HPE6-A81 Q&As

Aruba Certified ClearPass Expert Written Exam

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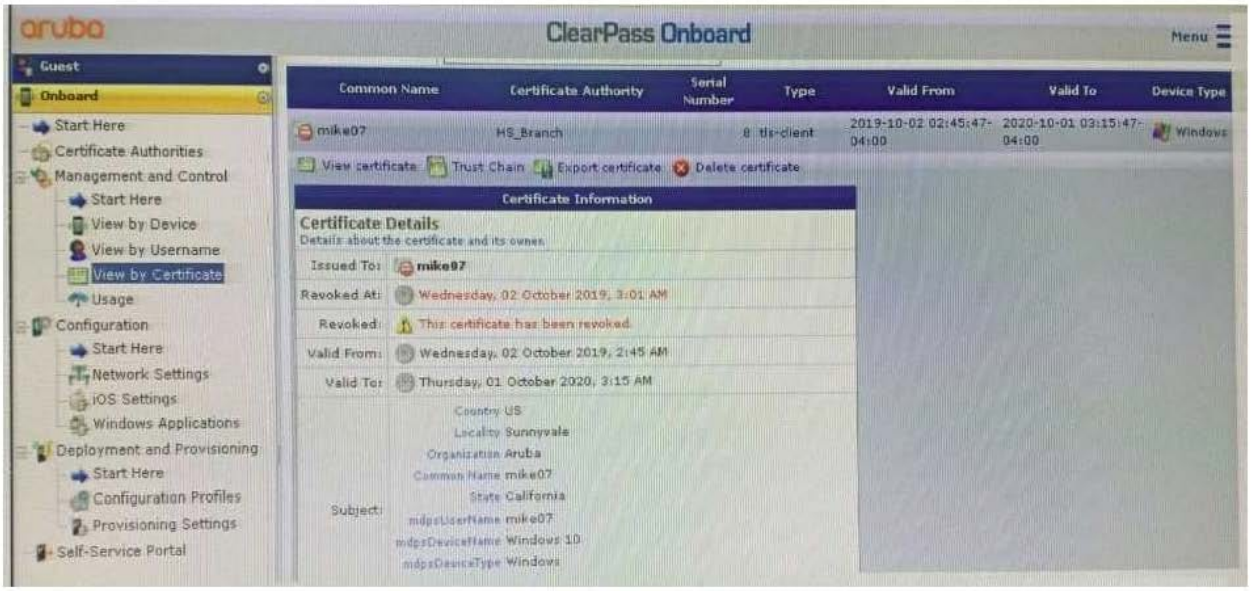
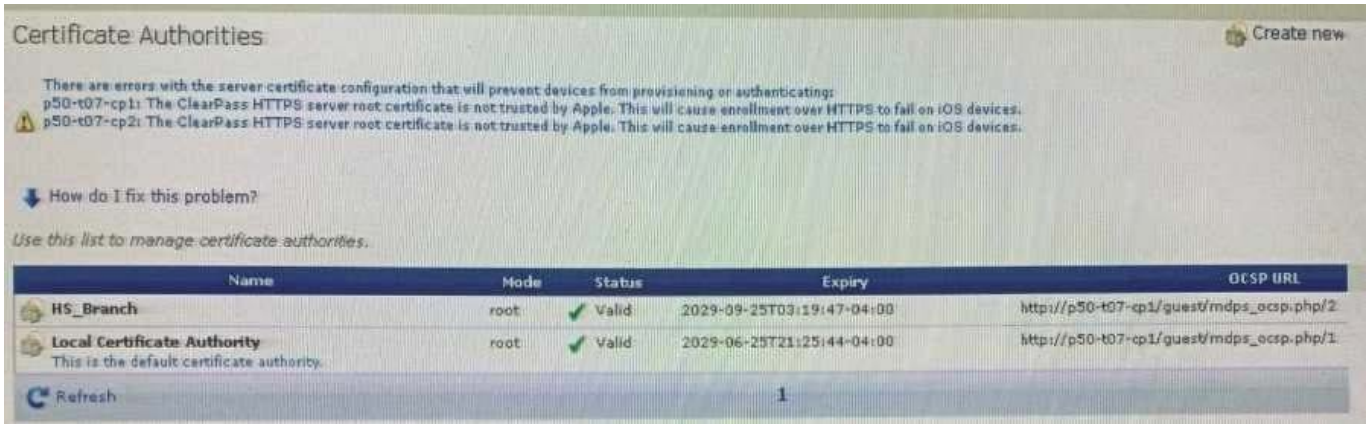
QUESTION 1

