HPE6-A81 Q&As

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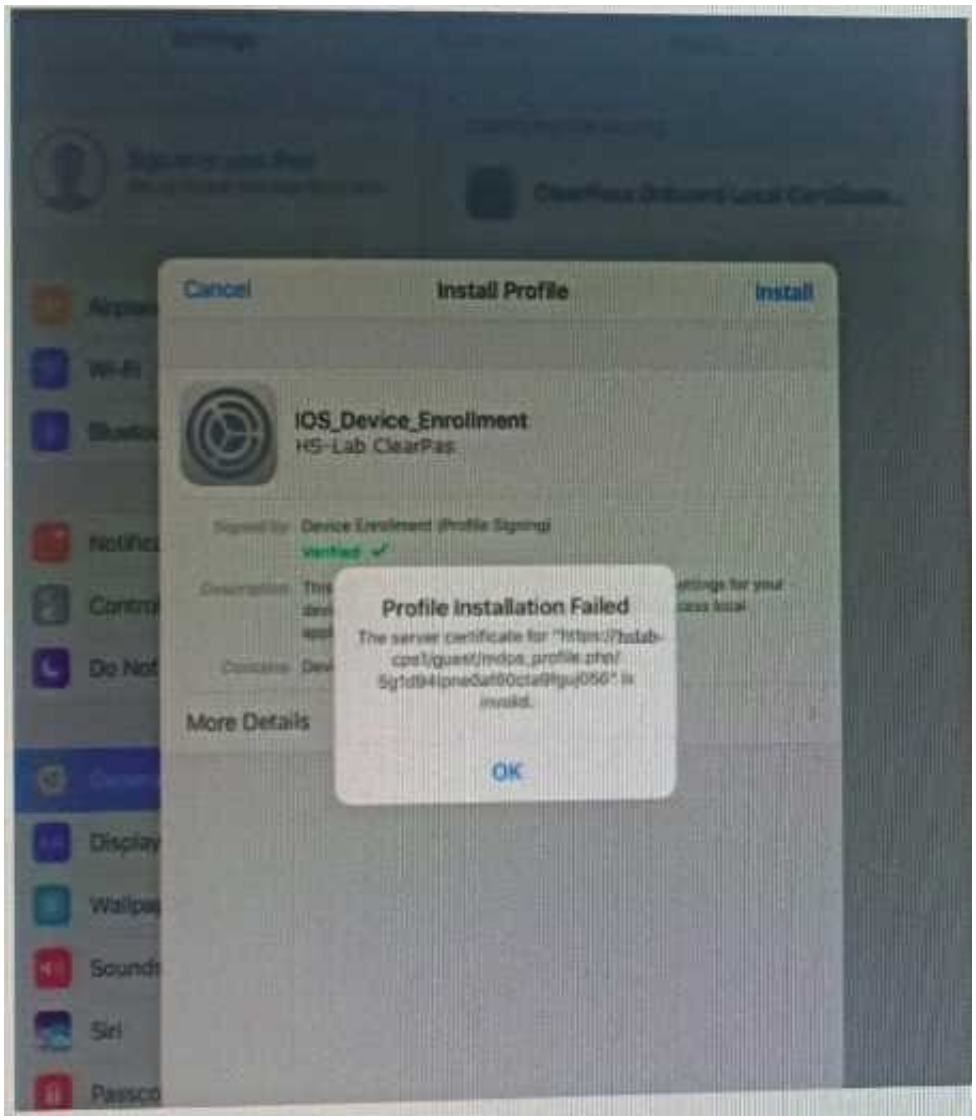
QUESTION 1

Refer to the exhibit:



A customer has configured Onboard and Windows devices work as expected but cannot get the Apple iOS devices to Onboard successfully. Where would you look to troubleshoot the Issued (Select two)

A. Check if the ClearPass HTTPS server certificate installed in the server is issued by a trusted commercial certificate authority.

B. Check if the customer installed the internal PKI Root certificate presented by the ClearPass during the provisioning process.

C. Check if a DNS entry is available for the ClearPass hostname in the certificate, resolvable from the DNS server assigned to the client.

D. Check if the customer has Instated a custom HTTPS certificate for IDS and another internal PKI HTTPS certificate for other devices.

