

HPE6-A15^{Q&As}

Aruba Certified Clearpass Professional 6.5

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QUESTION 1

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
- E. Client Certificate

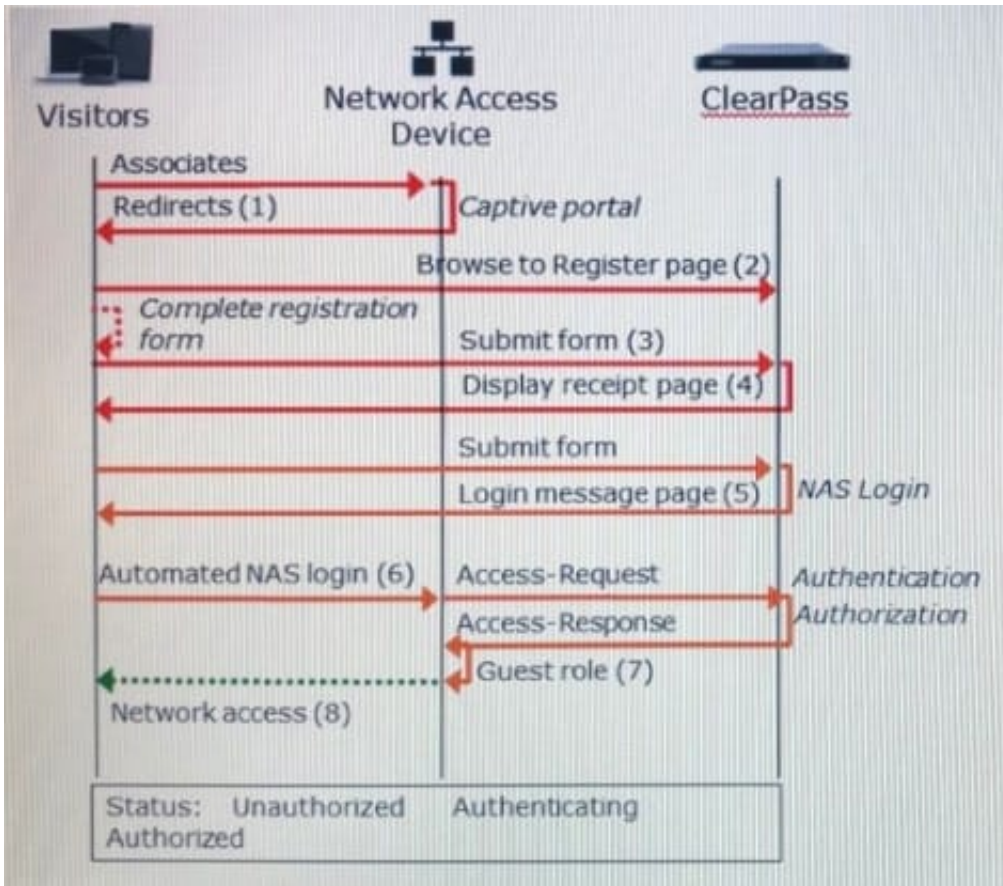
Correct Answer: DE

When you use EAP with a strong EAP type, such as TLS with smart cards or TLS with certificates, both the client and the server use certificates to verify their identities to each other. Certificates must meet specific requirements both on the server and on the client for successful authentication.

References: <https://support.microsoft.com/en-us/help/814394/certificate-requirements-when-you-use-eap-tls-or-peap-with-eap-tls>

QUESTION 2

Refer to the exhibit.



Based on the guest Self-Registration with Sponsor Approval workflow shown, at which stage does the sponsor approve the user's request?

- A. After the RADIUS Access-Request
- B. After the NAS login, but before the RADIUS Access-Request
- C. Before the user can submit the registration form
- D. After the RADIUS Access-Response
- E. After the receipt page is displayed, before the NAS login

Correct Answer: E

QUESTION 3

What does Authorization allow users to do in a Policy Service?