Refer to the exhibit:


Monitoring » Live Monitoring » Access Tracker
Access Tracker Oct 02, 2019 03:43:03 EDT
Auto Refresh
The Access Tracker page provides a real-time display of per-session access activity on the selected server or domain.
[All Requests]
p50-t07-cp1 (10.1.79.1)
Last 1 day before Today
Edit
Filter: Login Status contains acc
Go
Clear Filter
Show 20 records
Server Source Username Service Login Status Request Timestamp
1. 10.1.79.1 RADIUS mike07 HS_Branch Onboard Provisioning ACCEPT 2019/10/02 03:02:13
2. 10.1.79.1 RADIUS mike07 HS_Branch Onboard Provisioning ACCEPT 2019/10/02 03:02:07
3. 10.1.79.1 RADIUS mike07 HS_Branch Onboard Provisioning ACCEPT 2019/10/02 03:00:55


aruba
ClearPass Onboard
Menu
Guest
Onboard
Start Here
Certificate Authorities
Management and Control
Start Here
View by Device
View by Username
View by Certificate
Usage
Configuration
Start Here
Network Settings
iOS Settings
Windows Applications
Deployment and Provisioning
Start Here
Configuration Profiles
Provisioning Settings
Self-Service Portal
Common Name Certificate Authority Serial Number Type Valid From Valid To Device Type
mike07 HS_Branch 8 tls-client 2019-10-02 02:45:47-04:00 2020-10-01 03:15:47-04:00 Windows
View certificate Trust Chain Export certificate Delete certificate
Certificate Information
Certificate Details
Details about the certificate and its owner.
Issued To: mike07
Revoked At: Wednesday, 02 October 2019, 3:01 AM
Revoked: This certificate has been revoked.
Valid From: Wednesday, 02 October 2019, 2:45 AM
Valid To: Thursday, 01 October 2020, 3:15 AM
Subject: Country US
Locality Sunnyvale
Organization Aruba
Common Name mike07
State California
mdpsUserName mike07
mdpsDeviceName Windows 10
mdpsDeviceType Windows


