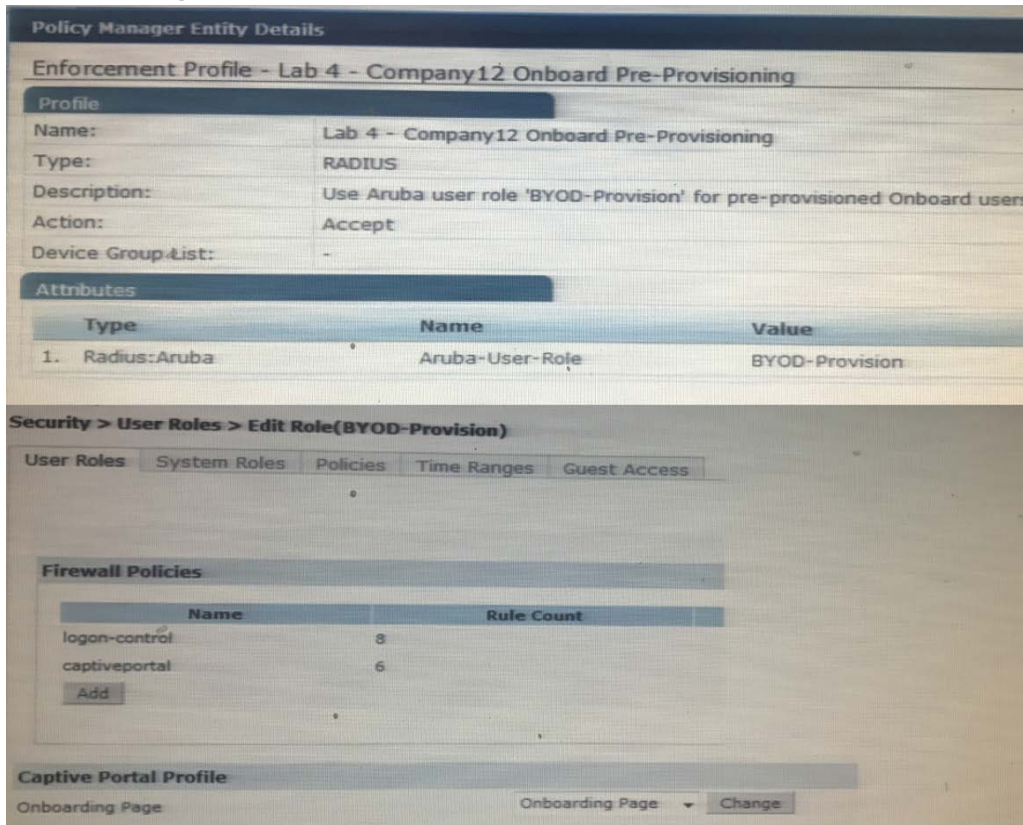


## HPE HPE6-A15 Exam

### Volume: 98 Questions

Question: 1

Based on the ClearPass and Aruba Controller configuration settings for On boarding shown, which statement accurate describes an employee's new personal device connecting to the Onboarding network? (Select two.)



The screenshot displays two configuration screens from Aruba ClearPass. The top screen, 'Policy Manager Entity Details', shows an enforcement profile named 'Lab 4 - Company12 Onboard Pre-Provisioning' of type 'RADIUS'. Its description is 'Use Aruba user role 'BYOD-Provision' for pre-provisioned Onboard users' and its action is 'Accept'. The bottom screen, 'Security > User Roles > Edit Role(BYOD-Provision)', shows the 'Firewall Policies' section with a table:

Name	Rule Count
logon-control	8
captiveportal	6

Below the table is an 'Add' button. At the bottom, the 'Captive Portal Profile' is set to 'Onboarding Page' with a 'Change' button.

