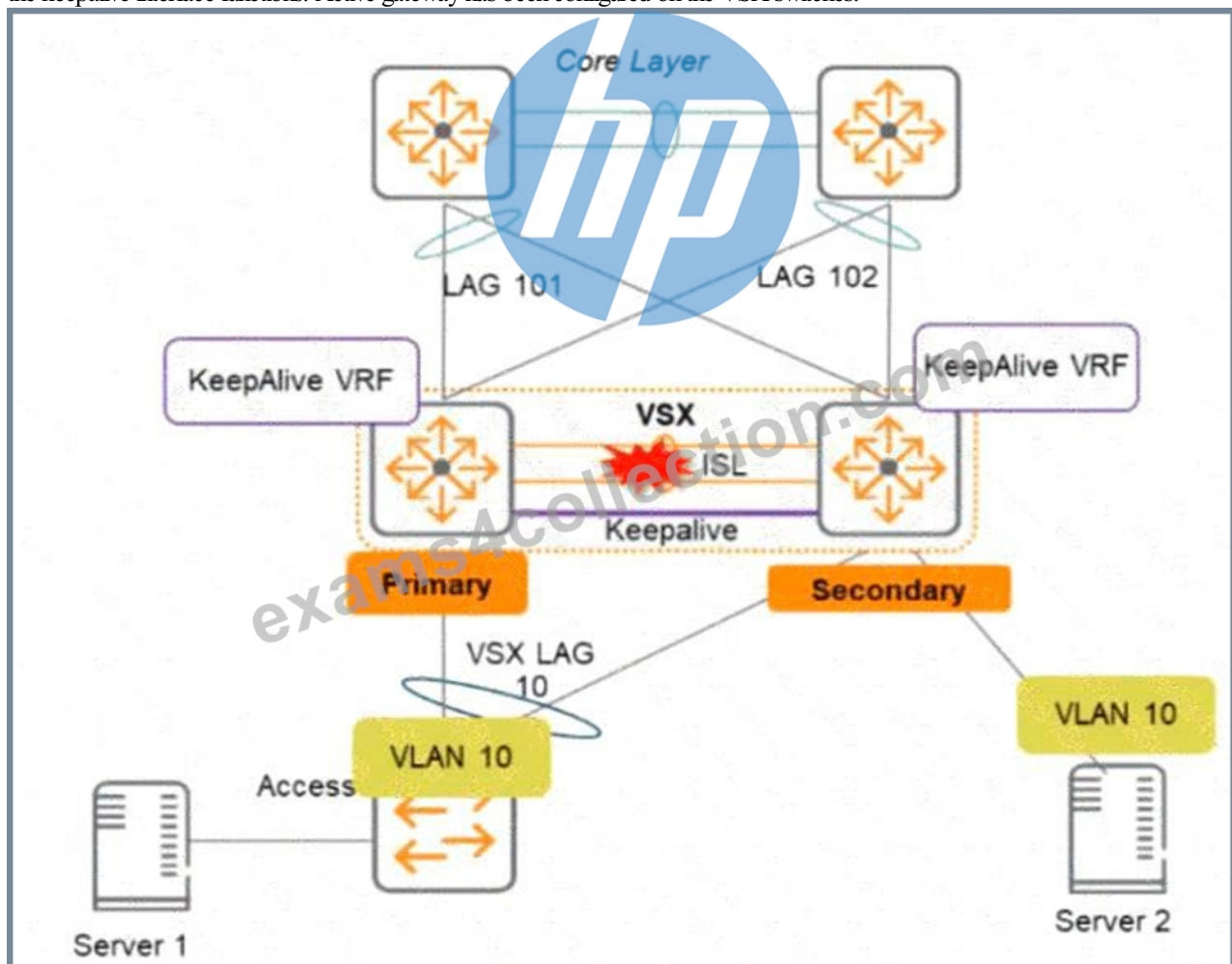
Answer: B

Explanation:

To onboard a new UXI in an existing environment with 802.1X authentication, you need to use the UXI app on your smartphone and connect the UXI via Bluetooth. The UXI app allows you to scan the QR code on the UXI sensor and configure its network settings, such as SSID, password, IP address, etc. The Bluetooth connection allows you to communicate with the UXI sensor without requiring any network access or cellular connection. The other options are incorrect because they either do not use the UXI app or do not use Bluetooth. Reference: <https://www.arubanetworks.com/products/network-management-operations/analytics-monitoring/user-experience-insight-sensors/> https://help.centralon-prem.arubanetworks.com/2.5.4/documentation/online_help/content/nms-on-prem/aos-cx/get-started/uxi-sensor.htm

NEW QUESTION # 68

Two AOS-CX switches are configured with VSX at the the Access-Aggregation layer where servers attach to them An SVI interface is configured for VLAN 10 and serves as the default gateway for VLAN 10. The ISL link between the switches fails, but the keepalive interface functions. Active gateway has been configured on the VSX switches.



What is correct about access from the servers to the Core? (Select two.)

- **A. Server 1 can access the core layer via both uplinks**
- B. Server 1 can access the core layer on only one uplink
- C. Server 1 can access the core layer via the keepalive link

- D. Server 1 and Server 2 can communicate with each other via the core layer
- E. Server 2 can access the core layer via the keepalive link
- F. Server 2 cannot access the core layer.

