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Exam : **ACCP-v6.2**

Title : Aruba Certified Clearpass
Professional v6.2

Version : DEMO

1.Which of the following is a benefit of ClearPass OnGuard?

- A. Allows employees and other non-IT staff to create temporary accounts for Wi-Fi access.
- B. Offers an easy way for users to self-configure their devices to support 802.1X authentication on wired and wireless networks.
- C. Enables organizations to run advanced endpoint posture assessments.
- D. Offers full self-service provisioning for personal employee owned devices.
- E. Allows a receptionist in a hotel to create accounts for guest users.

Answer: C

2.A customer would like to deploy ClearPass with the following objectives: they have 2000 devices that need to be onboarded, 2000 corporate devices running posture checks daily, and 500 different guest users each day authenticating using the web login feature.

Which of the following best describes the license mix that they need to purchase?

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

Answer: D

3.A customer would like to deploy ClearPass with the following objectives: they have 3000 corporate laptops doing EAP-TLS authentication daily, 1000 personal smartphone devices that need to be onboarded. The corporate laptops are required to pass a posture check before getting access to the network.

Which of the following best describes the license mix that they need to purchase?

- A. CP-HW-5k, 1000 Clearpass Enterprise
- B. CP-HW-5k, 1000 Onboard, 3000 Onguard
- C. CP-HW-25k,1000 Clearpass Enterprise
- D. CP-HW-25k, 1000 Onboard, 3000 Onguard
- E. CP-HW-25k, 3000 Onguard

Answer: B

4.A customer would like to deploy ClearPass with the following objectives: Every day, 100 employees authenticate with their corporate laptops using EAP-TLS. Every Friday, there is a meeting with business partners and an additional 50 devices authenticate using Web Login Guest Authentication.

Which of the following is correct? (Choose 2)

- A. When counting policy manager licenses, they need to include the additional 50 business partner devices
- B. When counting policy manager licenses, they can exclude the additional 50 business partner devices
- C. They should purchase guest licenses
- D. They should purchase onboard licenses
- E. They should purchase onguard licenses

Answer: A,C

5.Which licenses are included in the built in Starter kit for Clearpass?

- A. 25 ClearPass Policy Manager licenses
- B. 25 Clearpass Enterprise licenses
- C. 10 ClearPass Guest licenses, 10 ClearPass OnGuard licenses and 10 ClearPass Onboard licenses
- D. 25 ClearPass Profiler licenses
- E. 10 Clearpass Enterprise licenses

Answer: B

6.What is the function of ClearPass Onboard?

- A. Provide guest access for visitors to connect to the network
- B. Process authentication requests based on policy services
- C. Profile devices connecting to the network
- D. Provision personal devices to securely connect to the network
- E. To allow a windows machine to use machine authentication to access the network

Answer: D

7.What is the Onboard license usage based on?

- A. Each user connected to the provisioning SSID uses 1 Onboard license.
- B. Each user authenticated using the Onboard credential uses 1 Onboard license.
- C. Each user provisioned using the Onboard process uses 1 Onboard license.
- D. Each user that has the OnGuard agent downloaded uses 1 Onboard license.
- E. Each user that downloads the Onboard application to their iOS device uses 1 Onboard license.

Answer: C

8.An employee provisions their personal smart phone using the Onboard process. In addition, they have a corporate laptop given to them by IT that connects to the secure network. How many licenses does the user consume?

- A. 1 Policy Manager license, 1 Onboard License.
- B. 1 Policy Manager license, 1 Guest License.
- C. 2 Policy Manager licenses, 1 Onboard License.
- D. 2 Policy Manager licenses, 2 Onboard Licenses.
- E. 1 Policy Manager license, 2 Guest licenses.

Answer: C

9.An employee authenticates using their corporate laptop and runs the dissolvable onguard agent to send a health check back the Policy Manager. Based on the health of the device a VLAN is assigned to the corporate laptop.

Which licenses are consumed in this scenario?

- A. 1 Policy Manager license, 1 Onboard License.
- B. 1 Policy Manager license, 1 OnGuard License.
- C. 2 Policy Manager licenses, 1 OnGuard License.
- D. 1 Policy Manager license, 1 Profile License.
- E. 2 Policy Manager licenses, 2 OnGuard licenses.

Answer: B

10.A customer would like to deploy ClearPass with the following objectives: they have between 2000 to 3000 corporate users that need to authenticate daily using EAP-TLS. They want to allow for up to 1000 employee devices to be onboarded. They would also like to allow up to 100 different guest users each day to authenticate using the web login feature.

Which of the following best describes the license mix that they need to purchase?