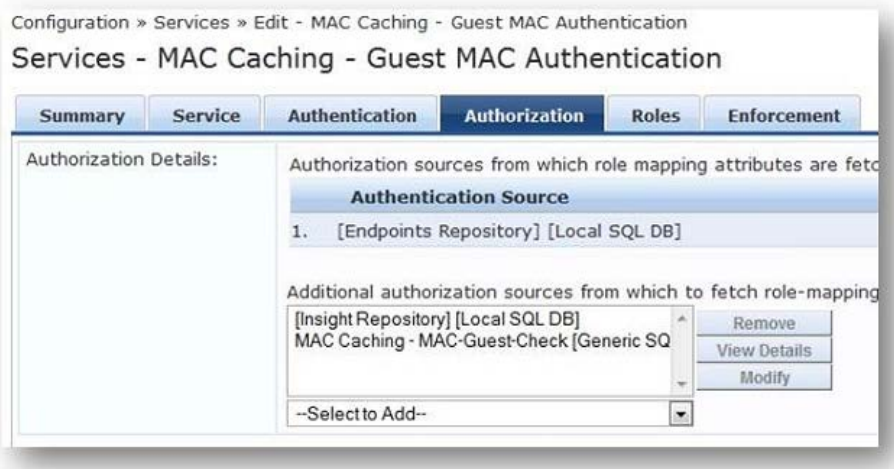
- A. Post-Onboarding, the device will be assigned the BYOD-Provision firewall role in the Aruba Controller.
- B. Pre-Onboarding, the device will be redirected to the Onboarding Page' Captive Portal.
- C. The BYOD-Provision role is a ClearPass internal role and only exists in ClearPass.
- D. The device will not be redirected to any Onboarding page.
- E. Pre-Onboarding, the device will be assigned the BYOD-Provision firewall role in the Aruba Controller.

Answer: C,E

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Question: 2

Based on the information shown, what is the purpose of using [Time Source] for authorization?



- A. It's used to check if the MAC address status is known in the endpoints table
- B. It's used to check if the guest account has expired
- C. It's used to check if the MAC address status is unknown in the endpoints table
- D. It's used to check how long it's been since the last web login authentication
- E. It's used to check if the MAC address is in the MAC Caching repository

Answer: B

Question: 3

A guest self-registered through a Publisher's Register page. Which of the following will occur?

- A. The guest's account will be stored in the Publisher's guest user repository, but not the Subscriber's.
- B. The guest's account will be stored in both the Publisher's guest user repository and the Subscriber's guest user repository.
- C. The guest's account will be stored in the Publisher's local user repository and the Subscriber's guest user repository.
- D. The guest's account will be stored in the Publisher's guest user repository and the Subscriber's Onboard user repository.
- E. The guest's account will ONLY be stored in the Publisher's guest user repository.

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Answer: B

Question: 4

Which of the following statements is true about the Clearpass hardware appliances?

- A. DHCP can be used to assign IP addresses to management and data ports.
- B. Both Management and Data Ports must be configured.
- C. Clearpass has a default management IP of 172.16.0.254.
- D. Only static IP addresses are allowed on the management and data ports.
- E. The maximum number of devices supported is 5000.

Answer: D

Question: 5

Which of the following checks are made with OnGuard posture evaluation in Clearpass? (Choose 3)

- A. Peer-to-peer application checks
- B. Client role check
- C. EAP TLS certificate validity
- D. Registry keys
- E. Operating System version

Answer: A,D,E

Question: 6

Refer to the screen capture below:

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### Posture Policies

Policy Posture Plugins Rules Summary

Select one/more plugins:

**ClearPass Windows Universal System Health Validator**

**Client OS Distribution**

Windows Vista:	false
Windows Server 2008:	false
Windows XP:	false
Windows 7:	true
Windows 8:	false

**Antivirus**

**Windows 7:**

Enable Auto Remediation:	true
Enable User Notification:	true
Enable Display Update URL:	true

List of selected antivirus applications

Product	Product Version	Engine Version	Data File Version	Data File Update	Last Scan	Rtp Status Check
1. AVG AntiVirus	is latest	no check	no check	no check	no check	no check

Based on the posture plugin configuration shown in the above screen, which of the following statements is true?

- A. Check for any antivirus software enabled for all versions of Windows OS.
- B. Check for any antivirus software enabled for Windows 7.
- C. Check for AVG antivirus software enabled and is latest for Windows 7.
- D. It is using the OnGuard dissolvable agent to perform the antivirus/antispyware checks.
- E. It is using auto remediation for Windows 7 clients.

Answer: C

Question: 7

Which settings need to be validated for a successful EAP-TLS authentication? (Select two )

- A. Username and Password
- B. Pre-shared Key
- C. WPA2-PSK
- D. server Certificate

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### E. Client Certificate

Answer: D,E

### Question: 8

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?