Certificate Authorities

Create new

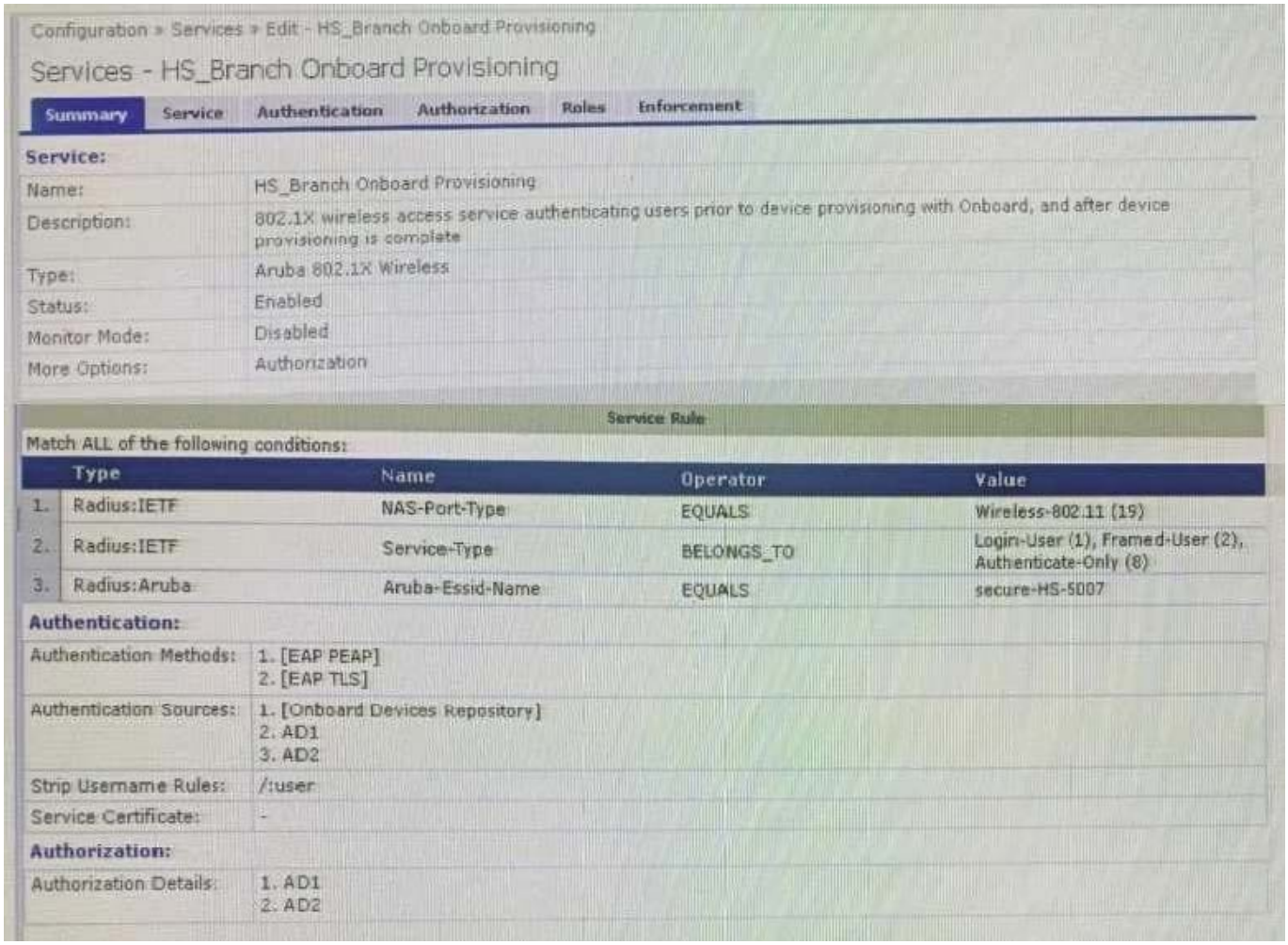
There are errors with the server certificate configuration that will prevent devices from provisioning or authenticating:
p50-t07-cp1: The ClearPass HTTPS server root certificate is not trusted by Apple. This will cause enrollment over HTTPS to fail on iOS devices.
p50-t07-cp2: The ClearPass HTTPS server root certificate is not trusted by Apple. This will cause enrollment over HTTPS to fail on iOS devices.

How do I fix this problem?

Use this list to manage certificate authorities.

Name	Mode	Status	Expiry	OCSP URL
HS_Branch	root	Valid	2029-09-25T03:19:47-04:00	http://p50-t07-cp1/guest/mdps_ocsp.php/2
Local Certificate Authority This is the default certificate authority.	root	Valid	2029-06-25T21:25:44-04:00	http://p50-t07-cp1/guest/mdps_ocsp.php/1

Refresh 1


Configuration » Services » Edit - HS_Branch Onboard Provisioning

Services - HS_Branch Onboard Provisioning

Summary | Service | Authentication | Authorization | Roles | Enforcement

Service:

Name:	HS_Branch Onboard Provisioning
Description:	802.1X wireless access service authenticating users prior to device provisioning with Onboard, and after device provisioning is complete
Type:	Aruba 802.1X Wireless
Status:	Enabled
Monitor Mode:	Disabled
More Options:	Authorization

Service Rule

Match 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 (2), Authenticate-Only (8)
3.	Radius:Aruba	Aruba-Essid-Name	EQUALS	secure-HS-5007

Authentication:

Authentication Methods:	1. [EAP PEAP] 2. [EAP TLS]
Authentication Sources:	1. [Onboard Devices Repository] 2. AD1 3. AD2
Strip Username Rules:	/:user
Service Certificate:	-

Authorization:

Authorization Details:	1. AD1 2. AD2

After the helpdesk revoked the certificate of a device reported to be lost oy an employee, the lost device

was seen as connected successfully to the secure network. Further testing has shown that device

revocation is not working.

What steps should you follow to make device revocations work?

A. Copy the default [EAP-TLS with OSCP Enabled] authentication method and set The Verify certificate using OSCP option as required then update the correct OSCP URL link of the OnBoard CA. Remove EAP-TLS and map the custom

created method to the OnBoard Authorization Service.