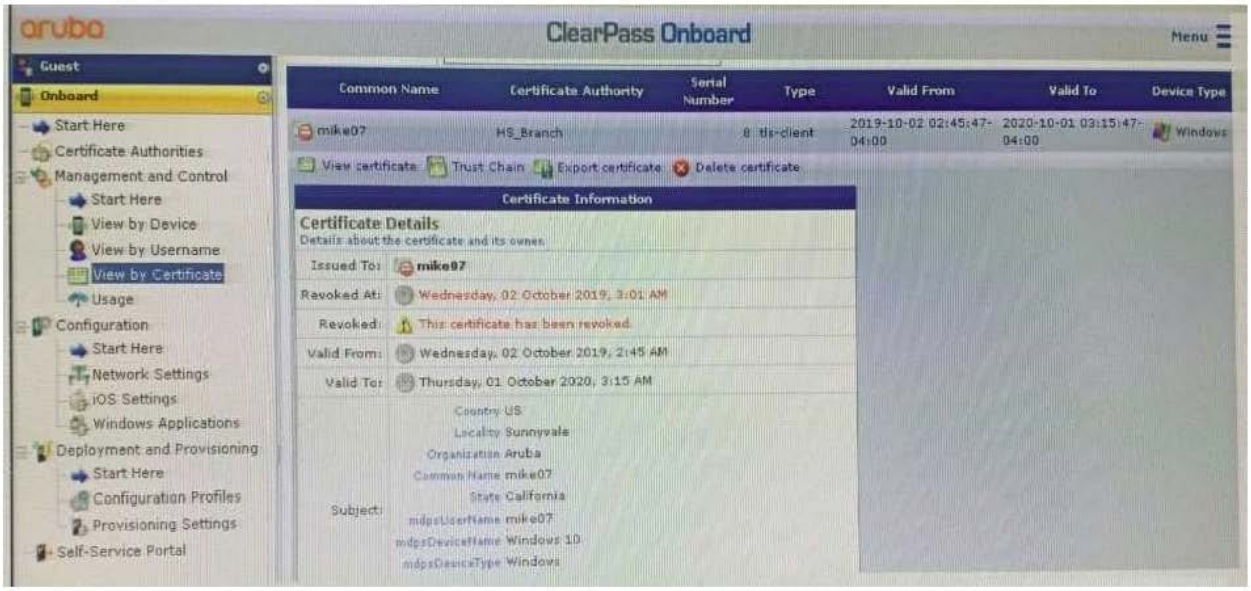
E. Check if the customer has installed the same internal PKI signed RADIUS server certificate as the HTTPS server certificate.