- A. use only attributes stored in external databases for Enforcement, but not internal databases
- B. use attributes stored in databases in role mapping and Enforcement
- C. use only attributes stored in internal databases for Enforcement, but not external databases
- D. use attributes stored in databases in role mapping, but not Enforcement

E. use attributes stored in databases in Enforcement, but not role mapping

Correct Answer: B

QUESTION 4

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

Correct Answer: BD

Authentication Sources can be one or more instances of the following examples:

*

Active Directory

*

LDAP Directory

*

SQL DB

*

Token Server

*

Policy Manager local DB

References: ClearPass Policy Manager 6.5 User Guide (October 2015), page 114 <https://community.arubanetworks.com/aruba/attachments/aruba/SoftwareUserReferenceGuides/52/1/ClearPass%20Policy%20Manager%206.5%20User%20Guide.pdf>

QUESTION 5

DRAG DROP

Use the arrows to sort the steps to request a Policy on the left into the order they are performed on the right.

Select and Place:

Steps to Request a Policy Service

- ClearPass tests the request against Service Rules to select a Policy Service
- ClearPass applies the Enforcement Policy
- ClearPass sends the Enforcement Profile attributes to the NAD
- NAD forwards authentication request to ClearPass

Order Performed

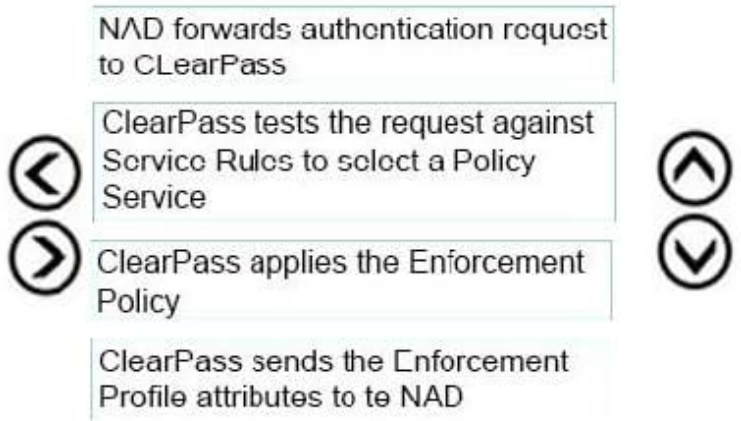


Correct Answer:

Steps to Request a Policy Service

-
-
-
-

Order Performed



QUESTION 6

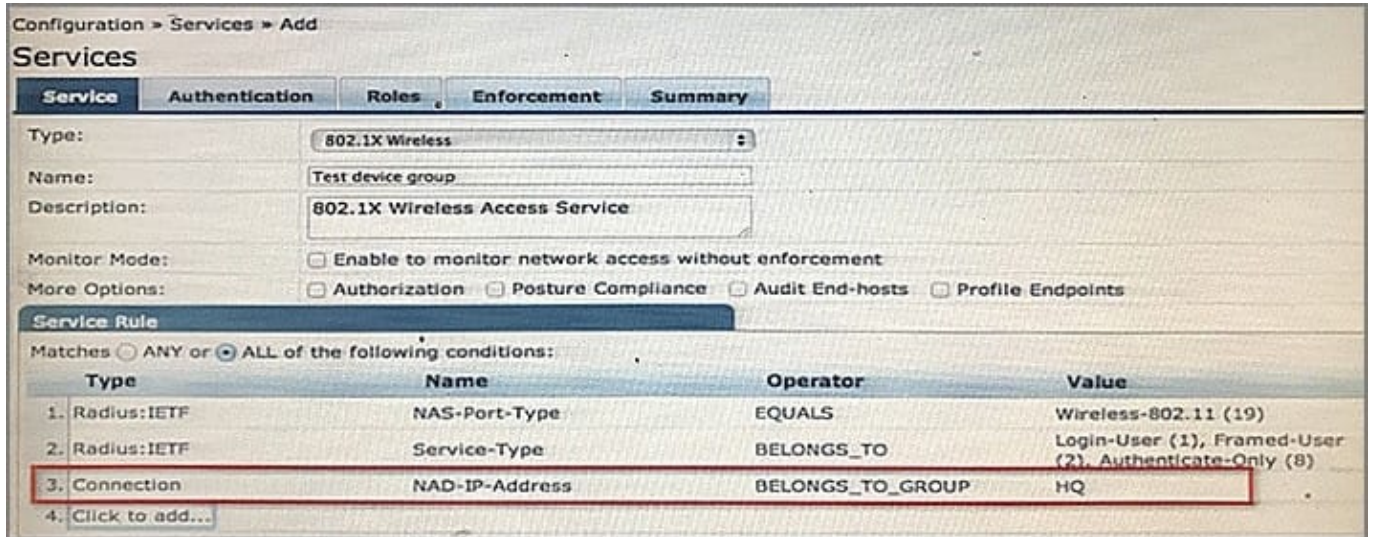
In which ways can ClearPass derive client roles during policy service processing? (Select two.)

