HPE6-A15^Q&As

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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.

Which types of records will the report shown display?

A. all RADIUS authentications from the 10.8.10.100 NAD to ClearPass

B. all failed RADIUS authentications through ClearPass

C. only Windows devices that have authenticated through the 10.8.10.100 NAD

D. all successful RADIUS authentications through ClearPass

E. all successful RADIUS authentications from the 10.8.10.100 NAD to ClearPass

Correct Answer: A

QUESTION 3

Refer to the exhibit.

Summary	Policy	Mapping Rules			

Policy:

Policy Name:	WLAN role mapping
Description:	
Default Role:	[Guest]

Mapping Rules:

Rules Evaluation Algorithm: First applicable

	Conditions	Role Name
1.	(Authorization:remotelab AD:Department EQUALS Product Management) OR (Authorization:remotelab AD:UserDN EQUALS Executive)	Executive
2.	(Authorization:[Endpoints Repository]:OS Family EQUALS_IGNORE_CASE Windows)	Vendor
3.	(Authorization:[Endpoints Repository]:Category CONTAINS SmartDevice) AND (Authorization:[Endpoints Repository]:OS Family EQUALS_IGNORE_CASE Apple)	iOS Device
4.	(Authorization:remotelab AD:UserDN EXISTS)	[Employee]
5.	(Authorization:remotelab AD:Department EQUALS HR) OR (Connection:NAD-IP-Address BELONGS_TO_GROUP HQ) OR (Date:Day-of-Week NOT_BELONGS_TO Saturday, Sunday) (Host:OSType CONTAINS Fedora)	HR Local
6.	(Host:OSType CONTAINS Fedora) OR (Host:OSType CONTAINS Redhat) OR (Host:OSType CONTAINS Ubuntu)	Linux User

An AD user\\'s department attribute value is configured as "Product Management". The user connects on Monday to a NAD that belongs to the Device Group HQ. Which role is assigned to the user in ClearPass?

A. HR Local

B. [Guest]

C. [Employee]

D. Linux User

E. Executive

Correct Answer: E

The conditions of the Executive Role is met.

QUESTION 4

Refer to the exhibit.

Summary	Policy	Mapping Rules		

Policy:

Policy Name:	WLAN role mapping
Description:	
Default Role:	[Guest]

Mapping Rules:

Rules Evaluation Algorithm: First applicable

	Conditions	Role Name
1.	(Authorization:remotelab AD:Department EQUALS Product Management) OR (Authorization:remotelab AD:UserDN EQUALS Executive)	Executive
2.	(Authorization:[Endpoints Repository]:OS Family EQUALS_IGNORE_CASE Windows)	Vendor
3.	(Authorization:[Endpoints Repository]:Category CONTAINS SmartDevice) AND (Authorization:[Endpoints Repository]:OS Family EQUALS_IGNORE_CASE Apple)	iOS Device
4.	(Authorization:remotelab AD:UserDN EXISTS)	[Employee]
5.	(Authorization:remotelab AD:Department EQUALS HR) OR (Connection:NAD-IP-Address BELONGS_TO_GROUP HQ) OR (Date:Day-of-Week NOT_BELONGS_TO Saturday, Sunday)	HR Local
6.	(Host:OSType CONTAINS Fedora) OR (Host:OSType CONTAINS Redhat) OR (Host:OSType CONTAINS Ubuntu)	Linux User

An AD user\\'s department attribute is configured as "HR". The user connects on Monday using an Android phone to an Aruba Controller that belongs to the Device Group Remote NAD.

Which roles are assigned to the user in ClearPass? (Select two.)

A. Executive

B. iOS Device

C. Vendor

D. Remote Employee

E. HR Local

Correct Answer: DE

QUESTION 5

An administrator enabled the Pre-auth check for their guest self-registration.

At what stage in the registration process in this check performed?

A. after the user clicks the login button and after the NAD sends an authentication request

B. after the user self-registers but before the user logs in

C. after the user clicks the login button but before the NAD sends an authentication request

D. when a user is re-authenticating to the network

E. before the user self-registers

Correct Answer: C

The Onboard template is designed for configuration that allows to perform checks before allowing Onboard provisioning for Bring Your Own Device (BYOD) use-cases. This service creates an Onboard Pre-Auth service to check the user\\'s credentials before starting the device provisioning process. This also creates an authorization service that checks whether a user\\'s device can be provisioned using Onboard.

QUESTION 6

Refer to the exhibit.

