

# HP HPE7-A02 Exam Quizzes, Exam HPE7-A02 PDF

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HP Aruba Certified Network Security Professional - HPE7-A02 Free Exam Questions

**QUESTION NO: 21**  
A company issues user certificates to domain computers using its Windows CA and the default user certificate template. You have set up HPE Aruba Networking ClearPass Policy Manager (CPPM) to authenticate 802.1X clients with those certificates. However, during tests, you receive an error that authentication has failed because the usernames do not exist in the authentication source. What is one way to fix this issue and enable clients to successfully authenticate with certificates?

A. Configure rules to strip the domain name from the username.  
 B. Change the authentication method list to include both PEAP MSCHAPV2 and EAP-TLS.  
 C. Add the ClearPass Onboard local repository to the authentication source list.  
 D. Remove EAP-TLS from the authentication method list and add TEAP there instead.

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Correct Answer: A [Write an answer](#)

To fix the issue where authentication fails because the usernames do not exist in the authentication source, you can configure rules in HPE Aruba Networking ClearPass Policy Manager (CPPM) to strip the domain name from the username. When certificates are issued by a Windows CA, the username in the certificate often includes the domain (e.g., user@domain.com). ClearPass might not be able to find this format in the authentication source. By stripping the domain name, you ensure that ClearPass searches for just the username (e.g., user) in the authentication source, allowing successful authentication.

**QUESTION NO: 22**  
You are deploying a virtual Data Collector for use with HPE Aruba Networking ClearPass Device Insight (CDI). You have identified VLAN 101 in the data center as the VLAN to which the Data Collector should connect to receive its IP address and connect to HPE Aruba Networking Central. Which Data Collector virtual ports should you tell the virtual admin to connect to VLAN 101?

A. The one with the lowest MAC address  
 B. The one with the highest port ID  
 C. The one with the highest MAC address  
 D. The one with the lowest port ID

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Correct Answer: D [Write an answer](#)

When deploying a virtual Data Collector for HPE Aruba Networking ClearPass Device Insight (CDI), it is essential to ensure that the correct virtual port is connected to the designated VLAN. In this case, VLAN 101 is used to receive the IP address and connect to Aruba Central. The best practice is to use the virtual port with the lowest port ID. This is typically the primary port used for management and network connectivity in virtual environments, ensuring proper network integration and communication.

**QUESTION NO: 23**  
You need to set up an HPE Aruba Networking VIA solution for a customer who needs to support 2100 remote employees. The customer has downloaded their VIA connection profile from the VPMC. Only employees who authenticate with their domain credentials to HPE Aruba Network Manager (CPPM) should be able to download the profile. (A RADIUS server group for CPPM is already set up on the VPMC.) How do you configure the VPMC to enforce that requirement?

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Passing the HPE7-A02 Exam is a key step towards earning the Aruba Certified Network Security Professional (ACNSP) certification, which is recognized as a symbol of expertise in network security. Aruba Certified Network Security Professional Exam certification is highly valued by employers and can help network professionals stand out in a competitive job market. With a strong understanding of network security concepts and the ability to design and implement secure network infrastructures, ACNSP-certified professionals are well-equipped to meet the challenges of today's rapidly-evolving security landscape.

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HP HPE7-A02 exam, also known as the Aruba Certified Network Security Professional (ACNSP) Exam, is designed to test the knowledge and skills of network professionals in securing wireless and wired networks. HPE7-A02 Exam covers a wide range of topics, including network security concepts, access control, authentication and encryption, firewall technologies, and intrusion prevention.

## HP Aruba Certified Network Security Professional Exam Sample Questions (Q23-Q28):

### NEW QUESTION # 23

A company wants to apply a standard configuration to all AOS-CX switch ports and have the ports dynamically adjust their configuration based on the identity of the user or device that connects. They want to centralize configuration of the identity-based settings as much as possible.

What should you recommend?

- A. Having switches download user-roles from HPE Aruba Networking gateways
- B. Having HPE Aruba Networking ClearPass Policy Manager (CPPM) send standard RADIUS AVPs to customize port settings
- C. Having switches download user-roles from HPE Aruba Networking ClearPass Policy Manager (CPPM)
- D. Having switches pull port configurations dynamically from HPE Aruba Networking Activate

**Answer: C**

Explanation:

For a company that wants to apply a standard configuration to all AOS-CX switch ports and dynamically adjust their configuration based on the identity of the user or device that connects, the best approach is to have the switches download user-roles from HPE Aruba Networking ClearPass Policy Manager (CPPM). This method centralizes the configuration of identity-based settings in CPPM, allowing it to dynamically assign roles and policies to switch ports based on authentication and authorization results. This ensures consistent and secure network access control tailored to each user or device.