- A. From the attributes configured in Active Directory
- B. From the server derivation rule in the Aruba Controller server group for the client
- C. From the Aruba Network Access Device
- D. From the attributes configured in a Network Access Device
- E. Through a role mapping policy

Correct Answer: AE

QUESTION 7

Refer to the exhibit.



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

- A. when the NAD belongs to an Airware device group HQ
- B. when the ClearPass IP address is part of the device group HQ
- C. when the Aruba access point that the client is associated to is part of the device group HQ
- D. when an end user IP address is part of the device group HQ
- E. when the IP address of the NAD is part of the device group HQ

Correct Answer: E

QUESTION 8

An employee provisions a personal smart phone using the Onboard process. In addition, the employee has a corporate laptop provided by IT that connects to the secure network. How many licenses does the employee consume?

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

Correct Answer: B

QUESTION 9

What is the certificate format PKCS #7, or .p7b, used for?

- A. Certificate Signing Request
- B. Binary encoded X.509 certificate
- C. Binary encoded X.509 certificate with public key
- D. Certificate with an encrypted private key
- E. Certificate chain

Correct Answer: E

The PKCS#7 or P7B format is usually stored in Base64 ASCII format and has a file extension of .p7b or .p7c. P7B certificates contain "-----BEGIN PKCS7-----" and "-----END PKCS7-----" statements. A P7B file only contains certificates and chain certificates, not the private key. Several platforms support P7B files including Microsoft Windows and Java Tomcat.

References: <https://community.arubanetworks.com/t5/Controller-Based-WLANs/Various-Certificate-Formats/ta-p/176548>

QUESTION 10

Refer to the exhibit.

Configuration > Authentication > Sources > Add - remotelab AD
Authentication Sources - remotelab AD

Summary General Primary **Attributes**

Specify filter queries used to fetch authentication and authorization attributes

Filter Name	Attribute Name	Alias Name	Enabled As
1. Authentication	dn	UserDN	-
	department	Department	Role, Attribute
	title	Title	Attribute
	company	company	-
	memberOf	memberOf	Role, Attribute
	telephoneNumber	Phone	Attribute
	mail	Email	Attribute

Based on the Attribute configuration shown, which statement accurately describes the status of attribute values?