- A. CP-HW-5k, 100 Onboard, 100 Guest.
- B. CP-HW-500, 1000 Onboard, 100 Guest.
- C. CP-HW-2k,1000 Onboard, 100 Guest.
- D. CP-HW-5k, 2500 Enterprise.
- E. CP-HW-5k, 1000 Enterprise.

Answer: D

11.Which of the following statements is true about the Endpoint Profiler? (Choose 2)

- A. The Endpoint Profiler requires the Onboard license to be enabled.
- B. The Endpoint Profiler uses DHCP fingerprinting for device categorization.
- C. Data obtained from the Endpoint Profiler can be used in Enforcement Policy.
- D. The Endpoint Profiler can only categorize laptops and desktops.
- E. Endpoint Profiler requires a profiling license.

Answer: B,C

12.Which of the following methods can be used as collectors for device profiling? (Choose 2)

- A. OnGuard agent
- B. Active Directory Attributes
- C. ActiveSync Plugin
- D. Username and Password
- E. Client's role on the controller

Answer: A,C

13.Refer to the screen capture below: Based upon Endpoint information shown here, which collectors were used to profile the device as Apple iPad? (Choose 2)

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

14.To setup an Aruba Controller as DHCP relay for device fingerprinting, which of the following IP addresses needs to be configured?

- A. DHCP server IP
- B. ClearPass server IP
- C. Active Directory IP
- D. Microsoft NPS server IP
- E. Switch IP

Answer: B

15.What database in the Policy Manager contains the device attributes derived by profiling?

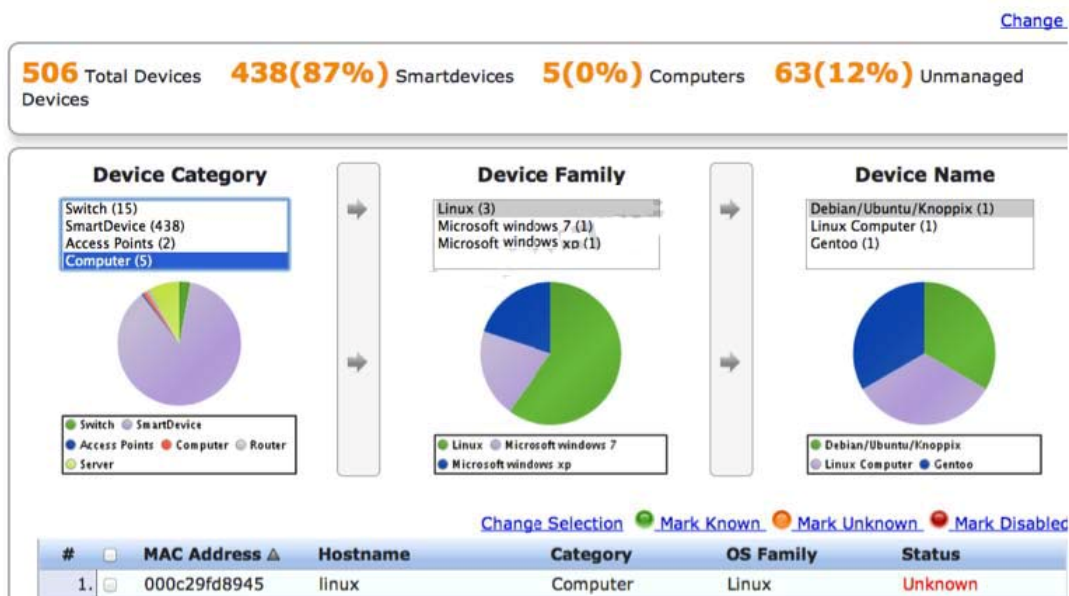
- A. Local Users Repository
- B. Onboard Devices Repository
- C. Endpoints Repository
- D. Guest User Repository
- E. Client Repository

Answer: C

16

Refer to the screen capture below:

Endpoint Profiler



Based on the Endpoint Profiler output shown here, which of the following statements is true?

- A. The devices have been profiled using DHCP fingerprinting.

- B. There are 5 devices profiled in the Computer Device Category.
- C. Apple devices will be profiled in the SmartDevice category.
- D. There is only 1 Microsoft Windows device present in the network.
- E. The linux device with MAC address 000c29fd8945 has not been profiled.

