

HPE6-A68^{Q&As}

Aruba Certified ClearPass Professional (ACCP) V6.7

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QUESTION 1

Refer to the exhibit.

Summary	Policy	Mapping Rules
Policy:		
Policy Name:	WLAN role mapping	
Description:		
Default Role:	[Guest]	
Mapping Rules:		
Rules Evaluation Algorithm:	First applicable	
Conditions	Role Name	
1. (Authorization:remotelab AD:Department EQUALS Product Management) OR (Authorization:remotelab AD:UserDN EQUALS Executive)	Executive	
2. (Authorization:[Endpoints Repository]:OS Family EQUALS_IGNORE_CASE Windows)	Vendor	
3. (Authorization:[Endpoints Repository]:Category CONTAINS SmartDevice) AND (Authorization:[Endpoints Repository]:OS Family EQUALS_IGNORE_CASE Apple)	iOS Device	
4. (Authorization:remotelab AD:Department EQUALS HR) OR (Connection:NAD-IP-Address BELONGS_TO_GROUP HQ) OR (Date:Day-of-week NOT_BELONGS_TO Saturday, Sunday)	HR Local	
5. (Host:OSType CONTAINS Fedora) OR (Host:OSType CONTAINS Redhat) OR (Host:OSType CONTAINS Ubuntu)	Linux User	
6. (Connection:NAD-IP-Address BELONGS_TO_GROUP Remote NAD)	Remote Employee	

An AD user's department attribute value is configured as "QA". The user authenticates from a laptop running MAC OS X. Which role is assigned to the user in ClearPass?

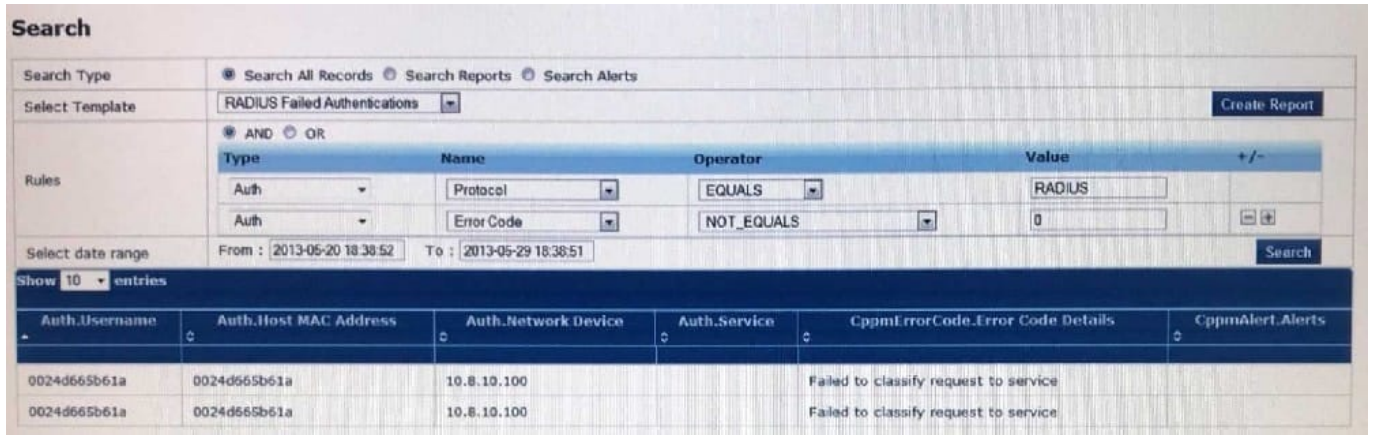
- A. HR Local
- B. Remote Employee
- C. [Guest]
- D. Executive
- E. IOS Device

Correct Answer: C

None of the Listed Role Name conditions are met.

QUESTION 2

Refer to the exhibit.



