# HP Exam HPE6-A15

## **Aruba Certified Clearpass Professional 6.5**

Verson: Demo

[Total Questions: 10]

## Question No : 1

Which statement accurately describes configuration of Data and Management ports on the ClearPass appliance? (Select two.)

- A. Static IP addresses are only allowed on the management port.
- **B.** Configuration of the data port is mandatory.
- **C.** Configuration of the management port is mandatory.
- **D.** Configuration of the data port is optional.
- E. Configuration of the management port is optional

## Answer: C,D

## Question No : 2

| Service Authe      | ntication Roles Enforcement S      | ummary                          |  |  |  |  |
|--------------------|------------------------------------|---------------------------------|--|--|--|--|
| Туре:              | 802.1X Wireless                    | \$                              |  |  |  |  |
| Name:              | Test device group                  | Test device group               |  |  |  |  |
| Description:       | 802.1X Wireless Access Service     | h                               |  |  |  |  |
| Monitor Mode:      | Enable to monitor network access   | s without enforcement           |  |  |  |  |
| More Options:      | Authorization Dosture Complia      | ance 🔄 Audit End-hosts 📄 Profil | e Endpoints  |  |  |  |
| Service Rule       |                                    |                                 |  |  |  |  |
| Matches O ANY or ( | ALL of the following conditions:   |                                 |  |  |  |  |
| Туре               | 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-Use<br>(2), Authenticate-Only (8) |  |  |  |
|                    | NAD-IP-Address BELONGS_TO_GROUP HQ |                                 |  |  |  |  |

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

A. when the IP address of the NAD is part of the device group HQ

B. when the NAD belongs to an Airwave device group HQ

C. when the ClearPass IP address is part of the device group HQ

 ${\bf D}.$  when the Aruba access point that the client is associated to is part of the device group HQ

E. when an end user IP address is part of the device group HQ

## Answer: C

## **Question No:3**

Configuration » Enforcement » Policies » Edit - Onboard Provisioning - Aruba Enforcement Policies - Onboard Provisioning - Aruba

| Summary Enforcemen                             | t Rules   |   |  |  |
|--|---|---|--|--|
| Enforcement:                                   |   |   |  |  |
| Name:  | Onboard Provisioning - Aruba  |   |  |  |
| Description:                                   | Enforcement policy controlling network access for device provisioning |   |  |  |
| Enforcement Type:                              | RADIUS  |   |  |  |
| Default Profile:                               | [Deny Access Profile]   |   |  |  |
| Rules:   |   |   |  |  |
| Rules Evaluation Algorithm:                    | First applicable  |   |  |  |
| Conditions                                     |   | Actions   |  |  |
| 1. (Authentication:OuterMethod EQUALS EAP-TLS) |   | [Allow Access Profile], Onboard Post-Provisioning - Aruba |  |  |
| 2. (Authentication:Source E                    | QUALS [Onboard Devices Repository])                                   | [Allow Access Profile], Onboard Post-Provisioning - Aruba |  |  |
| 3. (Authentication:Source N                    | OT_EQUALS [Onboard Devices Repository])                               | [Allow Access Profile], Onboard Pre-Provisioning - Aruba  |  |  |

Based on the Enforcement Policy configuration shown, which Enforcement Profile will an employee receive when connecting an iOS device to for the first time using EAP-PEAP?

- A. Deny Access Profile
- **B.** Onboard Device Repository
- C. Cannot be determined
- D. Onboard Post-Provisioning Aruba
- E. Onboard Pre-Provisioning Aruba

#### Answer: E

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## **Question No:4**

A Search was performed using Insight and the following is displayed:

| Search            |                              |  |              |                               |                |                  |  |
|-------------------|------------------------------|--|--------------|-------------------------------|----------------|------------------|--|
| Search Type       | Search All Records O         | Search All Records      Search Reports      Search Alerts  |              |                               |                |                  |  |
| Select Template   | RADIUS Failed Authentication | RADIUS Failed Authentications  Create Report Create Report |              |                               |                |                  |  |
|                   | AND OR                       |  |              |                               |                |                  |  |
|                   | Туре                         | Name   | Operator     |                               | Value          | +/-              |  |
| Rules             | Auth 👻                       | Protocol   | EQUALS       | •                             | RADIUS         | ]                |  |
|                   | Auth 👻                       | Error Code   | NOT_EQUALS   |                               | 0              |                  |  |
| Select date range | From : 2013-05-20 18:38:52   | то: 2013-05-29 18:38:51                                    |              |                               |                | Search           |  |
| how 10 🔻 entries  |                              |  |              |                               |                |                  |  |
| Auth.Username     | Auth.Host MAC Address        | Auth.Network Device  | Auth.Service | CppmErrorCode.Erro            | r Code Details | CppmAlert.Alerts |  |
|                   |                              |  |              |                               |                |                  |  |
| 0024d665b61a      | 0024d665b61a                 | 10.8.10.100  |              | Failed to classify request to | service        |                  |  |
| 0024d665b61a      | 0024d665b61a                 | 10.8.10.100  |              | Failed to classify request to | service        |                  |  |

What could be a possible reason for the ErrorCode 'Failed to classify request to service' shown above?

A. The user failed authentication.

**B.** ClearPass couldn't match the authentication request to a service, but the user passed authentication.

- C. ClearPass service rules were not configured correctly.
- D. ClearPass service authentication sources were not configured correctly.
- **E.** The NAD device didn't send the authentication request.