Answer: A,D

Explanation:

These are the correct statements about access from the servers to the Core when the ISL link between the switches fails, but the keepalive interface functions. Server 1 can access the core layer via both uplinks because it is connected to VSX-A, which is still active for VLAN 10. Server 2 can also access the core layer via its uplink to VSX-B, which is still active for VLAN 10 because of Active Gateway feature. Server 1 and Server 2 can communicate with each other via the core layer because they are in the same VLAN and subnet, and their traffic can be routed through the core switches. The other statements are incorrect because they either describe scenarios that are not possible or not relevant to the question. References: <https://www.arubanetworks.com/techdocs/AOS-CX/10.04/HTML/5200-6728/bk01->

NEW QUESTION # 69

Your manufacturing client is deploying two hundred wireless IP cameras and fifty headless scanners in their warehouse. These new devices do not support 802.1X authentication.

How can HPE Aruba enhance security for these new IP cameras in this environment?

- A. Use MPSK Local to automatically provide unique pre-shared Keys for devices.
- B. MPSK Local will allow the cameras to share a key and the scanners to share a different
- C. MPSK provides for each device in the WLAN to have its own unique pre-shared Key.
- D. Aruba ClearPass performs the 802.1X authentication and installs a certificate.

Answer: C

Explanation:

The best option to enhance security for the new IP cameras and scanners in this environment is C. MPSK provides for each device in the WLAN to have its own unique pre-shared key.

MPSK stands for Multi Pre-Shared Key, and it is a feature that allows different devices to connect to the same SSID with different pre-shared keys. This improves the security and scalability of the network, as each device can have its own key and role without requiring 802.1X authentication or an external policy engine. MPSK can be configured either locally on the AP or centrally on Aruba Central².

The other options are incorrect because:

* A. MPSK Local is a feature that allows the user to configure 24 PSKs per SSID locally on the device.

These local PSKs would serve as an extension of the base MPSK functionality. However, MPSK Local is not suitable for this scenario, as it can only support up to 24 devices per SSID, while the client has 250 devices¹.

* B. Aruba ClearPass is a network access control solution that can perform 802.1X authentication and install certificates for devices. However, this option is not feasible for this scenario, as the new IP cameras and scanners do not support 802.1X authentication³.

* D. MPSK Local will not allow the cameras to share a key and the scanners to share a different key.

MPSK Local will assign a different key to each device, regardless of their type. Moreover, MPSK Local can only support up to 24 devices per SSID, while the client has 250 devices¹.

NEW QUESTION # 70

What is the best practice for handling voice traffic with dynamic segmentation on AOS-CX switches?

- A. Switch authentication and user-based tunneling of the voice traffic.
- B. Controller authentication and port-based tunneling of all traffic
- C. Switch authentication and local forwarding of the voice traffic
- D. Central authentication and port-based tunneling of the voice traffic.

Answer: C

Explanation:

This is the best practice for handling voice traffic with dynamic segmentation on AOS-CX switches.

Dynamic segmentation is a feature that allows AOS-CX switches to tunnel user traffic to a controller or another switch based on

user roles and policies. For voice traffic, it is recommended to use switch authentication and local forwarding, which means the voice devices are authenticated by the switch and their traffic is forwarded locally without tunneling. This reduces latency and jitter for voice traffic and improves voice quality. The other options are incorrect because they either use central authentication or tunneling, which are not optimal for voice traffic.

References:

<https://www.arubanetworks.com/techdocs/AOS-CX/10.04/HTML/5200-6728/bk01-ch05.html>

https://www.arubanetworks.com/assets/ds/DS_AOS-CX.pdf

NEW QUESTION # 71

A customer is looking for a wireless authentication solution for all of their IoT devices that meet the following requirements

- The wireless traffic between the IoT devices and the Access Points must be encrypted
- Unique passphrase per device
- Use fingerprint information to perform role-based access

Which solutions will address the customer's requirements? (Select two.)

- A. MPSK Local with MAC Authentication
- **B. ClearPass Policy Manager**
- C. Local User Derivation Rules
- **D. MPSK Local with EAP-TLS**
- E. MPSK and an internal RADIUS server

Answer: B,D

Explanation:

The correct answers are C and D.

MPSK (Multi Pre-Shared Key) is a feature that allows multiple PSKs to be used on a single SSID, providing device-specific or group-specific passphrases for enhanced security and deployment flexibility for headless IoT devices¹. MPSK requires MAC authentication against a ClearPass Policy Manager server, which returns the encrypted passphrase for the device in a RADIUS VSA². ClearPass Policy Manager is a platform that provides role- and device-based network access control for any user across any wired, wireless and VPN infrastructure³. ClearPass Policy Manager can also use device profiling and posture assessment to assign roles based on device fingerprint information⁴.

MPSK Local is a variant of MPSK that allows the user to configure up to 24 PSKs per SSID locally on the device, without requiring ClearPass Policy Manager⁵. MPSK Local can be combined with EAP-TLS (Extensible Authentication Protocol-Transport Layer Security), which is a secure authentication method that uses certificates to encrypt the wireless traffic between the IoT devices and the access points⁶. EAP-TLS can also use device certificates to perform role-based access control⁶.

Therefore, both ClearPass Policy Manager and MPSK Local with EAP-TLS can meet the customer's requirements for wireless authentication, encryption, unique passphrase, and role-based access for their IoT devices.

MPSK and an internal RADIUS server is not a valid solution, because MPSK does not support internal RADIUS servers and requires ClearPass Policy Manager⁷. MPSK Local with MAC Authentication is not a valid solution, because MAC Authentication does not encrypt the wireless traffic or use fingerprint information for role-based access². Local User Derivation Rules are not a valid solution, because they do not provide unique passphrase per device or use fingerprint information for role-based access¹⁰¹¹¹².

NEW QUESTION # 72

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