An administrator configured a service and tested authentication, but was unable to complete authentication successfully. The administrator performs a Search using insight and the information displays as shown. What is a possible reason for the ErrorCode `Failed to classify request to service` shown?

- A. The user failed authentication due to an incorrect password.
- B. ClearPass could not match the authentication request to a service, but the user passed authentication.
- C. ClearPass service authentication sources were not configured correctly.
- D. The NAD did not send the authentication request.
- E. ClearPass service rules were not configured correctly.

Correct Answer: E

QUESTION 3

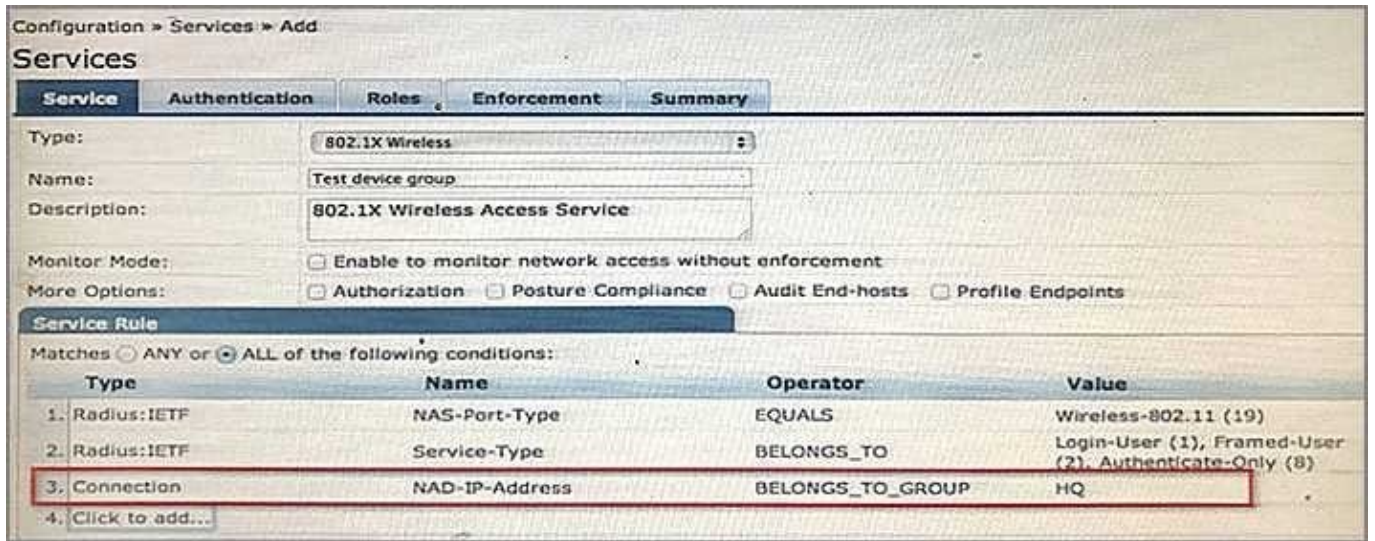
Which statement is true about the configuration of a generic LDAP server as an External Authentication server in ClearPass? (Choose three.)

- A. Generic LDAP Browser can be used to search the Base DN.
- B. An administrator can customize the selection of attributes fetched from an LDAP server.
- C. The bind DN can be in the administrator@domain format.
- D. A maximum of one generic LDAP server can be configured in ClearPass.
- E. A LDAP Browser can be used to search the Base DN.

Correct Answer: ABE

QUESTION 4

Refer to the exhibit.