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

Enforcement Policies - Onboard Provisioning - Aruba

Summary	Enforcement	Rules
<b>Enforcement:</b>		
Name:	Onboard Provisioning - Aruba	
Description:	Enforcement policy controlling network access for device provisioning	
Enforcement Type:	RADIUS	
Default Profile:	[Deny Access Profile]	
<b>Rules:</b>		
Rules Evaluation Algorithm: First applicable		
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	

A. Onboard Post-Provisioning - Aruba

B. Onboard Pre-Provisioning - Aruba

C. Deny Access Profile

D. Onboard Device Repository

Answer: B

### Question: 9

Which authorization servers are supported by ClearPass? (Select two)

A. Aruba Controller

B. LDAP server

C. Cisco Controller

D. Active Directory

E. Aruba Mobility Access Switch

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Answer: C,D

Question: 10

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

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 UTC
		Show Fingerprint	<input checked="" type="checkbox"/>

Endpoint Fingerprint Details	
Host User Agent	Mozilla/5.0 (iPad; CPU OS 6_0_2 like Mac OS X) AppleWebKit/536.26 (KHTML, like Gecko) Version/6.0 Mobile/10A8500 Safari/8536.25
DHCP Option55	["1,3,6,15,119,252"]
DHCP Options	["53,55,57,61,50,51,12"]

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

Answer: B,C

Question: 11

When configuring a Web Login Page in ClearPass Guest, the information show is displayed. What is me Address field value 'securelogin.arubanetworks.com' used for?



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Home » Configuration » Web Logins

### RADIUS Web Login

Use this form to make changes to the RADIUS Web Login **Guest Network**.

RADIUS Web Login Editor	
* Name:	<input type="text" value="GuestNetwork"/> Enter a name for this web login page.
Page Name:	<input type="text" value="Aruba_login"/> Enter a page name for this web login. The web login will be accessible from "/guest/page_name.php".
Description:	<input type="text"/> Comments or descriptive text about the web login.
* Vendor Settings:	<input type="text" value="Aruba Networks"/> Select a predefined group of settings suitable for standard network configurations.
Address:	<input type="text" value="securelogin.arubanetworks.com"/> Enter the IP address or hostname of the vendor's product here.
Secure Login:	<input type="text" value="Use vendor default"/> Select a security option to apply to the web login process.
Dynamic Address:	<input type="checkbox"/> The controller will send the IP to submit credentials In multi-controller deployments, it is often required to post credentials to different add The address above will be used whenever the parameter is not available or fails the r

- A. For appending to the Web Login URL, before the page name.
- B. For ClearPass to POST the user credentials to the NAD device.
- C. For ClearPass to send a RADIUS request to the NAD device.
- D. For ClearPass to send a TACACS+ request to the NAD device.
- E. For appending to the Web Login URL, after the page name.

Answer: B

Question: 12

Which of the following options is the correct order of steps of a Policy Service request?

- 1) Clearpass tests the request against Service Rules to select a Policy Service.
- 2) Clearpass applies the Enforcement Policy.
- 3) Negotiation of the Authentication Method occurs between the NAD and Clearpass.
- 4) Clearpass sends the Enforcement Profile attributes to the NAD.
- 5) NAD forwards authentication request to Clearpass.

