



HP

Exam Questions HPE6-A82

Aruba Certified ClearPass Associate Exam

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NEW QUESTION 1

What is the purpose of service rules in ClearPass?)

- A. selects the Posture Policy used with OnGuard
- B. selects the Enforcement Profiles used in a service
- C. selects the Service to process a request
- D. selects the Authentication Source for the client

Answer: D

NEW QUESTION 2

Which configuration options are necessary to add a Network Access Device into the ClearPass Policy Manager? (Select two.)

- A. ClearPass Admin Password
- B. https certificate
- C. NAD IP Address
- D. Shared Secret
- E. CLI Console Password

Answer: CD

NEW QUESTION 3

When should a role mapping policy be used in an 802.1x service with Active Directory as the authentication source?

- A. When you want to match Active Directory attributes directly to an enforcement policy.
- B. When you want to enable attributes as roles directly without combining multiple attributes
- C. When you want to translate and combine Active Directory attributes into ClearPass roles.
- D. When you want to match Active Directory attributes to a Aruba firewall role on a Aruba Network Access Device.

Answer: A

NEW QUESTION 4

When ClearPass is communicating with external context servers, which connection protocol is typically used?

- A. YAML
- B. SOAP and XML
- C. REST APIs over HTTPS
- D. FTP over SSH

Answer: B

NEW QUESTION 5

Which Authorization Source support device profile enforcement?

- A. Local user Repository
- B. Endpoint Repository
- C. OnGuard Repository
- D. Gust User Repository

Answer: A

NEW QUESTION 6

A user connects to an Aruba Access Point wireless SSID named 'Secure-Corporate" and performs an 802 1X authentication with ClearPass as the authentication server

Service One

Service Rule			
Matches ANY or ALL of the following conditions:			
Type	Name	Operator	Value
1. Radius: IETF	NAS-Port-Type	EQUALS	Ethernet(15)
2. Radius: IETF	Service-Type	BELONGS_TO	Login-User(1), Framed-User
3. Connection	SSID	EQUALS	(2), Authenticate-Only (B) Secure-Corporate

Service Two

Service Rule			
Matches ANY or ALL of the following conditions:			
Type	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-User
3. Connection	SSID	EQUALS	(2), Authenticate-Only (B) secure-corporate

Service Three

Service Rule			
Matches ANY or ALL of the following conditions:			
Type	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-User
3. Connection	Client-Mac-Address	NOT_EQUALS	(2), Authenticate-Only (B) %{Radius:IETF:User-Name}

Based on this service configuration, which service will be triggered?

- A. Service One
- B. Service Two
- C. Service Three
- D. No service will be triggered

Answer: C

NEW QUESTION 7

Refer to the exhibit.

Rank	Field	Type	Label	Description
10	sponsor_name	text	Sponsor's Name:	Name of the person sponsoring this account.
15	sponsor_email	text	Sponsor's Email:	Email of the person sponsoring this account.
20	visitor_name	text	Your Name:	Please enter your full name.
25	visitor_phone	phone	Phone Number:	Please enter your contact phone number.
30	visitor_company	text	Company Name:	Please enter your company name.
40	email	text	Email Address:	Please enter your email address. This will become your username to log into the network.
50	start_time	datetime	Activation Time:	Scheduled date and time at which to enable the account. If blank, the account will be enabled immediately.

What does a bold field indicate?

- A. The field is currently enabled.
- B. The field is a non-system field
- C. The field has been customized
- D. The field is required

Answer: B

NEW QUESTION 8

Which authentication method requires a client certificate?

- A. PEAP
- B. Guest self-registration
- C. EAP-TLS
- D. MAC Authentication

Answer: C

NEW QUESTION 9

Which two are required to add a Network Access Device (NAD) into ClearPass? (Select two.)

- A. ClearPass Admin login credentials
- B. SSH password
- C. Shared Secret
- D. HTTPS certificate
- E. NAD IP address

Answer: CE

NEW QUESTION 10
Refer to the diagram.

Note: This Service is created by Servi

SummaryServiceAuthenticationAuthorizationRolesEnforcement

Authorization Details:

Authorization sources from which role mapping attributes are f

Authentication Source

1. [Endpoints Repository] [Local SQL DB]

Additional authorization sources from which to fetch role-mapp

[Time Source] [Local SQL DB]

[Guest User Repository] [Local SQL DB]

Remove

View Details

Modify

--Select to Add--

When creating a new ClearPass Service, the [Time Source] has been added as an authorization source. What time source is ClearPass referencing?

- A. the ClearPass server where insight Master has been enabled
- B. the local time setting found on the authenticating client machine
- C. the NTP (Network Time Protocol) source indicated in the Cluster settings
- D. the local clock of the ClearPass server doing the authentication

Answer: B

NEW QUESTION 10
Refer to the exhibit.