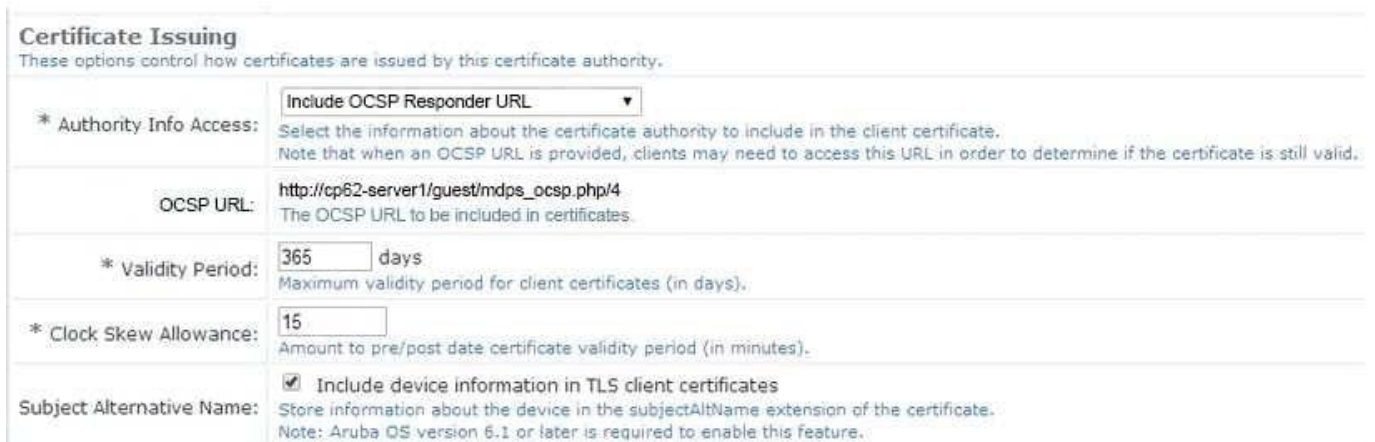
Under which circumstances will ClearPass select the Policy Service named `Test device group`?

- A. when the NAD belongs to an Airware device group HQ
- B. when the ClearPass IP address is part of the device group HQ
- C. when the Aruba access point that the client is associated to is part of the device group HQ
- D. when an end user IP address is part of the device group HQ
- E. when the IP address of the NAD is part of the device group HQ

Correct Answer: E

QUESTION 5

Refer to the exhibit.



What is the purpose of the `Clock Skew Allowance` setting? (Select two.)

- A. to ensure server certificate validation does not fail due to client clock sync issues

- B. to set start time in client certificate to a few minutes before current time
- C. to adjust clock time on client device to a few minutes before current time
- D. to ensure client certificate validation does not fail due to client clock sync issues
- E. to set expiry time in client certificate to a few minutes longer than the default setting

Correct Answer: D

Clock Skew Allowance adds a small amount of time to the start and end of the client certificate's, not the server certificate's, validity period. This permits a newly issued certificate to be recognized as valid in a network where not all devices are

perfectly synchronized.

References:

<http://www.arubanetworks.com/techdocs/ClearPass/6.6/Guest/Content/Onboard/EditingCASettings.htm>

QUESTION 6

Refer to the exhibit.

Summary	Policy	Mapping rules
Policy:		
Policy Name:	WLAN role mapping	
Description:		
Default Role:	[Guest]	
Mapping Rules:		
Rules Evaluation Algorithm:	Evaluate all	
Conditions	Role Name	
1. (Authorization:remotelab AD:Department EQUALS Product Management) OR (Authorization:remotelab AD:UserDN EQUALS Executive)	Executive	
2. (Authorization: [Endpoints Repository]:OS Family EQUALS_IGNORE_CASE Windows)	Vendor	
3. (Authorization: [Endpoints Repository]:Category CONTAINS SmartDevice) AND (Authorization: [Endpoints Repository]:OS Family EQUALS_IGNORE_CASE Apple)	iOS Device	
4. (Authorization:remotelab AD:Department EQUALS HR) OR (Connection:NAD-IP-Address BELONGS_TO_GROUP HQ) OR (Date:Day-of-Week NOT_BELONGS_TO Saturday, Sunday)	HR Local	
5. (Host:OSType CONTAINS Fedora) OR (Host:OSType CONTAINS Redhat) OR (Host:OSType CONTAINS Ubuntu)	Linux User	
6. Connection:NAD-IP-Address BELONGS_TO_GROUP Remote NAD)	Remote Employee	

An AD user's department attribute is configured as "HR". The user connects on Monday using an Android phone to an Aruba Controller that belongs to the Device Group Remote NAD. Which roles are assigned to the user in ClearPass? (Select two.)