Based on the Enforcement Policy configuration shown, which Enforcement Profile will an employee receive when connecting an IOS device to the network or the first time using EAP-PEAP?
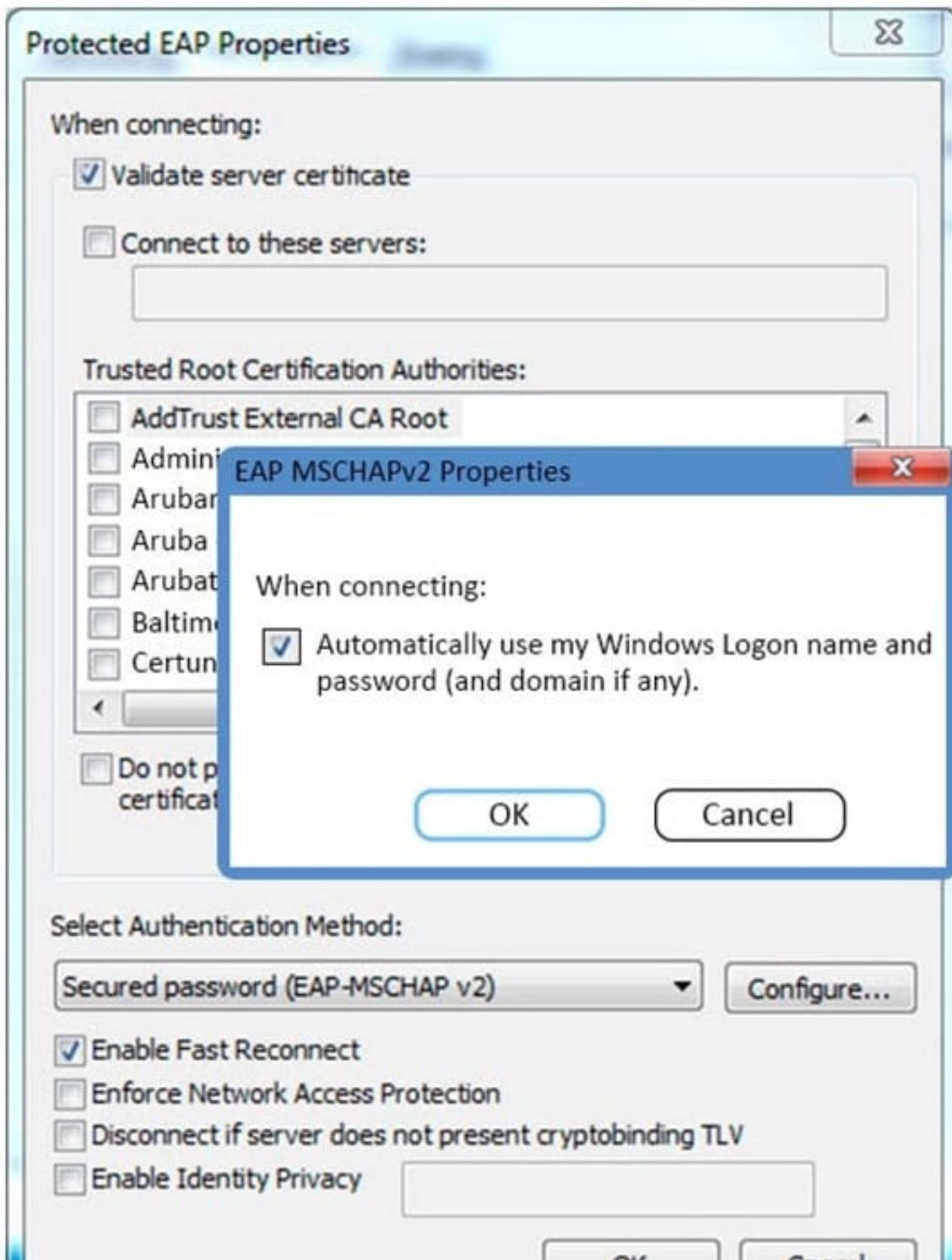
A. Deny Access Profile

B. Onboard Device Repository

C. Cannot be determined

D. Onboard Post-Provisioning ?Aruba

E. Onboard Pre-Provisioning ?Aruba

Correct Answer: E

QUESTION 7

Refer to the exhibit.

Based on the configuration of a Windows 802.1X supplicant shown, what will be the outcome when `Automatically use my Windows logon name and password\\' are selected?

Protected EAP Properties   ✕

When connecting:

☑ Validate server certificate

☐ Connect to these servers:

Trusted Root Certification Authorities:

☐ AddTrust External CA Root
☐ Admini
☐ Aruba
☐ Aruba
☐ Arubat
☐ Baltim
☐ Certun

◀

☐ Do not p
certificat

EAP MSCHAPv2 Properties   ✕

When connecting:

☑ Automatically use my Windows Logon name and
password (and domain if any).

OK   Cancel

Select Authentication Method:

Secured password (EAP-MSCHAP v2)   ▼   Configure...

