HPE6-A77 Q&As

Aruba Certified ClearPass Expert Written

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QUESTION 1

A customer has deployed an OnGuard Solution to all the corporate devices using a group policy rule to push the OnGuard Agents. The network administrator is complaining that some of the agents are communicating to the ClearPass server that is located in a DMZ, outside the firewall The network administrator wants all of the agents System Health Validation traffic to stay inside the Management subnets. What can the ClearPass administrator do to move the traffic only to the ClearPass Management Ports?

A. Edit the agent.conf file being deployed to the clients to use the ClearPass Management Port for SHV updates.

B. Select the correct OnGuard Agent installer, and use the one configured for Management Port for the clients.

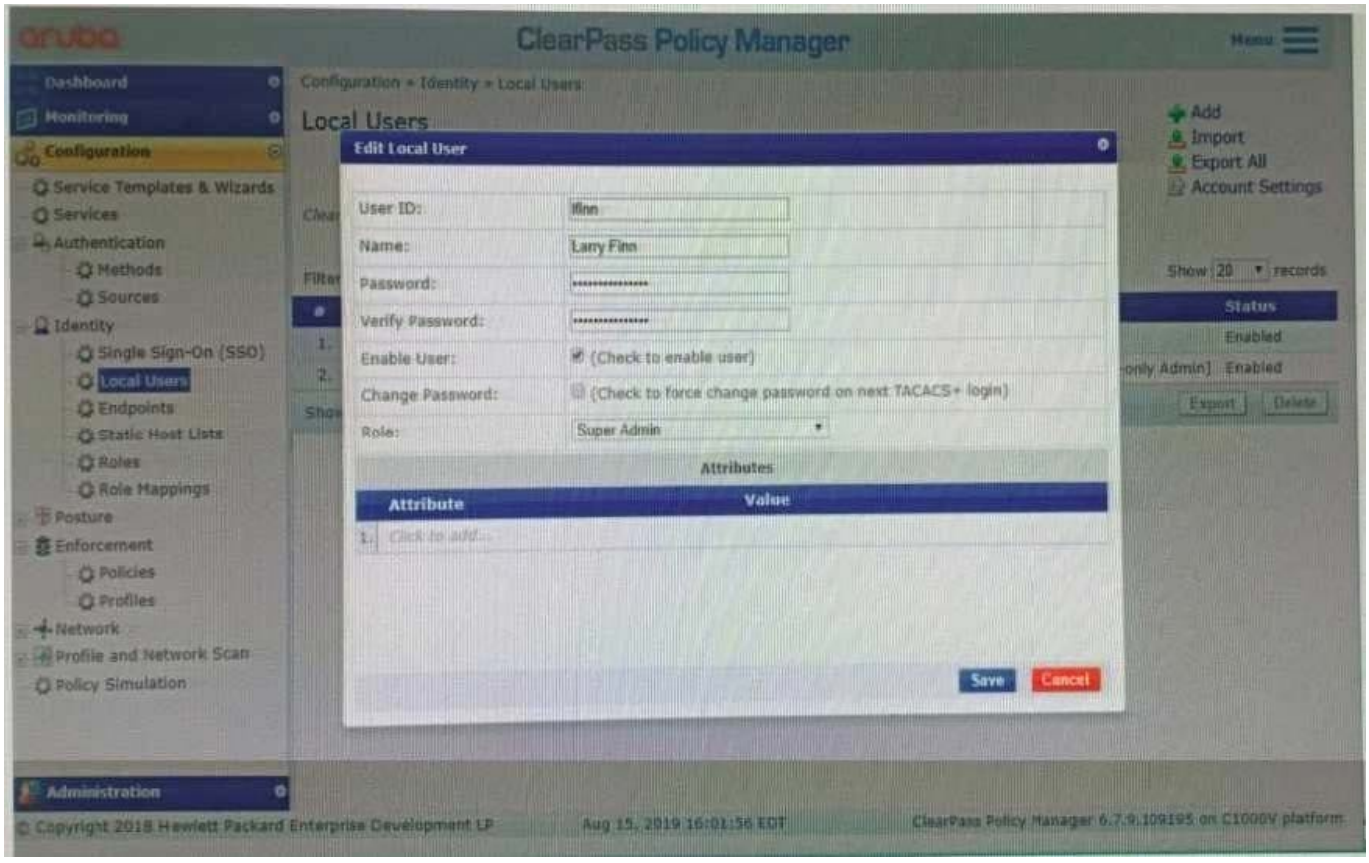
C. Configure a Policy Manager Zone mapping so the OnGuard agent will use the Management Port IP.