- A. 1, 3, 2, 4, 5

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B. 5, 1, 3, 2, 4

C. 5, 1, 3, 4, 2

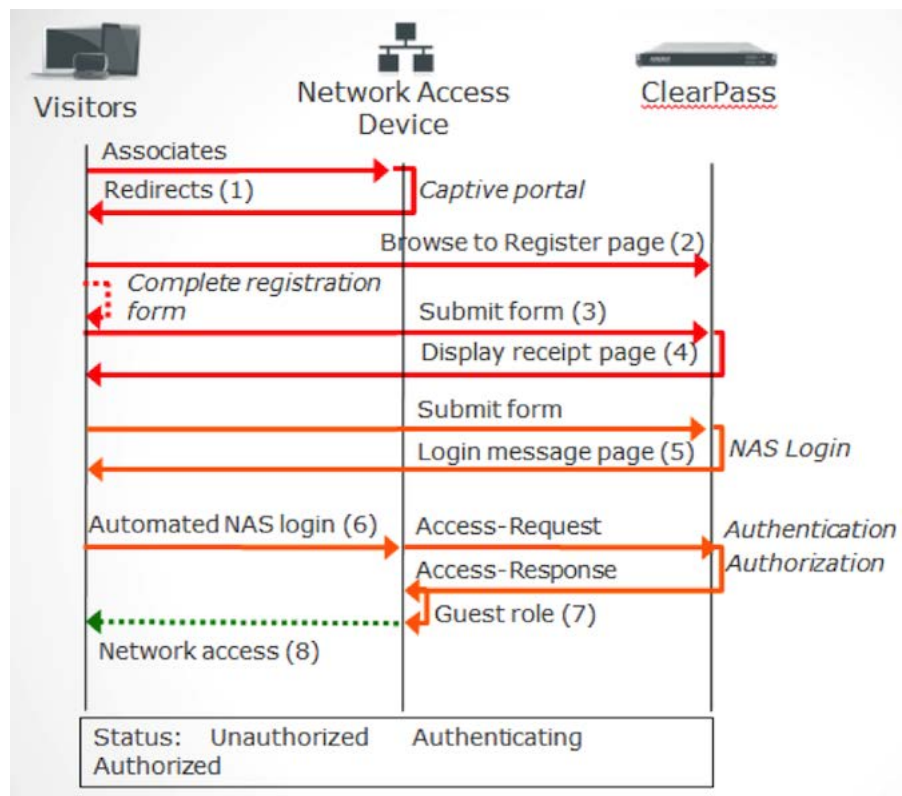
D. 1, 2, 3, 4, 5

E. 2, 3, 4, 5, 1

Answer: B

Question: 13

Based on the guest Self-Registration with Sponsor Approval workflow shown at which stage is an Request sent to email the sponsor?



A. after Guest Role (7)'

B. after 'Login Message page (5)'

C. after 'Submit form (3)'

D. after 'Automated NAS login (6)'

E. after Redirects (1)'



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Answer: C

Question: 14

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

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

### Search

Search Type	<input checked="" type="radio"/> Search All Records <input type="radio"/> Search Reports <input type="radio"/> Search Alerts															
Select Template	RADIUS Failed Authentications <span>Create Report</span>															
Rules	<input checked="" type="radio"/> AND <input type="radio"/> OR <table border="1"><thead><tr><th>Type</th><th>Name</th><th>Operator</th><th>Value</th><th>+/-</th></tr></thead><tbody><tr><td>Auth</td><td>Protocol</td><td>EQUALS</td><td>RADIUS</td><td></td></tr><tr><td>Auth</td><td>Error Code</td><td>NOT_EQUALS</td><td>0</td><td><input type="button" value="-"/> <input type="button" value="+"/></td></tr></tbody></table>	Type	Name	Operator	Value	+/-	Auth	Protocol	EQUALS	RADIUS		Auth	Error Code	NOT_EQUALS	0	<input type="button" value="-"/> <input type="button" value="+"/>
Type	Name	Operator	Value	+/-												
Auth	Protocol	EQUALS	RADIUS													
Auth	Error Code	NOT_EQUALS	0	<input type="button" value="-"/> <input type="button" value="+"/>												
Select date range	From : 2013-05-20 18:38:52 To : 2013-05-29 18:38:51 <span>Search</span>															
Show 10 entries																
Auth.Username	Auth.Host MAC Address	Auth.Network Device	Auth.Service	CppmErrorCode.Error 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												

- 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: 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

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### E. 25 ClearPass Redundancy licenses

Answer: C

Question: 16

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

**Certificate Issuing**  
These options control how certificates are issued by this certificate authority.

\* Authority Info Access: **Include OCSP Responder URL**  
Select the information about the certificate authority to include in the client certificate.  
Note that when an OCSP URL is provided, clients may need to access this URL in order to determine if the certificate is s

OCSP URL: **http://cp62-server1/guest/mdps\_ocsp.php/4**  
The OCSP URL to be included in certificates.

\* Validity Period: **365** days  
Maximum validity period for client certificates (in days).

\* Clock Skew Allowance: **15**  
Amount to pre/post date certificate validity period (in minutes).

Subject Alternative Name:  **Include device information in TLS client certificates**  
Store information about the device in the subjectAltName extension of the certificate.  
Note: Aruba OS version 6.1 or later is required to enable this feature.

**Retention Policy**  
These options control how long to retain certificates after revocation or expiry.

Minimum Period: **12** weeks  
The minimum delay required before an expired certificate (or a rejected request) can be deleted.  
Leave blank to allow certificates and requests to be deleted at any time, including before expiration.

Maximum Period: **52** weeks  
The period after which an expired certificate (or a rejected request) will be automatically deleted.  
Leave blank to disable automatic deletion.

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 empty time in client certificate to a few minutes longer than the default setting

Answer: D,E

Question: 17

An Enforcement Profile has been created in the Policy Manager as shown.

Which action with ClearPass take based on this Enforcement Profile?

Configuration » Enforcement » Profiles » Add Enforcement Profile

#### Enforcement Profiles

Profile	Attributes	Summary
Type	Name	Value
1. Radius:IETF	Session-Timeout (27)	= 600
2. Click to add...		