HPE6-A81^{Q&As}

Aruba Certified ClearPass Expert Written Exam

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QUESTION 1
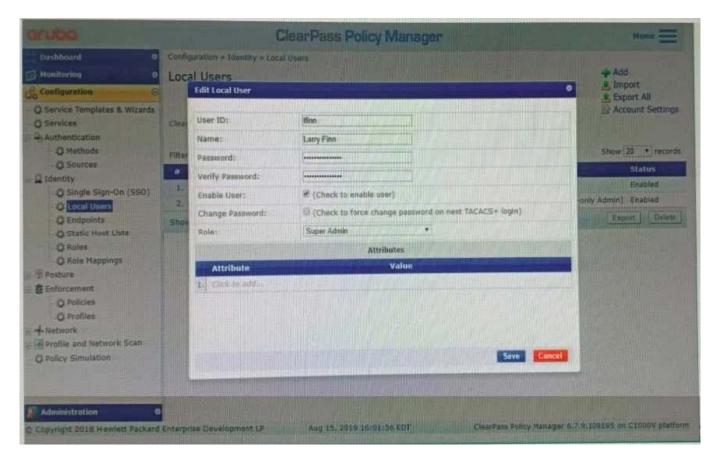
A Customer has these requirements:

*

2.000 loT endpoints that use MAC authentication

*

6,000 endpoints using a mix of username/password and certificate (Corporate/BYOD) based authentication

*

1,000 guest endpoints at peak usage that use guest self-registration

*

1500 BYOD devices estimated as 3 devices per User (500 users)

*

2,500 endpoints that have OnGuard installed and connect on a daily basis

What licenses should be installed to meet customer requirements?

A. 11,500 Access, 500 Onboard, 2,500 Onguard

B. 13.000 Access, 1.500 Onboard, 2,500 Onguard

C. 11,500 Access, 1,500 Onboard, 2.500 Onguard

D. 9,000 Access, 500 Onboard. 2.500 Onguard

Correct Answer: C

QUESTION 2

A customer has configured Onboard with Single SSID provision for Aruba IAP Windows devices work as expected but cannot get the Apple iOS devices to work. The Apple iOS devices automatically get redirected to a blank page and do not get the Onboard portal page. What would you check to fix the issue?

A. Verify if the checkbox "Enable bypassing the Apple Captive Network Assistant" is checked.

B. Verify if the Onboard URL is updated correctly in the external captive portal profile.

C. Verify if Onboard Pre-Provisioning enforcement profile sends the correct Aruba user role.

D. Verify if the external captive portal profile is enabled to use HTTPS with port 443.

Correct Answer: B

QUESTION 3

Refer to the exhibit:

The customer complains that the user shown cannot log into the ClearPass Server as an administrator using the [Policy Manager Admin Network Login Service]. What could be the reason for this?

A. The user might be used for a TACACS authentication

B. The account created does not fit this purpose.

C. The mapping on the role should be changed to [RADIUS Super Admin]

D. The local user authentication might be disabled

Correct Answer: B

QUESTION 4

A customer has completed all the required configurations in the Windows server in order for Active Directory Certificate Services (ADCS) to sign Onboard device TLS certificates. The Onboard portal and the Onboard services are also configured. Testing shows that the Client certificates ate still signed by the Onboard Certificate Authority and not ADCS. How can you help the customer with the situation?

A. Educate the customer that, when integrating with Active Directory Certificate Services (ADCS) the Onboard CA will the same authority used for signing me final TLS certificate of the device.

B. Configure the identity certificate signer as Active Directory Certificate Services and enter the ADCS URL http://ADCSVVeoEnrollmentServemostname/certsrv in the OnBoard Provisioning settings.

C. Enable access to EST servers from the Certificate Authority to make ClearPass Onboard to use of the Active Directory Certificate Services (ADCS) web enrollment to sign the device TLS certificates.

D. Enable access to SCEP servers from the Certificate Authority to make ClearPass Onboard to use of the Active Directory Certificate Services (ADCS) web enrollment to sign the device TLS certificates.