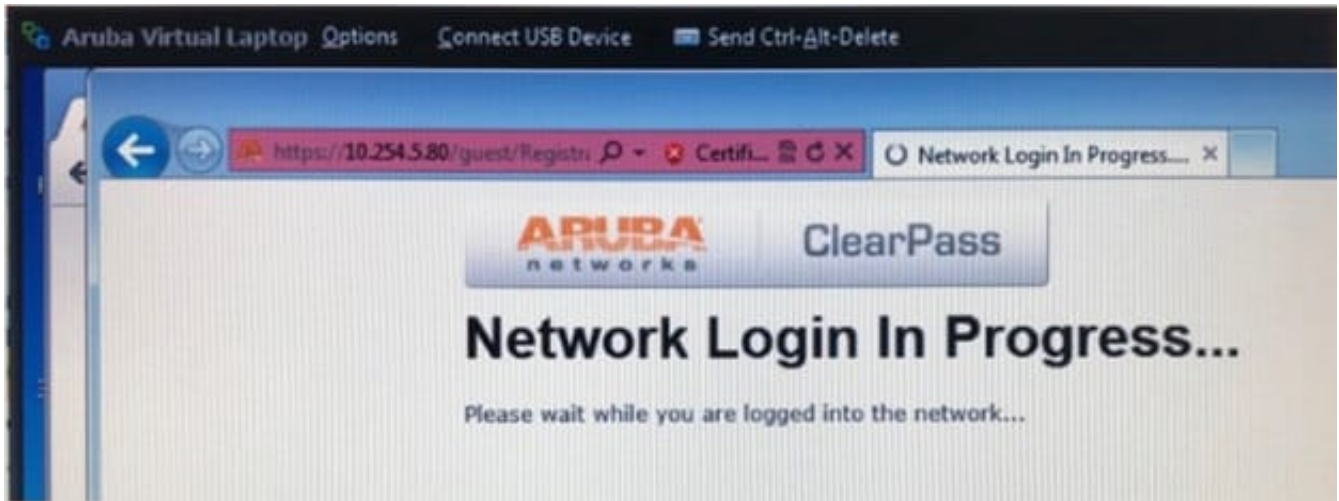
- A. Only the attribute values of department and memberOf can be used in role mapping policies.
- B. The attribute values of department, title, memberOf, telephoneNumber, and mail are directly applied as ClearPass.
- C. Only the attribute value of company can be used in role mapping policies, not the other attributes.
- D. The attribute values of department and memberOf are directly applied as ClearPass roles.

E. Only the attribute values of title, telephoneNumber, and mail can be used in role mapping policies.

Correct Answer: D

QUESTION 11

Refer to the exhibit.



Based on the information shown on a client's laptop, what will happen next?

- A. The web login page will be displayed.
- B. The client will send a NAS authentication request to ClearPass.
- C. ClearPass will send a NAS authentication request to the NAD.
- D. the NAD will send an authentication request to ClearPass.
- E. The user will be presented with a self-registration receipt.

Correct Answer: D

QUESTION 12

Refer to the exhibit.

Services - Corp User Authentication with MAC Caching

Summary Service **Authentication** Authorization Roles Enforcement

Authorization Details:

Authorization sources from which role mapping attributes are fetched:

Authentication Source

- [Guest User Repository] [Local SQL DB]

Additional authorization sources from which to fetch role-mapping attributes:

[Endpoints Repository] [Local SQL DB]
 [Time Source] [Local SQL DB]

Remove
View Details
Modify

--Select to Add--

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

- A. to check whether the MAC address status is unknown in the endpoints table
- B. to check whether the MAC address is in the MAC Caching repository
- C. to check how long it has been since the last web login authentication
- D. to check whether the MAC address status is known in the endpoint table.

Correct Answer: D

QUESTION 13

Refer to the exhibit.

Home > Guest > Manage Accounts

Manage Guest Accounts

The following table shows the guest accounts that have been created. Click an account to modify it.

Quick Help Create More Options

Filter:

Username	Role	State	Activation	Expiration
12063775	[Guest]	Expired	2015-08-27 00:19	Expired
12896298	[Guest]	Expired	2015-08-27 00:19	Expired
def@mycompany.com	[Guest]	Disabled	2015-08-26 20:57	Expired
donald@arubanetworks.com	[Guest]	Expired	2015-08-31 18:28	Expired
donald@disney.com	[Guest]	Disabled	2015-09-02 06:42	Expired
donald@duck.com	Executive Guest	Active	2015-08-26 19:19	No expiry
kevin@mycompany.com	[Guest]	Disabled	2015-06-28 00:12	Expired

An administrator logs in to the Guest module in ClearPass and 'Manage Accounts' displays as shown.