Configuration » Authentication » Sources » Add - AD1

Authentication Sources - AD1

SummaryGeneralPrimaryAttributesBackup 1Backup 2

Name: AD1

Description:

Type: Active Directory

Use for Authorization: ☒ Enable to use this Authentication Source to also fetch role mapping attributes

Authorization Sources:

Remove

View Details

-- Select --

Server Timeout: 10 seconds

Cache Timeout: 36000 seconds

Backup Servers Priority:

Backup 1

Backup 2

Move Up ↑

Move Down ↓

Add Backup

Remove

Back to Authentication Sources

Clear Cache

Copy

Save

What are two consequences of the Cache Timeout being set to 36000 seconds? (Select 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 hourperiod.
- 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.

Answer: AC

NEW QUESTION 15

What is the benefit to installing a wild card certificate for captive portal authentication?

- A. Guests no longer are required to validate certificates during captive portal.
- B. Allows different certificates for each controller for increased security
- C. Wild card certificates are provide greater security than normal certificates
- D. Allows the single wild card certificate to be installed on all controllers in the environment

Answer: D

NEW QUESTION 17

Which items can be obtained from device profiling'? (Select three)

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

Answer: CDE

NEW QUESTION 20

Which option supports DHCP profiling for devices in a network?

- A. configuring ClearPass as a DHCP relay for the client
- B. DHCP profiling is enabled on ClearPass by default; configuration of the network access devices is not necessary
- C. enabling the DHCP server to profile endpoints and forward meta-data to ClearPass
- D. enabling DHCP relay on our network access devices so DHCP requests are forwarded to ClearPass

Answer: A

NEW QUESTION 21

Sponsorship has been enabled on the guest network A guest user connects and completes the self-registration form indicating a valid sponsor. The guest then clicks submit What is the current state of the guest account?

- A. The guest account is created in a disabled state with the "Log In" button grayed out
- B. The guest account is not yet created and remains in a disabled state There is not "Log in" button yet displayed
- C. The guest account is created in disabled state, the "Log In" button will appear only after the sponsor approval process is completed
- D. The guest account is created in an enabled state with the Tog in" button functional

Answer: C

NEW QUESTION 26

A customer with 985 employees would like to authenticate employees using a captive portal guest web login page Employees should use their AD credentials to login on this page
Which statement is true?

- A. The customer needs to add second guest service in the policy manager for the guest network.
- B. The customer needs to add the AD server as an authentication source in a guest service
- C. Employees must be taken to a separate web login page on the guest network
- D. The customer needs to add the AD servers RADIUS certificate to the guest network.

Answer: B

NEW QUESTION 28

A customer is setting up Guest access with ClearPass. They are considering using 802.1X for both the Employee network and the Guest network. What are two issues the customer may encounter when deploying 802.1X with the Guest network? (Select two)

- A. the lack of encryption during the authentication process
- B. ClearPass win not be able to enforce individual Access Control policies.
- C. the high level of complexity for users to join the guest network
- D. Guests will not be able to be uniquely identified.
- E. difficult to maintain in an environment with a large number of transient guest users

Answer: CE

NEW QUESTION 32

An organization has configured guest self-registration with internal sponsorship Which options can be configured to send guest users their credentials outside of the initial login web-page? (Select two)

- A. Configure a Short Message Service (SMS) Gateway under ClearPass Guest configuration.
- B. Configure the self-registration page for the guest to receive a Simple Mail Transport Protocol (SMTP) receipt
- C. Configure a Short Message Service (SMS) Gateway in ClearPass Policy Manager administration.
- D. Configure a Simple Mail Transport Protocol (SMTP) server in ClearPass Guest administration.
- E. Configure a Simple Man Transport Protocol (SMTP) server in ClearPass Policy Manager administration

Answer: BE

NEW QUESTION 33

Which fingerprint collectors can help to distinguish between an iPhone and an iPad? (Select two.)

- A. IF-MAP
- B. MAC OUI
- C. HTTP
- D. TCP header capture
- E. SNMP

Answer: AB

NEW QUESTION 36

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: Role contains employee

Go

Clear Filter

•

User ID ▲

Name

Role

1. john

john

[Employee]

2. mike

mike

[Employee]

3. neil

neil

[Employee]

Showing 1-3 of 3

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

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

Answer: B

NEW QUESTION 40

What happens when a client successfully authenticates but does not match any Enforcement Policy rules?

- A. A RADIUS Accept is returned and the default Enforcement Profile is applied.
- B. A RADIUS reject is returned for the client.
- C. A RADIUS Accept is returned, and the default rule is applied to the device.
- D. A RADIUS Accept is returned with no Enforcement Profile applied

Answer: A

NEW QUESTION 44

When is it appropriate to use the built-in Local user database in ClearPass?

- A. In small-business environments where the user accounts rarely change and new accounts are uncommon.
- B. In a hospitality deployment for guest accounts created and managed by start
- C. In a public-facing guest network environment where the guests are prompted to self-register
- D. In a large campus environment where Students and Contractors account for 35.000 entries that change weekly

Answer: D

NEW QUESTION 48

An organization with 345 employees wants to have the guest create their own accounts for access to the public WLAN. and when guests reconnect they do not want the guest to have to log in again
Which ClearPass features can be used to meet these requirements?

- A. ClearPass Onboard Portal
- B. Guest access with MAC caching
- C. Guest self-registration with sponsor approval
- D. Enforcement based on endpoint profiling

Answer: B

NEW QUESTION 52

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