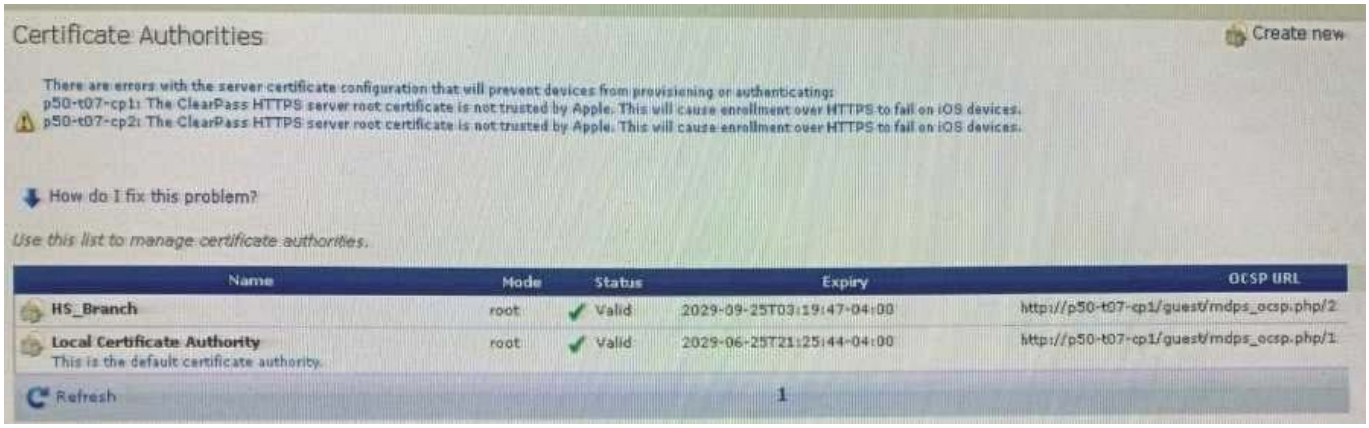
Correct Answer: AC

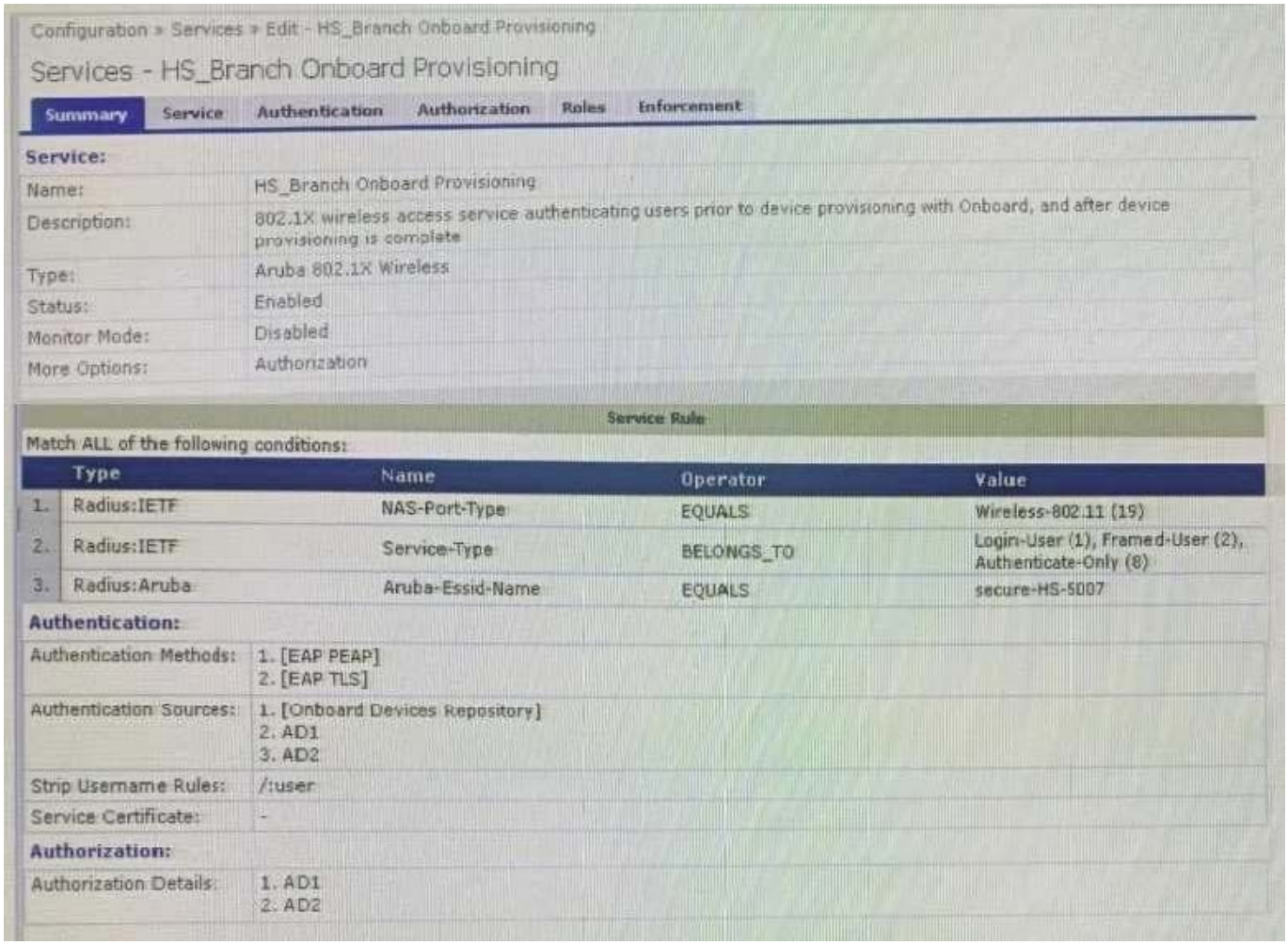
QUESTION 2

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





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.

