



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

Aruba Certified ClearPass Expert Written Exam

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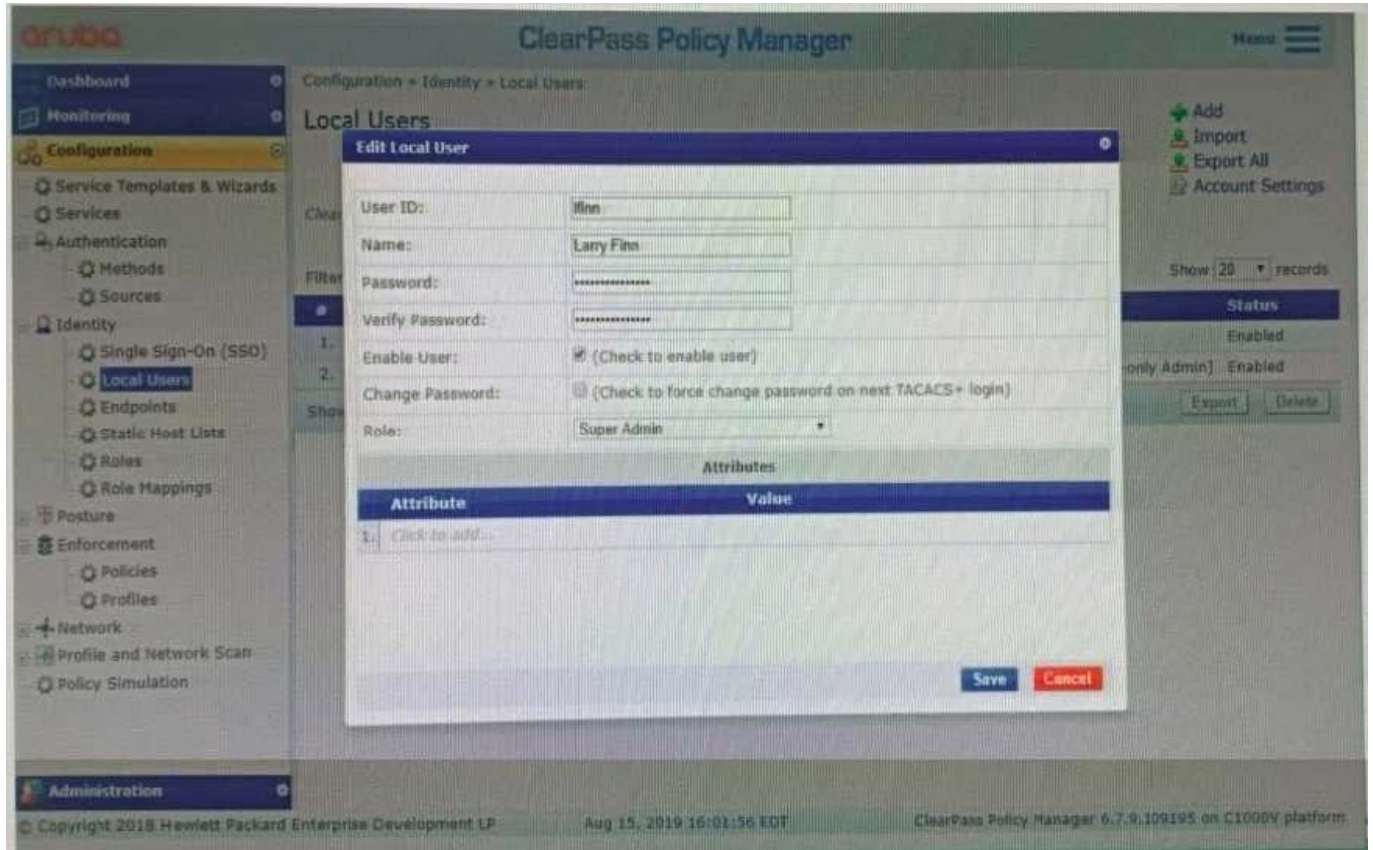
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## QUESTION 1

Refer to the exhibit:



The customer complains that the user shown cannot log into the ClearPass Server as an administrator using the [Policy Manager Admin Network Login Service]. What could be the reason for this?