### NEW QUESTION # 24

Admins have recently turned on Wireless IDS/IPS infrastructure detection at the high level on HPE Aruba Networking APs. When you check WIDS events, you see several RTS rate and CTS rate anomalies, which were triggered by neighboring APs.

What can you interpret from this event?

- A. These neighboring APs are actually rogue APs, and you should enable wireless tarpit containment on them.
- B. These neighboring APs are actually rogue APs, and you should enable wireless de-authentication containment on them.
- C. These neighboring APs are likely to be wireless clients that are inappropriately bridging their wired and wireless NICs; you should track down and remove them.
- D. These neighboring APs might be hackers trying to launch a DoS, but are more likely operating normally; you should start by tuning the event thresholds.

**Answer: D**

Explanation:

When Wireless IDS/IPS infrastructure detection reports RTS (Request to Send) and CTS (Clear to Send) rate anomalies triggered by neighboring APs, it is often an indication of unusual, but not necessarily malicious, behavior. These anomalies can be caused by neighboring APs operating normally but under specific conditions that trigger the alerts. Before assuming a security threat, it is recommended to tune the event thresholds to better match the environment and reduce false positives. This approach helps to distinguish between normal operations and potential DoS attacks.

### NEW QUESTION # 25

A company uses HPE Aruba Networking ClearPass Policy Manager (CPPM) as a TACACS+ server to authenticate managers on its AOS-CX switches. You want to assign managers to groups on the AOS-CX switch by name.

How do you configure this setting in a CPPM TACACS+ enforcement profile?

- A. Add the Aruba:Common service and set Aruba-Priv-Admin-User to the group name.
- B. Add the Shell service and set priv-lvl to the group name.
- C. Add the Shell service and set autocmd to the group name.

- D. Add the Aruba:Common service and set Aruba-Admin-Role to the group name.

**Answer: D**

Explanation:

To assign managers to groups on the AOS-CX switch by name using HPE Aruba Networking ClearPass Policy Manager (CPPM) as a TACACS+ server, you should add the Aruba service to the TACACS+ enforcement profile and set the Aruba-Admin-Role to the group name. This configuration ensures that the appropriate administrative roles are assigned to managers based on their group membership, allowing for role-based access control on the AOS-CX switches.

**NEW QUESTION # 26**

A company is implementing a client-to-site VPN based on tunnel-mode IPsec.

Which devices are responsible for the IPsec encapsulation?

- A. The remote clients and a gateway at the main site
- B. Gateways at the remote clients' locations and devices accessed by the clients at the main site
- C. The remote clients and devices accessed by the clients at the main site
- D. Gateways at the remote clients' locations and a gateway at the main site

**Answer: A**

Explanation:

In a client-to-site VPN based on tunnel-mode IPsec, the remote clients and a gateway at the main site are responsible for the IPsec encapsulation. The remote clients initiate the VPN connection and encapsulate their traffic in IPsec, which is then decapsulated by the gateway at the main site.

1. IPsec Encapsulation: The remote clients encapsulate their traffic using IPsec protocols before sending it over the internet to the main site.

2. Gateway Role: The gateway at the main site receives the encapsulated traffic, decapsulates it, and forwards it to the internal network. Similarly, traffic from the main site to the remote clients is encapsulated by the gateway and decapsulated by the clients.

3. Security: This setup ensures that data is securely transmitted between the remote clients and the main site, protecting it from eavesdropping and tampering.

**NEW QUESTION # 27**

A company wants to apply a standard configuration to all AOS-CX switch ports and have the ports dynamically adjust their configuration based on the identity of the user or device that connects. They want to centralize configuration of the identity-based settings as much as possible.

What should you recommend?

- A. Having switches download user-roles from HPE Aruba Networking gateways
- B. Having HPE Aruba Networking ClearPass Policy Manager (CPPM) send standard RADIUS AVPs to customize port settings
- C. Having switches download user-roles from HPE Aruba Networking ClearPass Policy Manager (CPPM)
- D. Having switches pull port configurations dynamically from HPE Aruba Networking Activate

**Answer: C**

Explanation:

For a company that wants to apply a standard configuration to all AOS-CX switch ports and dynamically adjust their configuration based on the identity of the user or device that connects, the best approach is to have the switches download user-roles from HPE Aruba Networking ClearPass Policy Manager (CPPM).

This method centralizes the configuration of identity-based settings in CPPM, allowing it to dynamically assign roles and policies to switch ports based on authentication and authorization results. This ensures consistent and secure network access control tailored to each user or device.

**NEW QUESTION # 28**

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