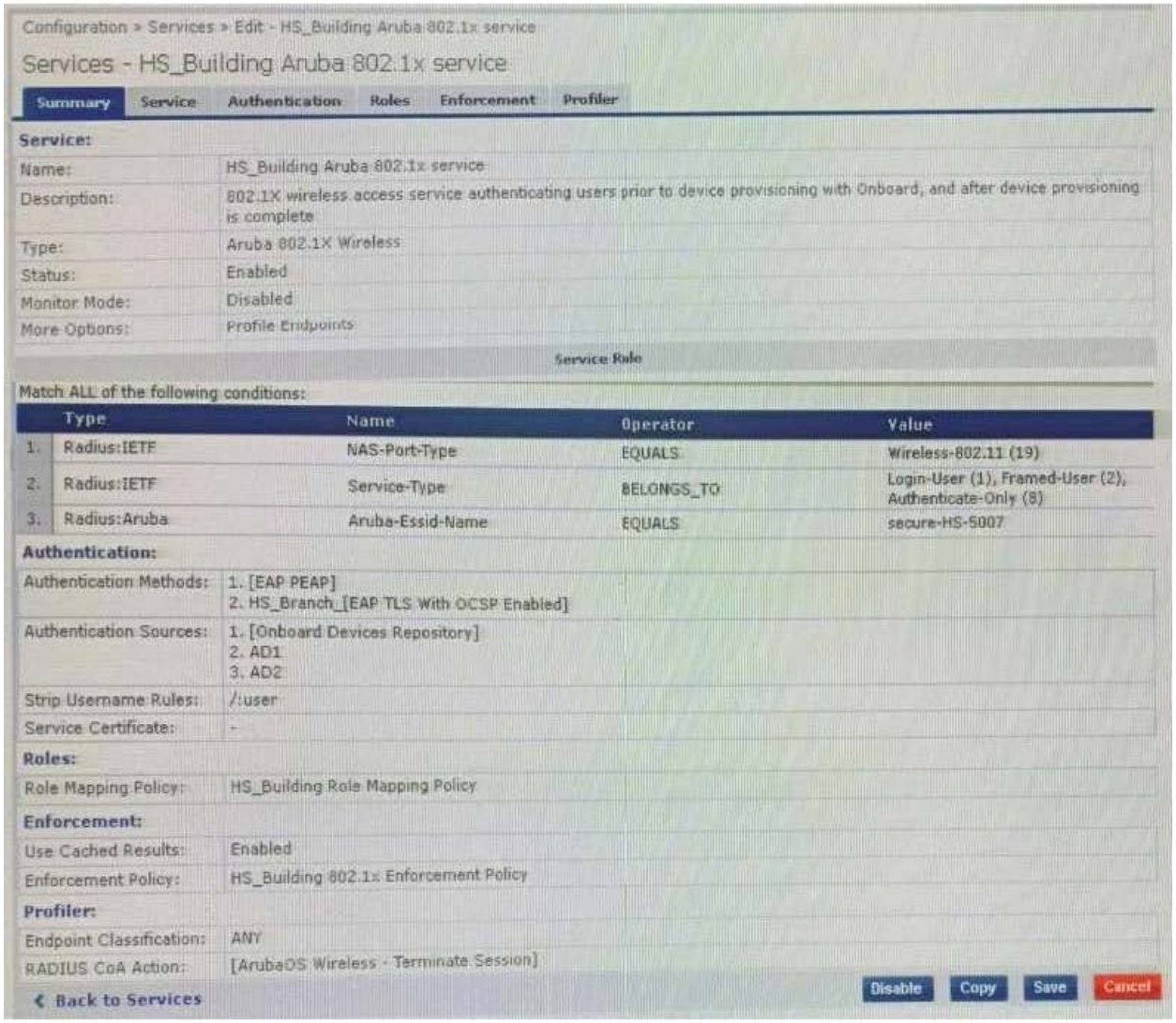
D. Edit the default [EAP-TLS with OSCP Enabled] authentication method and set the Verify certificate using OSCP option as required then update the correct OSCP URL link of the OnBoard CA Remove EAP-TLS and map the new [EAP-TLS with OSCP Enabled] method to the OnBoard Provisioning Service.