Correct Answer: C

QUESTION 5

Refer to the exhibit:

Request Details ⊙

Summary	Input	Output	Alerts

Login Status:	ACCEPT
Session Identifier:	R000001ae-01-5d9cb453
Date and Time:	Oct 08, 2019 12:07:47 EDT
End-Host Identifier:	78D29437BD69 (Computer / Windows / Windows)
Username:	alex07
Access Device IP/Port:	10.1.70.100:0 (ArubaController / Aruba)
System Posture Status:	UNKNOWN (100)

Policies Used -	
Service:	HS_Building 802.1x service
Authentication Method:	EAP-PEAP,EAP-MSCHAPv2
Authentication Source:	AD:AD1.aruba1.local
Authorization Source:	[Endpoints Repository], AD1, AD2, Corp SQL
Roles:	VIP User, [Machine Authenticated], [User Authenticated]
Enforcement Profiles:	Aruba Limited Access Profile, Redirect to Aruba Dissolvable_page Profile
Service Monitor Mode:	Disabled
Online Status:	Not Available

◄ ◄ Showing 1 of 1-20 records ► ►| | Change Status | Show Configuration | Export | Show Logs | | Close |

Configuration » Services » Edit - HS_Building 802.1x service

Services - HS_Building 802.1x service

Summary	Service	Authentication	Authorization	Roles	Enforcement	Profiler

Role Mapping Policy: | HS_Building Role Mapping Policy ▼ | Modify | Add New Role Mapping Policy

Role Mapping Policy Details	
Description:	
Default Role:	[Other]
Rules Evaluation Algorithm:	first-applicable

	Conditions	Role
1.	(Connection:Client-Mac-Address BELONGS_TO_GROUP VIP User MAC)	VIP User
2.	(Authorization:Corp SQL:MAC EXISTS)	Corp SQL Tablet
3.	(Authorization:[Endpoints Repository]:Category EQUALS VoIP Phone)	IP Phone
4.	(Authorization:[Endpoints Repository]:Category EQUALS SmartDevice)	Personal SmartDevice
5.	(Authorization:[Endpoints Repository]:Category EQUALS Point of Sale devices)	Vending Machine
6.	(Authorization:[Endpoints Repository]:Category EQUALS Printer) AND (Authorization:[Endpoints Repository]:MAC Vendor EQUALS CANON INC.)	Printer
7.	(Authorization:[Endpoints Repository]:Category EQUALS Network Camera) AND (Authorization:[Endpoints Repository]:MAC Vendor EQUALS Axis Communications AB)	IP Camera

Configuration » Services » Edit - HS_Building 802.1x service

Services - HS_Building 802.1x service

| Summary | Service | Authentication | Authorization | Roles | Enforcement | Profiler |

Use Cached Results: ☑ Use cached Roles and Posture attributes from previous sessions

Enforcement Policy: [HS_Branch Onboard Provisioning Enforcement Policy ▼] [Modify]   Add New Enforcement Policy

Enforcement Policy Details

Description:

Default Profile: [Deny Access Profile]

Rules Evaluation Algorithm: first-applicable

	Conditions	Enforcement Profiles
1.	(Authorization:[Endpoints Repository]:OS Family NOT_EXISTS)	Aruba Limited Access for Profiling
2.	(Endpoint:MDM Enabled EQUALS true)	Aruba Full Access Profile
3.	(Authentication:OuterMethod EQUALS EAP-PEAP) AND (Tips:Role EQUALS Corp SQL Tablet)	Redirect to Aruba OnBoard Portal
4.	(Authentication:OuterMethod EQUALS EAP-TLS) AND (Tips:Role EQUALS Corp SQL Tablet)	Aruba Full Access Profile
5.	(Tips:Role MATCHES_ALL [User Authenticated] [Machine Authenticated]) AND (Authentication:Source EQUALS AD1) AND (Tips:Posture EQUALS HEALTHY (0)) AND (Authorization:[Endpoints Repository]:OS Family EQUALS Windows)	Aruba Full Access Profile
6.	(Tips:Role MATCHES_ALL [User Authenticated] [Machine Authenticated]) AND (Authentication:Source EQUALS AD1) AND (Tips:Posture EQUALS UNKNOWN (100)) AND (Authorization:[Endpoints Repository]:OS Family EQUALS Windows)	Aruba Limited Access Profile, Redirect to Aruba Dissolvable_page Profile
7.	(Tips:Role MATCHES_ALL [User Authenticated] [Machine Authenticated]) AND (Authentication:Source EQUALS AD1) AND (Tips:Posture NOT_EQUALS HEALTHY (0)) AND (Authorization:[Endpoints Repository]:OS Family EQUALS Windows)	Redirect to Aruba Quarantine Profile
8.	(Tips:Role EQUALS VIP User)	Aruba VIP Full Access Profile

[Back to Services]   [Disable] [Copy] [Save] [Cancel]

The customer created a new enforcement policy condition to allow VIP Users access without additional security compliance checks hut cannot gel it working. The customer has sent you the above screenshots. How would you resolve the issue?

A. Ask the VIP user to complete the one time web health check to get the VIP profile.

B. Set the Enforcement Policy rules evaluation algorithm to evaluate all.

C. Include VIP User role along with the Healthy posture enforcement condition.

D. Modify the Enforcement Policy and re-order the VIP user condition to the lop.

Correct Answer: C