B. copy the default [EAP-TLS with OSCP Enabled] authentication method and set the verify certificate using OSCP: option as "required" then configure the correct OSCF URL link for the OnBoard CA. Remove EAP-TLS and map the new [EAP-TLS with OSCP Enabled] method to the 802 1X Radius Service.

C. Remove the EAP-TLS authentication method configuration changes are required and add "EAP-TLS with OCSP Enabled" authentication method in the OnBoard Provisioning service. No other configuration changes are required.

D. Edit the default [EAP-TLS with OSCP Enabled] authentication method and set the Verify certificate using OSCP option as required then update the correct OSCP URL link of the OnBoard CA Remove EAP-TLS and map the new [EAP-TLS with OSCP Enabled] method to the OnBoard Provisioning Service.

Correct Answer: C

QUESTION 2

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 3

A customer has a ClearPass cluster deployment with one Publisher and one Subscriber configured as a Standby Publisher at the Headquarters DataCenter They also have a large remote site that is connected with an Aruba SD Branch solution over a two Mbps Internet connection. The Remote Site has two ClearPass servers acting as Subscribers. The solution implemented for the customer includes OnGuard, Guest Self Registration, and Employee 802. ix authentication. The client is complaining that users connecting to an IAP Clusters Guest SSID located at the Remote Site are experiencing a significant delay in accessing the Guest Captive Portal page. What could be a possible cause of this behavior?

A. The configuration of the captive portal is pointing to a link located on one of the servers in the Headquarters

B. The ClearPass Cluster has no zones defined and the guest captive portal request is being redirected to the Publisher

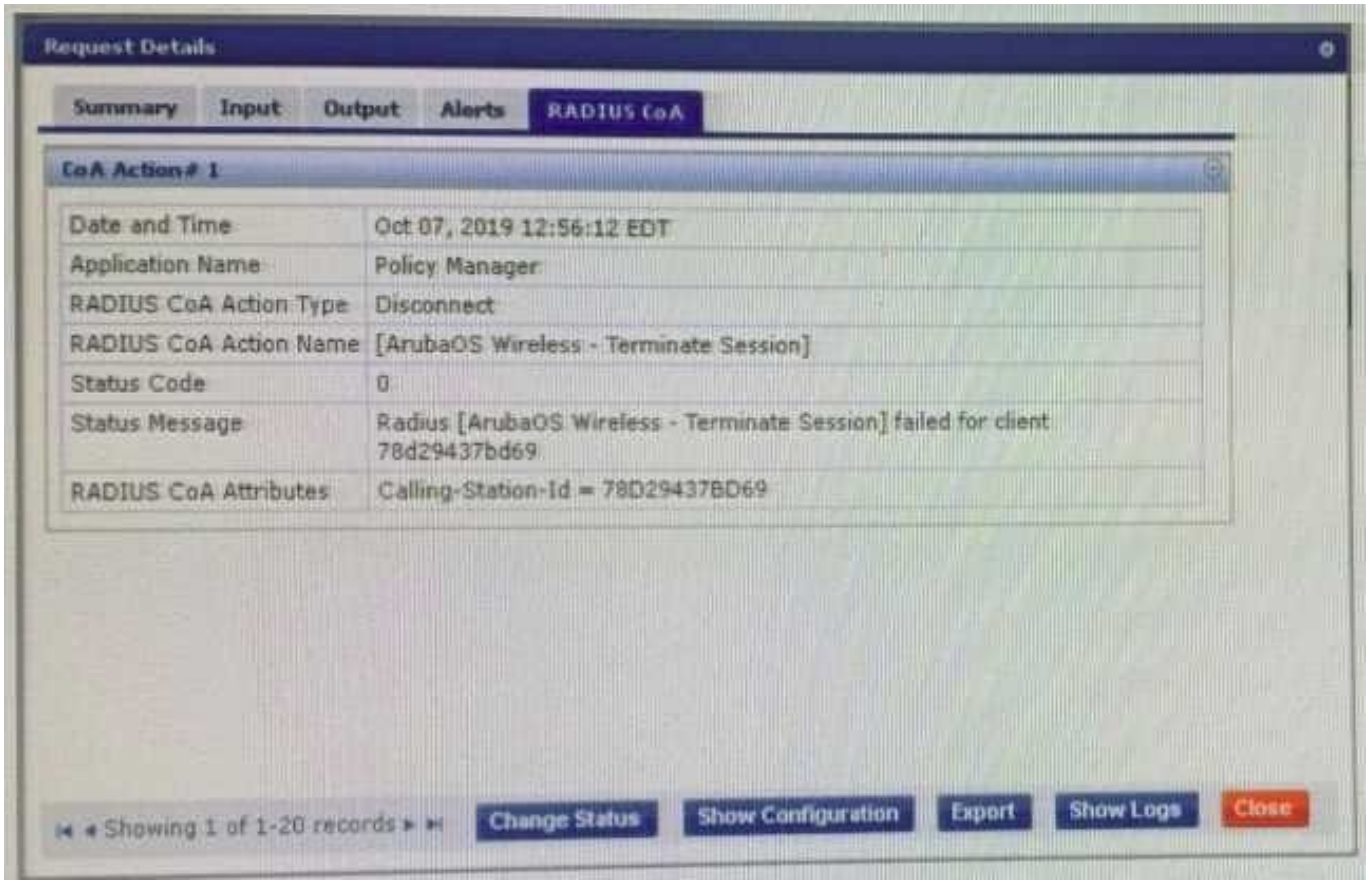
C. The guest page is not optimized to work with the client browser and a proper theme should be applied