## Answer: C

## Question No: 5

| Search Type       | Search All Record    | Search All Records Search Reports Search Alerts |             |                  |                                 |                  |
|-------------------|----------------------|---|-------------|------------------|---------------------------------|------------------|
| Select Template   | RADIUS Failed Author | entications 💌                                   |             |                  |                                 | Create Report    |
|                   | AND OR               |   |             |                  |                                 |                  |
|                   | Туре                 | Name  | Ор          | erator           | Value                           | +/-              |
| Rules             | Auth                 | <ul> <li>Protocol</li> </ul>                    | • E         | QUALS -          | RADIUS                          |                  |
|                   | Auth                 | Error Code                                      | • N         | OT_EQUALS        | • 0                             | = +              |
| Select date range | From : 2013-05-20 18 | 38:52 To : 2013-05-29 18:38:5                   | 51          |                  |                                 | Search           |
| ihow 10 🔻 entries |                      |   |             |                  |                                 |                  |
| Auth.Username     | Auth.Host MAC Add    | dress Auth.Network                              | Device Auth | .Service Cp<br>≎ | ppmErrorCode.Error Code Details | CppmAlert.Alerts |
|                   |                      |   |             |                  |                                 |                  |
|                   |                      |   |             |                  |                                 |                  |
| 0024d665b61a      | 0024d665b61a         | 10.8.10.100                                     |             | Failed to        | classify request to service     |                  |

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

## Answer: C

## **Question No:6**

Which types of files are stored in the Local Shared Folders database in ClearPass? (Select two )

#### **B.** Software image

- C. Log files
- **D.** Generated Reports
- E. Device fingerprint dictionaries

Answer: A,C

## Question No: 7

| Summary       | Service    | Authentication  | Roles | Enforcement |  |
|---------------|------------|---|-------|-------------|--|
| Authenticatio | n Methods: | [EAP PEAP]<br>[EAP TLS]<br>[EAP MSCHAPv2]                     |       |             | Move Up<br>Move Down<br>Remove<br>View Details<br>Modify |
| Authenticatio | n Sources: | Select to Add<br>[Local User Reposito<br>remotelab AD [Active |       | DB]         | Move Up<br>Move Down<br>Remove                           |

Based on the Authentication sources configuration shown, which statement accurately describes the outcome if the user is not found?

**A.** If the user is not found in the remotelab AD, but is present in the local user repository, a reject message is sent back to the NAD.

**B.** if the user is not found in the local user repository but is present in the remotelab AD, a reject message is sent back to the NAD.

**C.** If the user is not found in the local user repository a reject message is sent back to the NAD.

**D.** if the user is not found in the local user repository and remotelab AD, a reject message is sent back to the NAD

**E.** If the user is not found in the local user repository a timeout message is sent back to the NAD.

**Answer: D** 

**Question No:8** 

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| View Endpoint        |                       |  |                                      |  |  |
|----------------------|-----------------------|--|--------------------------------------|--|--|
| MAC Address          | 98b8e362fddf          | IP Address   | 192.168.1.252                        |  |  |
| Description          |                       | Static IP  | FALSE                                |  |  |
| Status               | Unknown               | Hostname   |                                      |  |  |
| Added by             | Policy Manager        | MAC Vendor   | Apple                                |  |  |
|                      |                       | Category   | SmartDevice                          |  |  |
|                      |                       | OS Family  | Apple                                |  |  |
|                      |                       | Device Name  | Apple iPad                           |  |  |
|                      |                       | Updated At   | Apr 10, 2013 19:47:28 UT             |  |  |
|                      |                       | Show Fingerprint   | 2                                    |  |  |
| Endpoint Fingerprint | Details               |  |                                      |  |  |
| Host User Agent      |                       | DS 6_0_2 like Mac OS X) Ap<br>bile/10A8500 Safari/8536.2 | ppleWebKit/536.26 (KHTML, like<br>25 |  |  |
| DHCP Option 55       | ["1,3,6,15,119,252"]  |  |                                      |  |  |
| DHCP Options         | ["53,55,57,61,50,51,1 | 50,51,12"]   |                                      |  |  |

Based on the Endpoint information shown, which collectors were used to profile the device as Apple iPad? (Select two.)

- A. OnGuard Agent
- B. HTTP User-Agent
- **C.** DHCP fingerprinting
- D. SNMP
- E. SmartDevice

Answer: B,C

## **Question No:9**

Which of following is true for both the persistent and dissolvable versions of OnGuard? (Choose 2)

- A. Ability to bounce the endpoint
- B. Auto-remediation is available
- C. Gather statement of health information for network authorization
- D. Supports Windows, Mac OS X devices
- **E.** They need to be installed on the client devices.

## Answer: C,D

**Question No: 10** 

What is the purpose of RADIUS CoA (RFC 3576)?

- A. to force the client to re-authenticate upon roaming to a new Controller
- B. to apply firewall policies based on authentication credentials
- $\ensuremath{\textbf{C}}$  to validate a host MAC address against a whitelist or a blacklist
- $\ensuremath{\textbf{D}}\xspace$  to authenticate users or devices before granting them access to a network
- E. to transmit messages to the MAO/NAS to modify a users session status

## Answer: E

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