Correct Answer: C

QUESTION 3

Refer to the exhibit:


Request Details
Summary
Input
Output
Alerts
Login Status: REJECT
Session Identifier: R00000218-01-5d9db68b
Date and Time: Oct 09, 2019 06:29:34 EDT
End-Host Identifier: 78D29437BD68 (Computer / Windows / Windows 10)
Username: andy07
Access Device IP/Port: 10.1.70.100:0 (ArubaController / Aruba)
System Posture Status: UNKNOWN (100)
Policies Used -
Service: HS_Building Aruba 802.1x service
Authentication Method: EAP-PEAP,EAP-MSCHAPv2
Authentication Source: AD:AD1.aruba1.local
Authorization Source: AD1
Roles: [Other], [User Authenticated]
Enforcement Profiles: [Deny Access Profile]
Service Monitor Mode: Disabled
Online Status: Not Available
Showing 1 of 1-20 records
Show Configuration
Export
Show Logs
Close
Request Details
Summary
Input
Output
Alerts
Error Code: 206
Error Category: Authentication failure
Error Message: Access denied by policy
Alerts for this Request
RADIUS Applied 'Reject' profile



Configuration » Services » Edit - HS_Building Aruba 802.1x service

Services - HS_Building Aruba 802.1x service

Summary | Service | Authentication | Roles | Enforcement | Profiler

Service:

Name:	HS_Building Aruba 802.1x service
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:	Profile Endpoints

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

Roles:

Role Mapping Policy:	HS_Building Role Mapping Policy

Enforcement:

Use Cached Results:	Enabled
Enforcement Policy:	HS_Building 802.1x Enforcement Policy

Profiler:

Endpoint Classification:	ANY
RADIUS CoA Action:	[ArubaOS Wireless - Terminate Session]

« Back to Services

Disable | Copy | Save | Cancel


Configuration » Services » Edit - HS_Building Aruba 802.1x service

Services - HS_Building Aruba 802.1x service

Summary | Service | Authentication | 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 Aruba 802.1x service

Services - HS_Building Aruba 802.1x service

Summary | Service | Authentication | Roles | Enforcement | Profiler

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

Enforcement Policy: HS_Building 802.1x 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.	(Endpoint:MDM Enabled EQUALS true)	Aruba Full Access Profile
2.	(Authentication:OuterMethod EQUALS EAP-PEAP) AND (Tips:Role EQUALS Corp SQL Tablet)	Redirect to Aruba OnBoard Portal
3.	(Authentication:OuterMethod EQUALS EAP-TLS) AND (Tips:Role EQUALS Corp SQL Tablet)	Aruba Full Access Profile
4.	(Tips:Role EQUALS VIP User)	Aruba VIP Full Access Profile
5.	(Tips:Role MATCHES_ALL [User Authenticated] [Machine Authenticated]) AND (Authentication:Source EQUALS AD1) AND (Tips:Posture EQUALS HEALTHY (0))	Aruba Full Access Profile
6.	(Tips:Role MATCHES_ALL [User Authenticated] [Machine Authenticated]) AND (Authentication:Source EQUALS AD1) AND (Tips:Posture EQUALS UNKNOWN (100))	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))	Redirect to Aruba Quarantine Profile

Your company has a postgres SQL database with the MAC addresses of the company-owned tablets You have configured a role mapping condition to tag the SQL devices. When one of the tablets connects to the network, it does not get the correct role and receives a deny access profile.

How would you resolve the issue?

A. Remove SQL condition from role mapping policy and add it under the enforcement policy conditions.

B. Edit the SQL authentication source niter attributes and modify the SQL server filter query.

C. Add the SQL server as an authentication source and map .t under the authentication tab in the service.

D. Enable authorization tab in the service and add the SQL server as an authorization source.

Correct Answer: B

QUESTION 4

A customer is complaining that some of the devices, in their manufacturing network, are not getting profiled while other loT devices from the same subnet have been correctly profiled. The network switches have been configured for DHCP IP helpers and IF-MAP has been configured on the Aruba Controllers. What can the customer do to discover those devices as well? (Select two.)