- A. Executive
- B. iOS Device
- C. Vendor
- D. Remote Employee
- E. HR Local

Correct Answer: DE

QUESTION 7

When a third party Mobile Device Management server is integrated with ClearPass, where is the endpoint information from the MDM server stored in ClearPass?

- A. Endpoints repository
- B. Onboard Device repository
- C. MDM repository
- D. Guest User repository
- E. Local User repository

Correct Answer: A

A service running in CPPM periodically polls MDM servers using their exposed APIs. Device attributes obtained from MDM are added as endpoint tags. Profiler related attributes are send to profiler which uses these attributes to derive final profile. References: ClearPass Profiling TechNote (2014), page 23 <https://community.arubanetworks.com/aruba/attachments/aruba/ForoenEspanol/653/1/ClearPass%20Profiling%20TechNote.pdf>

QUESTION 8

A customer would like to deploy ClearPass with these requirements:

1.
2000 devices need to be Onboarded
2.
2000 corporate devices need to run posture checks daily
3.
500 guest users need to authenticate each day using the web login feature

What is the license mix that customer will need to purchase?

- A. CP-HW-5k, 2500 ClearPass Enterprise
- B. CP-HW-25k, 4500 ClearPass Enterprise
- C. CP-HW-500, 2500 ClearPass Enterprise
- D. CP-HW-25k, 4000 ClearPass Enterprise
- E. CP-HW-5k, 4500 ClearPass Enterprise

Correct Answer: B

QUESTION 9

An organization implements dual SSID Onboarding. The administrator used the Onboard service template to create services for dual SSID Onboarding. Which statement accurately describes the outcome?

- A. The Onboard Provisioning service is triggered when the user connects to the provisioning SSID to Onboard their

device.

- B. The Onboard Authorization service is triggered when the user connects to the secure SSID.
- C. The Onboard Authorization service is triggered during the Onboarding process.
- D. The device connects to the secure SSID for provisioning.
- E. The Onboard Authorization service is never triggered.

Correct Answer: C

QUESTION 10

Refer to the exhibit.

Summary	Policy	Mapping Rules
Policy:		
Policy Name:	WLAN role mapping	
Description:		
Default Role:	[Guest]	
Mapping Rules:		
Rules Evaluation Algorithm:	First applicable	
Conditions	Role Name	
1. (Authorization:remotelab AD:Department EQUALS Product Management) OR (Authorization:remotelab AD:UserDN EQUALS Executive)	Executive	
2. (Authorization:[Endpoints Repository]:OS Family EQUALS IGNORE_CASE Windows)	Vendor	
3. (Authorization:[Endpoints Repository]:Category CONTAINS SmartDevice) AND (Authorization:[Endpoints Repository]:OS Family EQUALS IGNORE_CASE Apple)	iOS Device	
4. (Authorization:remotelab AD:UserDN EXISTS)	[Employee]	
5. (Authorization:remotelab AD:Department EQUALS HR) OR (Connection:NAD-IP-Address BELONGS_TO_GROUP HQ) OR (Date:Day-of-week NOT_BELONGS_TO Saturday, Sunday)	HR Local	
6. (Host:OSType CONTAINS Fedora) OR (Host:OSType CONTAINS Redhat) OR (Host:OSType CONTAINS Ubuntu)	Linux User	

An AD user's department attribute value is configured as "Product Management". The user connects on Monday to a NAD that belongs to the Device Group HQ. Which role is assigned to the user in ClearPass?