☑ Enable Fast Reconnect
☐ Enforce Network Access Protection
☐ Disconnect if server does not present cryptobinding TLV
☐ Enable Identity Privacy

OK   Cancel

A. The client will use machine authentication.

B. The client\\'s Windows login username and password will be sent inside a certificate to the Active Directory server.

C. The client\\'s Windows login username and password will be sent to the Authentication server.

D. The client will need to re-authenticate every time they connect to the network.

E. The client will prompt the user to enter the logon username and password.

Correct Answer: C

QUESTION 8

Refer to the exhibit.
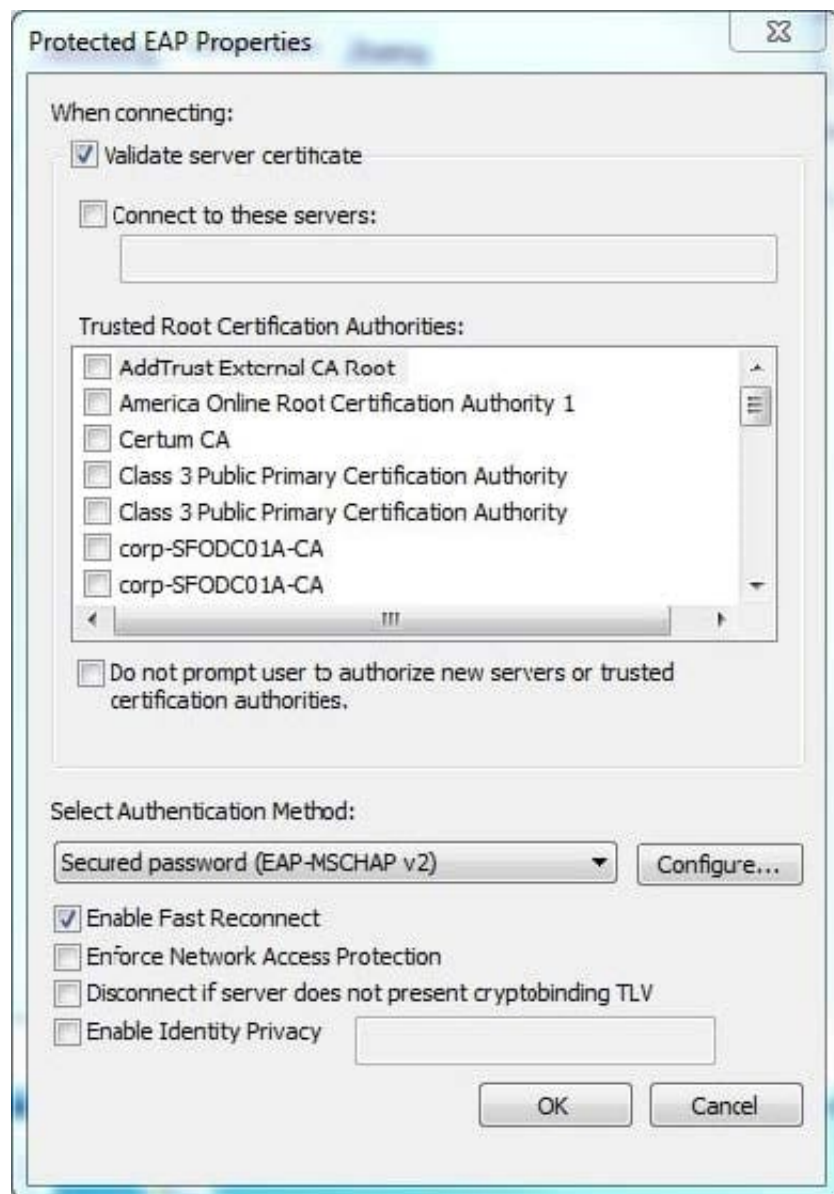
Based on the configuration of a Windows 802.1X supplicant shown, what will be the outcome of selecting `Validate server certificate\\'?

A. The server and client will perform an HTTPS SSL certificate exchange.

B. The client will verify the server certificate against a trusted CA.

C. The client will send its private key to the server for verification.

D. The server will send its private key to the client for verification.

E. The client will send its certificate to the server for verification.

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

Which device type supports Exchange ActiveSync configuration with Onboard?

A. Linux laptop

B. Mac OS X device

C. Apple iOS device

D. Windows laptop

E. Android device

Correct Answer: C

Exchange ActiveSync configurations you define can be used in configuration profiles to automatically configure an email account on an iOS device.

References:
http://www.arubanetworks.com/techdocs/ClearPass/6.6/Guest/Content/Onboard/CreateEditActiveSync.htm

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QUESTION 11

What is the purpose of Operator Profiles?

A. to enforce role based access control for Aruba Controllers

B. to enforce role based access control for ClearPass Policy Manager admin users

C. to enforce role based access control for ClearPass Guest Admin users

D. to assign ClearPass roles to guest users

E. to map AD attributes to admin privilege levels in ClearPass Guest

Correct Answer: C

An operator profile determines what actions an operator is permitted to take when using ClearPass Guest.

