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QUESTION 1

Which ClearPass fingerprint collectors are valid for active profiling of endpoints? (Choose two.)

- A. HTTP user agents
- B. IF-MAP
- C. DHCP fingerprinting
- D. NMAP
- E. SNMP

Correct Answer: AE

QUESTION 2

What are benefits of using Network Device Groups in ClearPass? (Choose two.)

- A. Network Access Devices (NADs) only require Aruba factory installed certificates to join a Network Device Group.
- B. Allows Service selection rules to match based upon which Network Device Group the Network Access Device (NAD) belongs to.
- C. A Network Access Device is must be discovered by ClearPass prior to be added to a Network Device Group.
- D. Another way to add a customizable "attribute" field to reference when processing authentication requests.
- E. Can apply to both Network Access Devices (NADs) as well as client machines as a way to filter authentication requests.

Correct Answer: AD

QUESTION 3

Refer to the exhibit.



Enforcement Policies - Corp SSID Access

Summary	Enforcement	Rules
Enforcement:		
Name:	Corp SSID Access	
Description:		
Enforcement Type:	RADIUS	
Default Profile:	Allow Internet Only Access	
Rules:		
Rules Evaluation Algorithm: First applicable		
Conditions	Actions	
1. (Tips:Role EQUALS employee)	Allow Full Access	
2. (Tips:Role EQUALS [Contractor])	Corp Secure Contractor	
3. (Tips:Role EQUALS Corp BYOD)	Secure Corp BYOD Access	

Configuration > Identity > Local Users

Local Users

Filter: contains

<input type="checkbox"/>	<input type="checkbox"/> User ID ▲	Name	Role
1.	<input type="checkbox"/> john	john	[Employee]
2.	<input type="checkbox"/> mike	mike	[Employee]
3.	<input type="checkbox"/> neil	neil	[Employee]

Showing 1-3 of 3

What will be the enforcement for the user "neil"?

- A. Allow Full Access
- B. Secure Corp BYOD Access
- C. Allow Internet Only Access
- D. Corp Secure Contractor

Correct Answer: A

QUESTION 4

An organization wants to have guests connect their own personal devices to the wireless network without requiring a receptionist setting up a guest account.

Which ClearPass feature can be used to meet the organization's requirements?



- A. Policy Manager Enforcement
- B. MAC authentication with profiling
- C. ClearPass Onboard
- D. Guest with self-registration

Correct Answer: D

QUESTION 5

Refer to the exhibit.

ClearPass Policy Manager

Configuration > Authentication > Sources > Add - Remote Lab AD

Authentication Sources - Remote Lab AD

Summary	General	Primary	Attributes	Backup 1	Backup 2
Name:	Remote Lab AD				
Description:					
Type:	Active Directory				
Use for Authorization:	<input checked="" type="checkbox"/> Enable to use this Authentication Source to also fetch role mapping attributes				
Authorization Sources:	<div style="border: 1px solid #ccc; padding: 5px;">-- Select --</div> <div style="text-align: right;"><input type="button" value="Remove"/> <input type="button" value="View Details"/></div>				
Server Timeout:	10 seconds				
Cache Timeout:	36000 seconds				
Backup Servers Priority:	<div style="border: 1px solid #ccc; padding: 5px;">Backup 1 Backup 2</div> <div style="text-align: right;"><input type="button" value="Move Up"/> <input type="button" value="Move Down"/></div>				
				<input type="button" value="Add Backup"/>	<input type="button" value="Remove"/>

A client is attempting to authenticate using their Windows account with a bad password. If the Remote Lab AD server is down for maintenance, what will be the expected result?