- A. HR Local
- B. [Guest]
- C. [Employee]

D. Linux User

E. Executive

Correct Answer: E

The conditions of the Executive Role is met.

QUESTION 11

Refer to the exhibit.

The screenshot shows the configuration for an enforcement policy named "Onboard Provisioning - Aruba". The policy is of type RADIUS and has a default profile of "Deny Access Profile". It contains three rules with the following conditions and actions:

Conditions	Actions
1. (Authentication:OuterMethod EQUALS EAP-TLS)	[Allow Access Profile], Onboard Post-Provisioning - Aruba
2. (Authentication:Source EQUALS [Onboard Devices Repository])	[Allow Access Profile], Onboard Post-Provisioning - Aruba
3. (Authentication:Source NOT_EQUALS [Onboard Devices Repository])	[Allow Access Profile], Onboard Pre-Provisioning - Aruba

An employee connects a corporate laptop to the network and authenticates for the first time using EAP-TLS. Based on the Enforcement Policy configuration shown, which Enforcement Profile will be sent?

A. Onboard Post-Provisioning - Aruba

B. Onboard Pre-Provisioning - Aruba

C. Deny Access Profile

D. Onboard Device Repository

Correct Answer: A

QUESTION 12

In which ways can ClearPass derive client roles during policy service processing? (Select two.)

A. From the attributes configured in Active Directory

B. From the server derivation rule in the Aruba Controller server group for the client

C. From the Aruba Network Access Device


D. From the attributes configured in a Network Access Device

E. Through a role mapping policy

Correct Answer: AE

QUESTION 13

Refer to the exhibit.





ClearPass


Customer Service


ClearPass


Welcome to the visitor portal, guest1.


 Username: **guest1@abc.com**


 **Your account has expired.**


 Your IP address: **172.16.199.168**

 Last network login: **2013-03-08 03:33**

 Traffic received: **94.7 KB**
MB

 Traffic sent: **51.2 KB**
MB

 [Change your password](#)

 [Log out of self-service](#)

A user logged in to the Self-Service Portal as shown. What do the traffic received and sent statistics present?

A. These show the total amount of traffic the guest transmitted, as seen through RADIUS CoA packets from the NAD to ClearPass.

B. These show the total amount of traffic the NAD transmitted to ClearPass, as seen through RADIUS accounting messages from the NAD to ClearPass.

C. These show the total amount of traffic the guest transmitted after account expiration, as seen through RADIUS accounting messages sent from the NAD to ClearPass.

D. These show the total amount of traffic the guest transmitted, as seen through RADIUS CoA packets from the client to ClearPass.

E. These show the total amount of traffic the guest transmitted, as seen through RADIUS accounting messages sent from the NAD to ClearPass.

Correct Answer: E

QUESTION 14

What must be configured to enable RADIUS authentication with ClearPass on a network access device (NAD)? (Select two.)

A. the ClearPass server must have the network device added as a valid NAD

B. the ClearPass server certificate must be installed on the NAD

C. a matching shared secret must be configured on both the ClearPass server and NAD

D. an NTP server needs to be set up on the NAD

E. a bind username and bind password must be provided

Correct Answer: AC

QUESTION 15

Which licenses are included in the built-in Starter kit for ClearPass?

A. 10 ClearPass Guest licenses, 10 ClearPass Onguard licenses and 10 ClearPass Onboard licenses

B. 25 ClearPass Profiler licenses

C. 25 ClearPass Enterprise licenses

D. 10 ClearPass Enterprise licenses

E. 25 ClearPass Redundancy licenses

Correct Answer: C

All CPPM's comes bundled with 25 Enterprise application licenses so you can test the functionality of the Applications as this license can be used for any of them.

References: <http://community.arubanetworks.com/t5/Security/ClearPass-licensing-explained-August-MHC/td-p/195719>