D. The captive portal page was only created on the Publisher and requests are getting redirected to a Subscriber

Correct Answer: A

QUESTION 4

Refer to the exhibit: You configuring an 802 1x service endpoint profiling. When the client connects to the network, ClearPass successfully profiles the client and sends Radius Change of Authorization (RCoA) but Radius Change of Authorization {RCoA) fails for the client You manually clicked on the Change Status button in the access tracker to force an RCoA but that failed too. What must you check to ensure that the RCoA will work? (Select two.)



A. RFC 3576 option is enabled for Aruba Controller under Network device in ClearPass.

B. RFC 3576 server should be mapped in the server group on the Aruba Controller

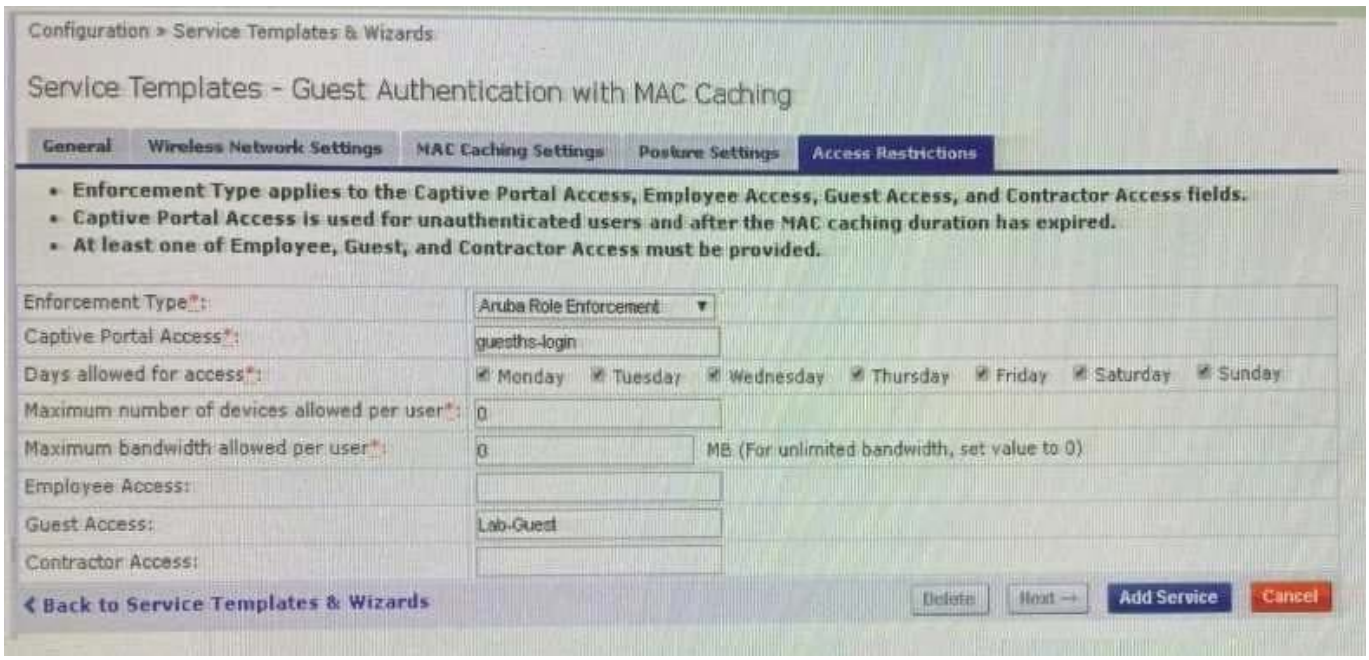
C. The RFC 3576 shared secret on ClearPass should match the Authentication Server shared secret