A. Update the Fingerprints Dictionary to the latest in case new devices have been added.

B. Open a TAC case to help you troubleshoot the DHCP device profile functionality.

C. Add the ClearPass Server IP as an IP helper address on the default gateway as well.

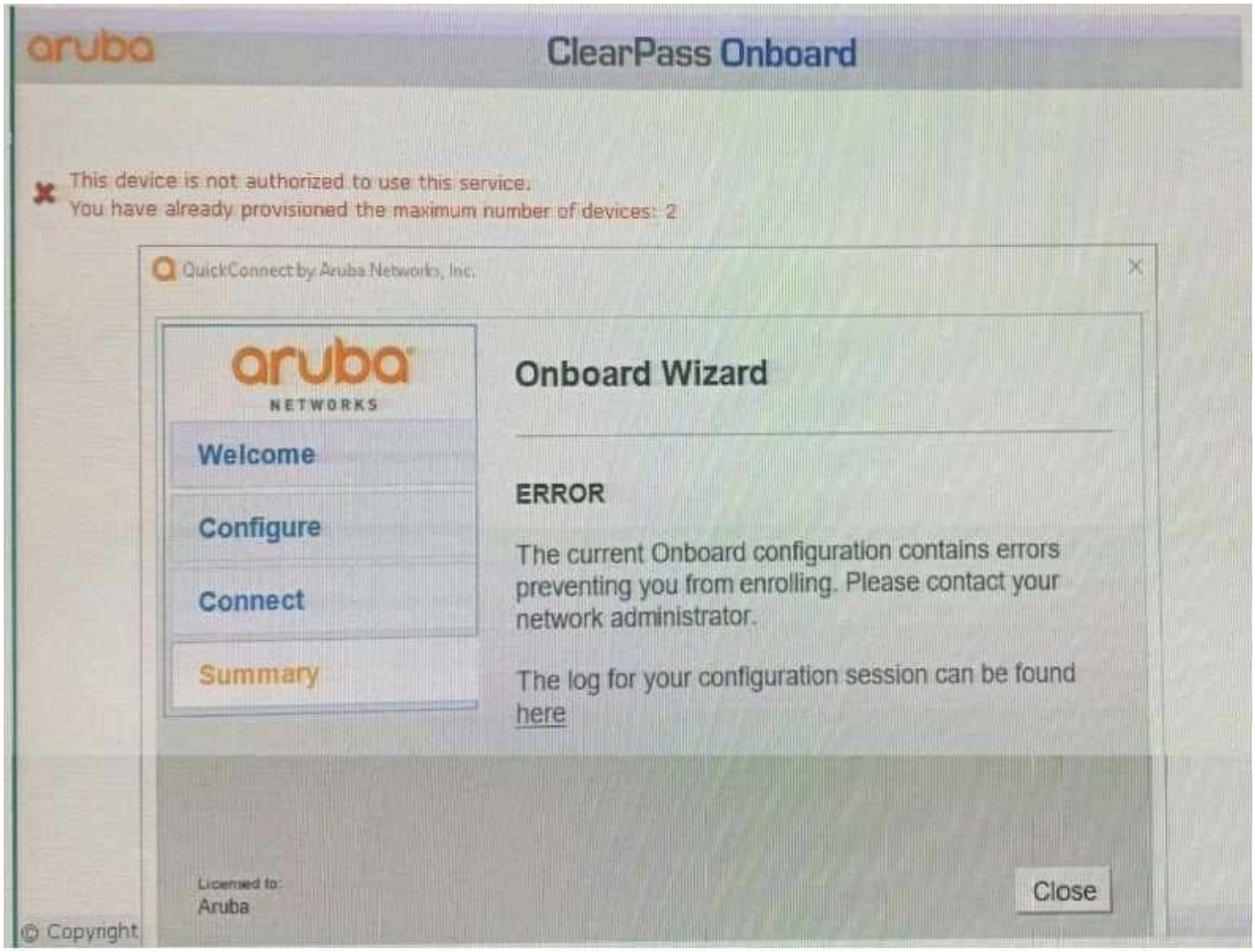
D. Allow time for IF-MAP service on the controller to discover the new devices as well.

E. Manually create a new device fingerprint for the devices that are not being profiled.

Correct Answer: DE

QUESTION 5

Refer to the exhibit: You have configured Onboard but me customer could not onboard one of his devices and has sent you the above screenshots. How could you resolve the issue?



A. Instruct the user to delete the profile on one of their other BYOD devices.

B. Instruct the user to run the Quick connect application in Sponsor Mode.

C. Increase the maximum number of devices allowed by the individual user account.

D. Increase the maximum number of devices that all users can provision to 3.

Correct Answer: D