References: http://www.arubanetworks.com/techdocs/ClearPass/CPGuest_UG_HTML_6.5/Content/OperatorLogins/OperatorProfiles.htm

QUESTION 12

An employee authenticates using a corporate laptop and runs the persistent 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. 2 Policy Manager licenses, 1 Onguard License

C. 1 Policy Manager license, 1 Profile License

D. 2 Policy Manager licenses, 2 Onguard licenses

E. 1 Policy Manager license, 1 Onguard License

Correct Answer: E

QUESTION 13

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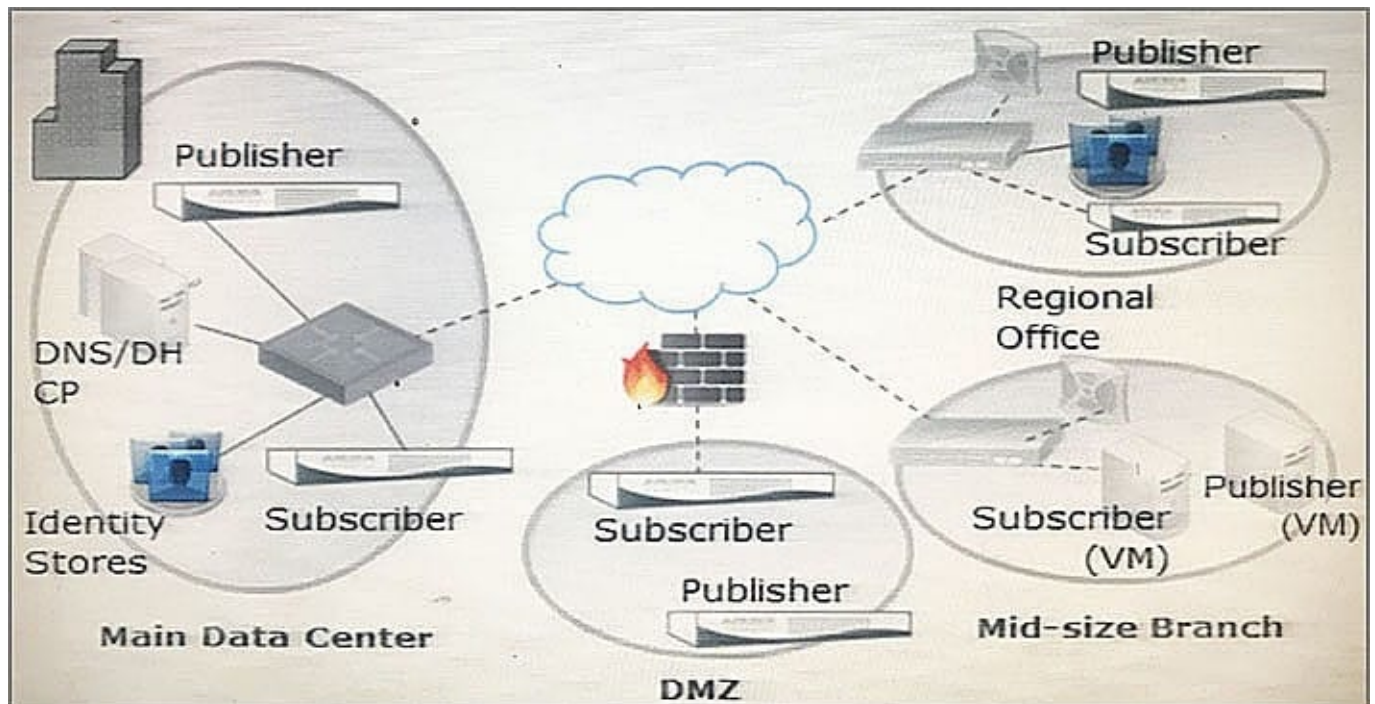
Based on the network topology diagram shown, how many clusters are needed for this deployment?

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 14

Refer to the exhibit.

What information can be drawn from the audit row detail shown? (Select two.)

A. radius01 was deleted from the list of authentication sources.

B. The policy service was moved to position number 4.

C. radius01 was moved to position number 4.

D. The policy service was moved to position number 3.

E. raduis01 was added as an authentication source.

Correct Answer: AB

QUESTION 15

Refer to the exhibit.

Based on the Guest Role Mapping Policy shown, what is the purpose of the Role Mapping Policy?

A. to display a role name on the Self-registration receipt page

B. to send a firewall role back to the controller based on the Guest User\\'s Role ID

C. to assign Controller roles to guests

D. to assign three roles of [Contractor], [Guest] and [Employee] to every guest user

E. to create additional account roles for guest administrators to assign to guest accounts

Correct Answer: C

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