- A. The user might be used for a TACACS authentication
- B. The account created does not fit this purpose.
- C. The mapping on the role should be changed to [RADIUS Super Admin]
- D. The local user authentication might be disabled

Correct Answer: B

## QUESTION 2

Which statements are true about Aruba downloadable user roles? (Select three.)

- A. Can be applied only on ports or WLAN users authenticated by ClearPass.
- B. Aruba downloadable user role are universally available across the environment



- C. Aruba downloadable user role is a built in enforcement template in ClearPass
- D. Downloadable role names must be defined in Aruba switch or controller
- E. Can use these roles for other authentication methods not involving ClearPass
- F. Administering downloadable user roles can be difficult for a large enterprise

Correct Answer: ADE

### QUESTION 3

Refer to the exhibit:

Request Details			
Summary	Input	Output	Alerts
Login Status:	ACCEPT		
Session Identifier:	R0000001e-01-5d9ef61c		
Date and Time:	Oct 10, 2019 05:13:00 EDT		
End-Host Identifier:	20-4c-03-5b-4a-d2		
Username:	204c035b4ad2		
Access Device IP/Port:	10.1.70.5:3 (HPE Aruba switch / Hewlett-Packard-Enterprise)		
System Posture Status:	UNKNOWN (100)		
Policies Used -			
Service:	HPE-Aruba Wired Mac auth		
Authentication Method:	MAC-AUTH		
Authentication Source:	None		
Authorization Source:	[Endpoints Repository]		
Roles:	[User Authenticated]		
Enforcement Profiles:	Assign Switch role PROFILE		
Service Monitor Mode:	Disabled		
Online Status:	Not Available		

Showing 1 of 1-20 records | Change Status | Show Configuration | Export | Show Logs | Close

Request Details			
Summary	Input	Output	Alerts
Enforcement Profiles:	Assign Switch role PROFILE		
System Posture Status:	UNKNOWN (100)		
Audit Posture Status:	UNKNOWN (100)		
RADIUS Response			
Radius:Hewlett-Packard-Enterprise:HPE-User-Role Profile			





```
P50-T7-2930(config)# sho port-access clients
```

```
Port Access Client Status
```

Port	Client Name	MAC Address	IP Address	User Role	Type
-----					
VLAN					
-----					
3	204c035b4ad2	204c03-5b4ad2	n/a	denyall	MAC
70					

```
P50-T7-2930(config)# show user-role
```

```
User Roles
```

```
Enabled      : Yes  
Initial Role : denyall
```

Type	Name
local	PROFILE
predefined	denyall
local	AP-ACCESS

```
P50-T7-2930(config)#
```

Configuration > Services > Edit - HPE-Aruba Wired Mac auth

### Services - HPE-Aruba Wired Mac auth

Summary	Service	Authentication	Authorization	Roles	Enforcement	Profiler
Use Cached Results:	<input checked="" type="checkbox"/> Use cached Roles and Posture attributes from previous sessions					
Enforcement Policy:	HPE-ArubaOS Mac auth policy					Modify
Add New Enforcement Policy						
Enforcement Policy Details						
Description:						
Default Profile:	[Deny Access Profile]					
Rules Evaluation Algorithm:	first-applicable					
Conditions			Enforcement Profiles			
1. (Authorization:[Endpoints Repository]:Category <b>NOT_EXISTS</b> )			Assign Switch role PROFILE			
2. (Authorization:[Endpoints Repository]:Category <b>EQUALS</b> Access Points)			Assign Aruba switch role AP-ACCESS			
AND (Authorization:[Endpoints Repository]:OS Family <b>EQUALS</b> Aruba)						

You have been asked to help a Customer troubleshoot an issue. They have configured an Aruba OS switch (Aruba 2930 with 16.09) to do MAC authentication with profiling using ClearPass as the authentication source. They cannot get it working.