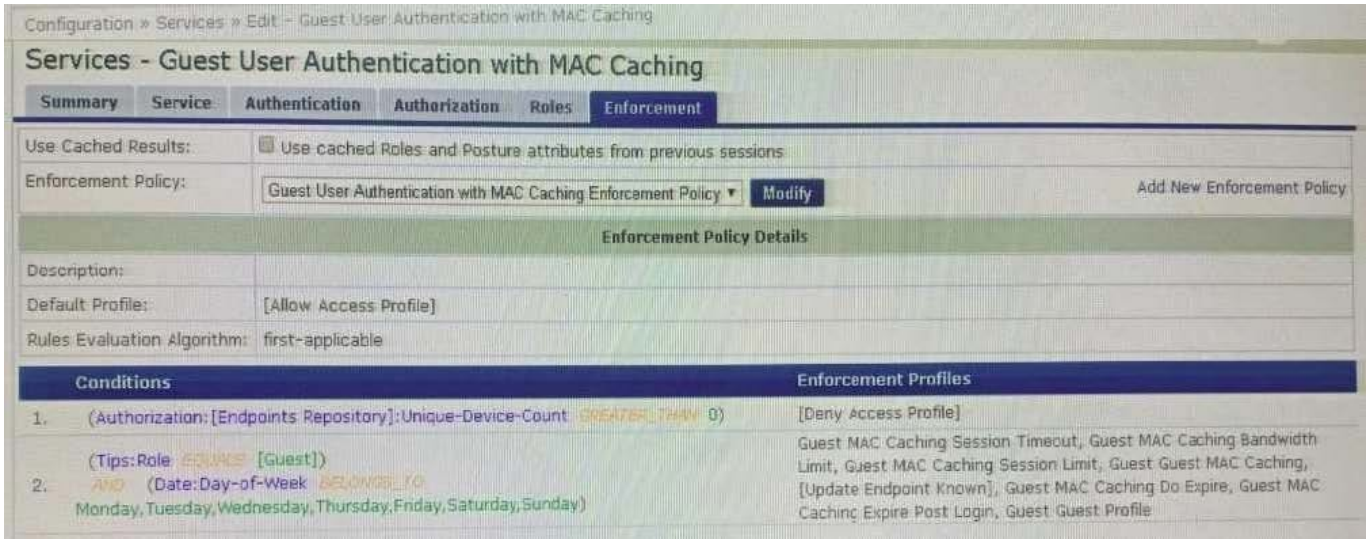
D. RFC 3576 server IPs and the Authentication server IPs should be same in the AAA profile

Correct Answer: AC

QUESTION 5

Refer to the exhibit: You are doing a ClearPass PoC at a customer site with a single Aruba Mobility Controller. The customer asked for a demonstration of a simple Web Login functionality. You used a service template to create the guest services. During testing, the user gets redirected back to the weblogin page with an Authentication failed message. The guest configurations on the Aruba Mobility Controller are configured correctly. Why would the guest fail to authenticate successfully?





A. The authentication source mapped in the service is incorrect, it should be mapped as (Guest Device Repository]

[Local SQL DB].

B. The username and/or password used for authentication is incorrect Re-enter the correct password on the weblogin page.

C. The username used for authentication does not exist in the Guest User Database Create a new user and authenticate again.

D. The Unique-Device-Count does not allow any Client devices. Update the Enforcement policy condition: Unique-Device-Count.

Correct Answer: A