Answer: B

17. Which of the following conditions can be used for rule creation of an Enforcement Policy? (Choose 3)

- A. System Time
- B. Clearpass IP address
- C. Posture
- D. Switch VLAN
- E. Connection Protocol

Answer: A,C,E

18. Refer to the screen capture below:

Enforcement Policies - Enterprise Enforcement Policy

Summary	Enforcement	Rules
Enforcement:		
Name:	Enterprise Enforcement Policy	
Description:	Enforcement policies for local and remote employees	
Enforcement Type:	RADIUS	
Default Profile:	[Deny Access Profile]	
Rules:		
Rules Evaluation Algorithm:	Evaluate all	
Conditions	Actions	
1. (Tips:Posture EQUALS HEALTHY (0)) AND (Tips:Role MATCHES_ANY Remote Worker Role Engineer testqa) AND (Date:Day-of-Week NOT_BELONGS_TO Saturday, Sunday)	[RADIUS] EMPLOYEE_VLAN, [RADIUS] Remote Employee ACL	
2. (Tips:Role EQUALS Senior_Mgmt) AND (Date:Day-of-Week NOT_BELONGS_TO Saturday, Sunday)	[RADIUS] EMPLOYEE_VLAN	
3. (Tips:Role EQUALS San Jose HR Local) AND (Tips:Posture EQUALS HEALTHY (0))	HR VLAN	
4. (Tips:Role EQUALS [Guest]) AND (Connection:SSID CONTAINS guest)	[RADIUS] WIRELESS_GUEST_NETWORK	
5. (Tips:Role EQUALS Remote Worker) AND (Tips:Posture NOT_EQUALS HEALTHY (0))	RestrictedACL	

Based on the Enforcement Policy configuration, if a user with Role Engineer connects to the network and the posture token assigned is Unknown, what Enforcement Profile will be applied?

- A. EMPLOYEE_VLAN
- B. Remote Employee ACL
- C. RestrictedACL
- D. Deny Access Profile
- E. HR VLAN

Answer: D

19. Refer to the screen capture below:

Enforcement Policies - Enterprise Enforcement Policy

Summary	Enforcement	Rules
Enforcement:		
Name:	Enterprise Enforcement Policy	
Description:	Enforcement policies for local and remote employees	
Enforcement Type:	RADIUS	
Default Profile:	[Deny Access Profile]	
Rules:		
Rules Evaluation Algorithm:	Evaluate all	
Conditions	Actions	
1. (Tips:Posture EQUALS HEALTHY (0)) AND (Tips:Role MATCHES_ANY Remote Worker Role Engineer testqa) AND (Date:Day-of-Week NOT_BELONGS_TO Saturday, Sunday)	[RADIUS] EMPLOYEE_VLAN, [RADIUS] Remote Employee ACL	
2. (Tips:Role EQUALS Senior_Mgmt) AND (Date:Day-of-Week NOT_BELONGS_TO Saturday, Sunday)	[RADIUS] EMPLOYEE_VLAN	
3. (Tips:Role EQUALS San Jose HR Local) AND (Tips:Posture EQUALS HEALTHY (0))	HR VLAN	
4. (Tips:Role EQUALS [Guest]) AND (Connection:SSID CONTAINS guest)	[RADIUS] WIRELESS_GUEST_NETWORK	
5. (Tips:Role EQUALS Remote Worker) AND (Tips:Posture NOT_EQUALS HEALTHY (0))	RestrictedACL	

Based on the Enforcement Policy configuration, if a user with Role Remote Worker connects to the network and the posture token assigned is quarantine, what Enforcement Profile will be applied?

- A. EMPLOYEE_VLAN
- B. Remote Employee ACL
- C. RestrictedACL
- D. Deny Access Profile
- E. HR VLAN

Answer: C

20.Refer to the screen capture below:

Summary	Enforcement	Rules
Enforcement:		
Name:	Handheld_Wireless_Access_Policy	
Description:	Enforcement policy for handheld wireless access	
Enforcement Type:	RADIUS	
Default Profile:	WIRELESS_CAPTIVE_NETWORK	
Rules:		
Rules Evaluation Algorithm:	First applicable.	
Conditions	Actions	
1. (Tips:Role MATCHES_ANY [guest])	WIRELESS_GUEST_NETWORK	
2. (Endpoint:OS Version CONTAINS Android) (Tips:Role MATCHES_ANY conferencelaptop developer	WIRELESS_HANDHELD_NETWORK	
3. senior_mgmt testqa Role_Engineer)	WIRELESS_EMPLOYEE_NETWORK	

Based on the Enforcement Policy configuration, if a user connects to the network using an Apple iphone, what Enforcement Profile is applied?

- A. WIRELESS_CAPTIVE_NETWORK
- B. WIRELESS_HANDHELD_NETWORK
- C. WIRELESS_GUEST_NETWORK
- D. WIRELESS_EMPLOYEE_NETWORK
- E. Deny Access

Answer: A