Using the screenshots as a reference, how will you fix the issue?

A. Delete the initial role in the Aruba OS switch to force the device to get the server derived user roles



- B. Use a CoA to bounce the switch port to force the port to change to the correct Aruba user role
- C. Change the Vendor settings for the Aruba OS switch to "Aruba" so that the enforcement will use the correct VSAs
- D. Modify the enforcement profile conditions with Aruba Vendor specific attributes and Aruba-user- roles
- E. User-roles are case sensitive, update the correct role with correct case in the enforcement profile

Correct Answer: D

#### QUESTION 4

Refer to the exhibit:

**Create New Report** Sample Report

What would you like to see in your new Report?

Report Name	Category	Notifications	Options
<input type="text" value="Name"/>	<b>Authentication</b> ▼	<input checked="" type="checkbox"/> Notify by Email <input type="text" value="it@ad1.com"/>	<input checked="" type="checkbox"/> Include raw data in output <b>This is an executive report which includes pre-defined CSV columns</b>
<input type="text" value="Description"/>	<input type="radio"/> Accounting - Bandwidth and Session <input type="radio"/> Auth Overview <input type="radio"/> Auth Trend <input type="radio"/> Auth by AuthSrc <input type="radio"/> Auth by ClearPass	<input type="checkbox"/> Notify by SMS <input type="text"/>	<input type="checkbox"/> Enable remote copy <b>Configure the Remote Directory in the Administration section to specify the remote copy destination.</b>

When creating a new report, there is an option to send report Notifications by Email. Where is the email server configured?

- A. In the ClearPass Policy Manager Endpoint Context servers under Administration.
- B. In the Insight Reports Interface under Administration on the sidebar menu.
- C. In the insight report on the next screen of the report definition.
- D. In the ClearPass Policy Manager Messaging setup under Administration.

Correct Answer: B

#### QUESTION 5



Refer to the exhibit: A customer has configured a service with the Onboard Devices Repository as an Authentication Source and an Active Directory Domain Server as an Authorization Source. What will happen if the client certificate is still valid and the user account associated with the certificate is disabled in Active Directory?

Configuration » Services » Edit - My\_organization\_ Onboard Provisioning

### Services - My\_organization\_ Onboard Provisioning

Summary Service Authentication Authorization Roles Enforcement

**Service:**

Name: My\_organization\_ Onboard Provisioning

Description: 802.1X wireless access service authenticating users prior to device provisioning with Onboard, and after device provisioning is complete

Type: Aruba 802.1X Wireless

Status: Enabled

Monitor Mode: Disabled

More Options: Authorization

**Service Rule**

Match ALL of the following conditions:

Type	Name	Operator	Value
1. Radius:IETF	NAS-Port-Type	EQUALS	Wireless-802.11 (19)
2. Radius:IETF	Service-Type	BELONGS_TO	Login-User (1), Framed-User (2), Authenticate-Only (8)
3. Radius:Aruba	Aruba-Essid-Name	EQUALS	Home_SSID

**Authentication:**

Authentication Methods: [EAP-TLS With OCSP Enabled]

Authentication Methods: [EAP-TLS With OCSP Enabled]

Authentication Sources: [Onboard Devices Repository]

Strip Username Rules: /:user

Service Certificate: -

**Authorization:**

Authorization Details: AD1

**Roles:**

Role Mapping Policy: -

**Enforcement:**

Use Cached Results: Disabled

Enforcement Policy: My\_organization\_ Onboard Provisioning Enforcement Policy

◀ Back to Services

Disable Copy Save Cancel

- A. ClearPass will not process the request
- B. Enforcement will apply the [Deny Access Profile]
- C. ClearPass will redirect the client to Onboard again
- D. ClearPass will block network access to the device
- E. ClearPass will allow the device to access the network.

Correct Answer: D

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