- A. ClearPass receives a timeout attempt when trying the Remote Lab AD server first. It will then try the server Backup 1 and receive a result of Active Directory Authentication failed. No further processing will occur.
- B. ClearPass try either server Backup 1 or Backup 2 depending on which has responded the fastest in prior attempts to authenticate ClearPass will then receive a result of Active Directory Authentication failed. No further processing will occur.
- C. ClearPass receives a timeout attempt when trying the Remote Lab AD server first. It will then try the server Backup 1 and Backup 2; both will send a result authentication failed.
- D. ClearPass receive a timeout attempt when trying the Remote Lab AD server first. No further processing will occur until the Remote Lab AD server is marked as "Down" by the Administrator.



Correct Answer: A

QUESTION 6

Aruba self-registration with sponsorship is a solution best applied to which type of network?

- A. a large corporate environment with hundreds of contractors requiring wireless access to printers and internet but no other guest access is allowed
- B. a chain of auto part stores where employees are assigned mobile devices using a Mobile Device Manager (MDM) and public wireless is available for customers
- C. a hotel where hundreds of guests are checked in and out of the building daily that may want access to wireless internet
- D. a chain of coffee shops using in a public downtown area with a high amount of guest turnover needing access to public wireless

Correct Answer: A

QUESTION 7

What services are recommended to be allowed by the pre-authenticated role assigned to the Client during the Captive Portal process? (Choose three.)

- A. DHCP options 43 and 150
- B. RADIUS to ClearPass
- C. HTTPS to ClearPass
- D. HTTPS to the Internet
- E. DHCP address assignment
- F. DNS resolution

Correct Answer: CEF

QUESTION 8

Refer to the exhibit.



Configuration > Authentication > Sources > Add - AD1

Authentication Sources - AD1

Summary	General	Primary	Attributes	Backup 1	Backup 2		
Name:	<input type="text" value="AD1"/>						
Description:	<input type="text"/>						
Type:	Active Directory						
Use for Authorization:	<input checked="" type="checkbox"/> Enable to use this Authentication Source to also fetch role mapping attributes						
Authorization Sources:	<input type="text"/> -- Select -- <input type="button" value="Remove"/> <input type="button" value="View Details"/>						
Server Timeout:	<input type="text" value="10"/> seconds						
Cache Timeout:	<input type="text" value="36000"/> seconds						
Backup Servers Priority:	<input type="text" value="Backup 1"/> <input type="text" value="Backup 2"/> <input type="button" value="Move Up"/> <input type="button" value="Move Down"/> <input type="button" value="Add Backup"/> <input type="button" value="Remove"/>						
< Back to Authentication Sources		<input type="button" value="Clear Cache"/>		<input type="button" value="Copy"/>		<input type="button" value="Save"/>	

What are two consequences of the Cache Timeout being set to 36000 seconds? (Choose two.)

- A. ClearPass will cache all user and machine attributes from AD every 10 hours in anticipation of one of those users or machines attempting to authenticate.
- B. Less traffic is required between ClearPass and the AD server when re-authenticating within a 10 hour period.
- C. The Cache Timeout is designed to reduce the amount of traffic between ClearPass and the AD server by caching user credentials for a 10 hour period.
- D. A user changing departments may not see their Department attribute change in AD reflected while authenticating until the Cache Timeout period has ended.
- E. On a failed authentication attempt, ClearPass will consider any subsequent attempts within 10 hours as total failed attempts before blacklisting the client.

Correct Answer: AC

QUESTION 9

DRAG DROP

Match the security description to the term that best fits. Options are used only once.

Select and Place:



Term

- Accounting
- Authentication
- Client
- Authorization
- User

Answer Area

Description

-
-
-
-
-
-

used to match a credential that is being submitted to an account representing the client

applying access decisions based on attributes attached to the user's account

the owner of an endpoint that is providing credentials

the device which consumes networks resources

gathering the start and stop times of network access and ongoing health checks of an endpoint

Correct Answer:

Term

-
-
-
-
-

Answer Area

Description

- Authentication
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used to match a credential that is being submitted to an account representing the client

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QUESTION 10

Which items can be obtained from device profiling? (Choose three.)

- A. Device Category
- B. Device Family
- C. Device Health
- D. Device Type
- E. Device Location



Correct Answer: CDE

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