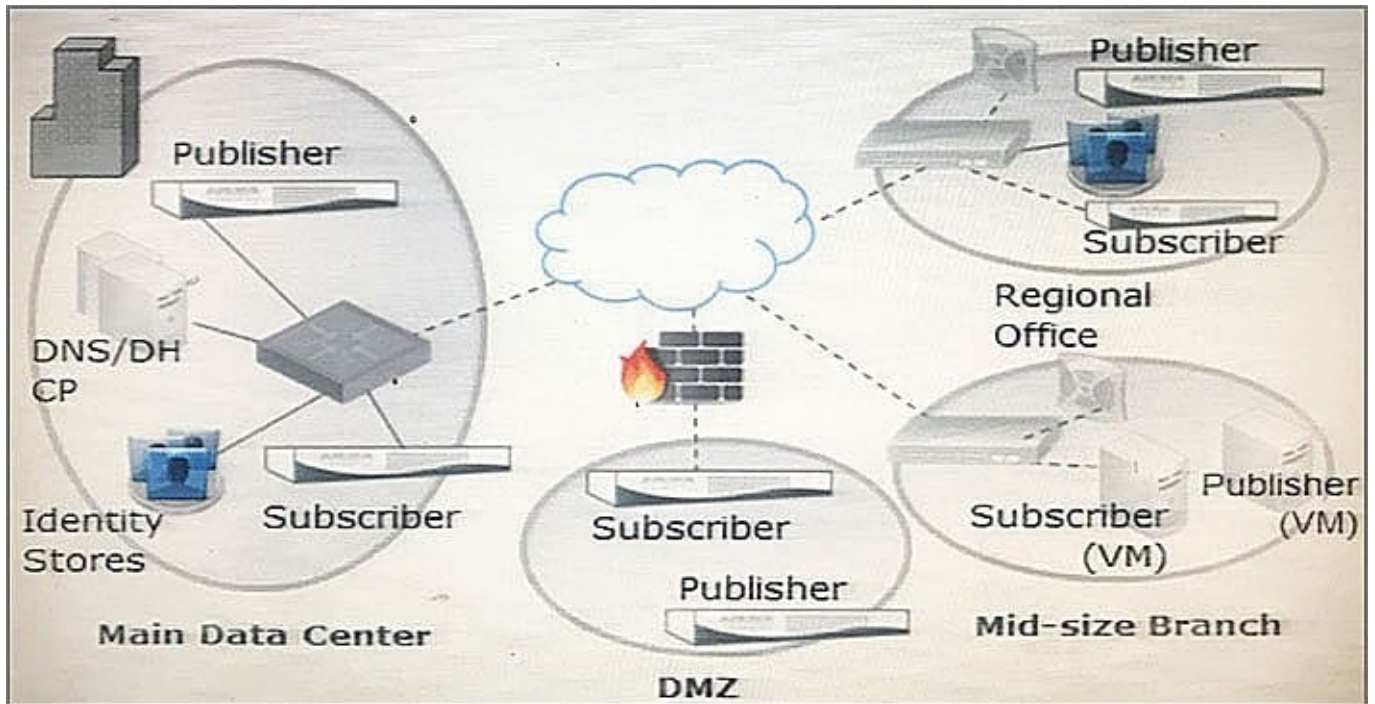
When a user with username donald@disney.com attempts to access the Web Login page, what will be the outcome?

- A. The user will be able to log in and authenticate successfully but will then be immediate disconnected.
- B. The user will be able to log in for the next 4.9. days, but then will no longer be able to log in.
- C. The user will not be able to log in and authenticate.
- D. The user will be able to log in and authenticate successfully, but will then get a quarantine role.
- E. The user will not be able to access the Web Login page.

Correct Answer: C

QUESTION 14

Refer to the exhibit.



Based on the network topology diagram shown, how many clusters are needed for this deployment?

- A. 1
- B. 2
- C. 3
- D. 4
- E. 8

Correct Answer: D

References: http://www.arubanetworks.com/techdocs/ClearPass/Aruba_DeployGd_HTML/Content/5%20Cluster%20Deployment/Design_guidelines.htm

QUESTION 15

Which CLI command is used to upgrade the image of a ClearPass server?

- A. Image update
- B. System upgrade
- C. Upgrade image
- D. Reboot
- E. Upgrade software

Correct Answer: B

When logged in as appadmin, you can manually install the Upgrade and Patch binaries imported via the CLI using the following commands:

*

system update (for patches)

*

system upgrade (for upgrades)

References: ClearPass Policy Manager 6.5 User Guide (October 2015), page 564 <https://community.arubanetworks.com/aruba/attachments/aruba/SoftwareUserReferenceGuides/52/1/ClearPass%20Policy%20Manager%206.5%20User%20Guide.pdf>

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