



# HPE6-A81<sup>Q&As</sup>

Aruba Certified ClearPass Expert Written Exam

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**QUESTION 1**

Refer to the Exhibit:

Configuration > Services > Edit - HeathCheck-Service

### Services - HeathCheck-Service

Summary Service Roles Posture **Enforcement**

Use Cached Results:  Use cached Roles and Posture attributes from previous sessions

Enforcement Policy: T2-OnGuard-Policy Modify Add New Enforcement Policy

**Enforcement Policy Details**

Description:

Default Profile: [ArubaOS Wireless - Terminate Session]

Rules Evaluation Algorithm: first-applicable

Conditions	Enforcement Profiles
1. (Tips:Posture - <b>ONPASS</b> HEALTHY (0))	T2-Emp-Healthy, [ArubaOS Wireless - Terminate Session], [Cisco - Terminate Session]
2. (Tips:Posture - <b>ONFAIL</b> QUARANTINE (20))	T2-Emp-Unhealthy, [ArubaOS Wireless - Terminate Session], [Cisco - Terminate Session]

Exhibit A77-01126930-347

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Configuration > Posture > Posture Policies > Edit - T2-OnGuard-Posture-Policy

### Posture Policies - T2-OnGuard-Posture-Policy

Summary Policy Posture Plugins **Rules**

Rules Evaluation Algorithm: First applicable

Conditions	Posture Token
1. Passes all SHV checks - ClearPass Windows Universal System Health Validator	HEALTHY
2. Fails one or more SHV checks - ClearPass Windows Universal System Health Validator	QUARANTINE

Add Rule Move Up Move Down Edit Rule Remove Rule

Configuration > Services > Edit - Aruba 802.1X Wireless

### Services - Aruba 802.1X Wireless

Summary Service **Authentication** Authorization Roles Enforcement

Use Cached Results:  Use cached Roles and Posture attributes from previous sessions

Enforcement Policy: secure1-zx Aruba 802.1X Wireless Enforcement Policy Modify Add New Enforcement Policy

**Enforcement Policy Details**

Description:

Default Profile: [Deny Access-Profile]

Rules Evaluation Algorithm: first-applicable

Conditions	Enforcement Profiles
1. (Tips:Role - <b>ONPASS</b> T2-Staff-User) [Machine Authenticated] T2-SOL-Device	T2-Employee-Auth
2. (Tips:Posture - <b>ONPASS</b> HEALTHY (0)) (Tips:Role - <b>ONPASS</b> [User Authenticated] T2-SOL-Device	T2-Employee-Auth
3. (Tips:Role - <b>ONPASS</b> T2-Staff-User) (Tips:Posture - <b>ONPASS</b> HEALTHY (0)) T2-MDM-Device	T2-Employee-Auth
4. (Tips:Role - <b>ONPASS</b> [User Authenticated]) (Tips:Posture - <b>ONPASS</b> QUARANTINE (20))	T2-Quarantine-Profile
5. (Tips:Role - <b>ONPASS</b> [User Authenticated]) (Tips:Posture - <b>ONPASS</b> UNKNOWN (100))	T2 - Unknown - Profile

A customer wants to integrate posture validation into an Aruba Wireless 802.1X authentication service

During testing, the client connects to the Aruba Employee Secure SSID and is redirected to the Captive Portal page where the user can download the OnGuard Agent After the Agent is installed, the client receives the Healthy token the client remains connected to the Captive Portal page ClearPass is assigning the endpoint the following roles: T2-Staff-User. (Machine Authenticated! and T2-SOL-Device. What could cause this behavior?



- A. The Enforcement Policy conditions for rule 1 are not configured correctly.
- B. Used Cached Results: has not been enabled In the Aruba 802.1X Wireless Service
- C. RFC-3576 Is not configured correctly on the Aruba Controller and does not update the role.
- D. The Enforcement Profile should bounce the connection instead of a Terminate session

Correct Answer: B

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### QUESTION 2

A customer would like to allow only the AD users with the "Manager" title from the "HQ" location to Onboard their personal devices. Any other AD users should not be authorized to pass beyond the initial device provisioning page.

Which Onboard service will you use to implement this requirement?

- A. Onboard CP login service
- B. Onboard Authorization service
- C. Onboard Provisioning service
- D. Onboard Pre-Auth service

Correct Answer: A

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### QUESTION 3

A customer is planning to implement machine and user authentication on infrastructure with one Aruba Controller and a single ClearPass Server.

What should the customer consider while designing this solution? (Select three.)

- A. The Windows User must log off, restart or disconnect their machine to initiate a machine authentication before the cache expires.
- B. The machine authentication status is written in the Multi-master cache on the ClearPass Server for 24 hrs.
- C. Onboard must be used to install the Certificates on the personal devices to do the user and machine authentication.
- D. The Customer should enable Multi-Master Cache Survivability as the Aruba Controller will not cache the machine state.
- E. Machine Authentication only uses EAP TLS, as such a PKI infrastructure should be in place for machine authentication.
- F. The customer does not need to worry about Multi-Master Cache Survivability because the Controller will also cache the machine state.



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Correct Answer: BCE

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#### QUESTION 4

A customer has a ClearPass cluster deployment with four servers, two servers at the data center and two servers at a large remote site connected over an SD-WAN solution. The customer would like to implement OnGuard, Guest Self-Registration, and 802.1x authentication across their entire environment. During testing the customer is complaining that users connecting to an Instant Cluster Employee SSID at the remote site, with the OnGuard Persistent Agent installed are randomly getting their health check missed. What could be a possible cause of this behavior?

- A. The OnGuard Clients are automatically mapped to the Policy Manager Zone based on their IP range but an ACL on the switch could be blocking access.
- B. The traffic on the TCP port 6658 is congested due to the fact that this port is also used by the IPsec keep-alive packets of the SD-WAN solution.
- C. The ClearPass Policy Manager zones have been defined but the local IP sub-nets have not been properly mapped to the zones and the OnGuard Agent might connect to any of the servers in the cluster.
- D. The Aruba-user-role received by the IAP is filtering the TCP port 6658 to the ClearPass servers and after 10 seconds the SSL fallback gets activated and randomly generates the issue.

Correct Answer: D

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#### QUESTION 5

You are integrating a Postgres SQL server with the ClearPass Policy Manager. What steps will you follow to complete the integration process? (Select three)

- A. Click on the default filter name with pre-defined filter queries and check box to enable as role.
- B. Specify a new filter with filter queries to fetch authentication and authorization attributes.
- C. Attribute Name under filter configuration must match one of the columns being requested from the database table.
- D. Create a new Endpoint context server and add the SQL server IP, credentials and the database name.
- E. Alias Name under filter configuration must match one of the columns being requested from the database table.
- F. Create a new authentication source and add the SQL server IP, credentials and the database name.

Correct Answer: BDF

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