D. Filter TCP port 6658 on the firewall, forcing the OnGuard agent to use the ClearPass Management port.

Correct Answer: C

QUESTION 2

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

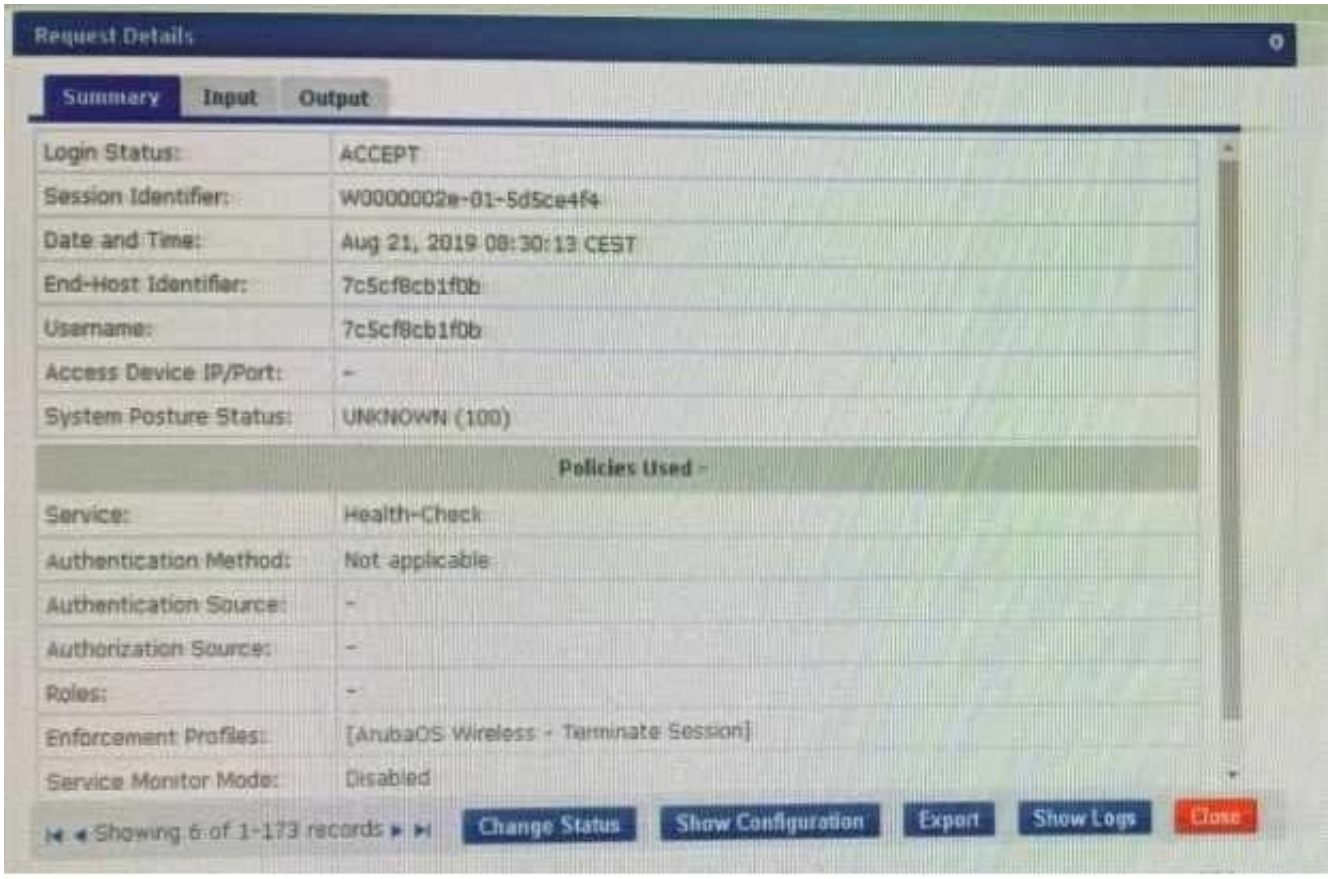
Correct Answer: B

QUESTION 3

Refer to the exhibit:


Configuration » Services » Edit - Health-Check
Services - Health-Check
Summary
Service
Roles
Enforcement
Use Cached Results:
Use cached Roles and Posture attributes from previous sessions
Enforcement Policy:
T-3-Onguard
Modify
Add New Enforcement Policy
Enforcement Policy Details
Description:
Default Profile:
[ArubaOS Wireless - Terminate Session]
Rules Evaluation Algorithm:
first-applicable
Conditions
Enforcement Profiles
1. (Tips:Posture HEALTHY (0))
T4-Healthy, [ArubaOS Wireless - Terminate Session]
2. (Tips:Posture QUARANTINE (20))
T-4-Unhealthy, [ArubaOS Wireless - Terminate Session]


Posture Policies - Windows
Summary
Policy
Posture Plugins
Rules
Select one/more plugins:
Plugin Name
Plugin Configuration
Status
ClearPass Windows Universal System Health Validator
Configure
View
Configured
Windows System Health Validator
Windows Security Health Validator
Exhibit A77-01126930-351
Configuration » Posture » Posture Policies » Edit - Windows
Posture Policies - Windows
Summary
Policy
Posture Plugins
Rules
Rules Evaluation Algorithm: First applicable
Conditions
Posture Token
1. Passes all SHV checks - ClearPass Windows Universal System Health Validator
HEALTHY
2. Fails one or more SHV checks - ClearPass Windows Universal System Health Validator
QUARANTINE
Add Rule
Move Up
Move Down
Edit Rule
Remove Rule



What could be causing the error message received on the OnGuard client?

A. The Service Selection Rules for the service are not configured correctly

B. The Web-Based Health Check service needs to be configured to use the Posture Policy

C. There is a firewall policy not allowing the OnGuard Agent to connect to ClearPass

D. The client\\'s OnGuard Agent has not been configured with the correct Policy Manager Zone

Correct Answer: D

QUESTION 4

Which statements are true about Aruba downloadable user roles? (Select three.)

A. Can be applied only on ports or WLAN users authenticated by ClearPass.

B. Aruba downloadable user role are universally available across the environment

C. Aruba downloadable user role is a built in enforcement template in ClearPass

D. Downloadable role names must be defined in Aruba switch or controller

E. Can use these roles for other authentication methods not involving ClearPass

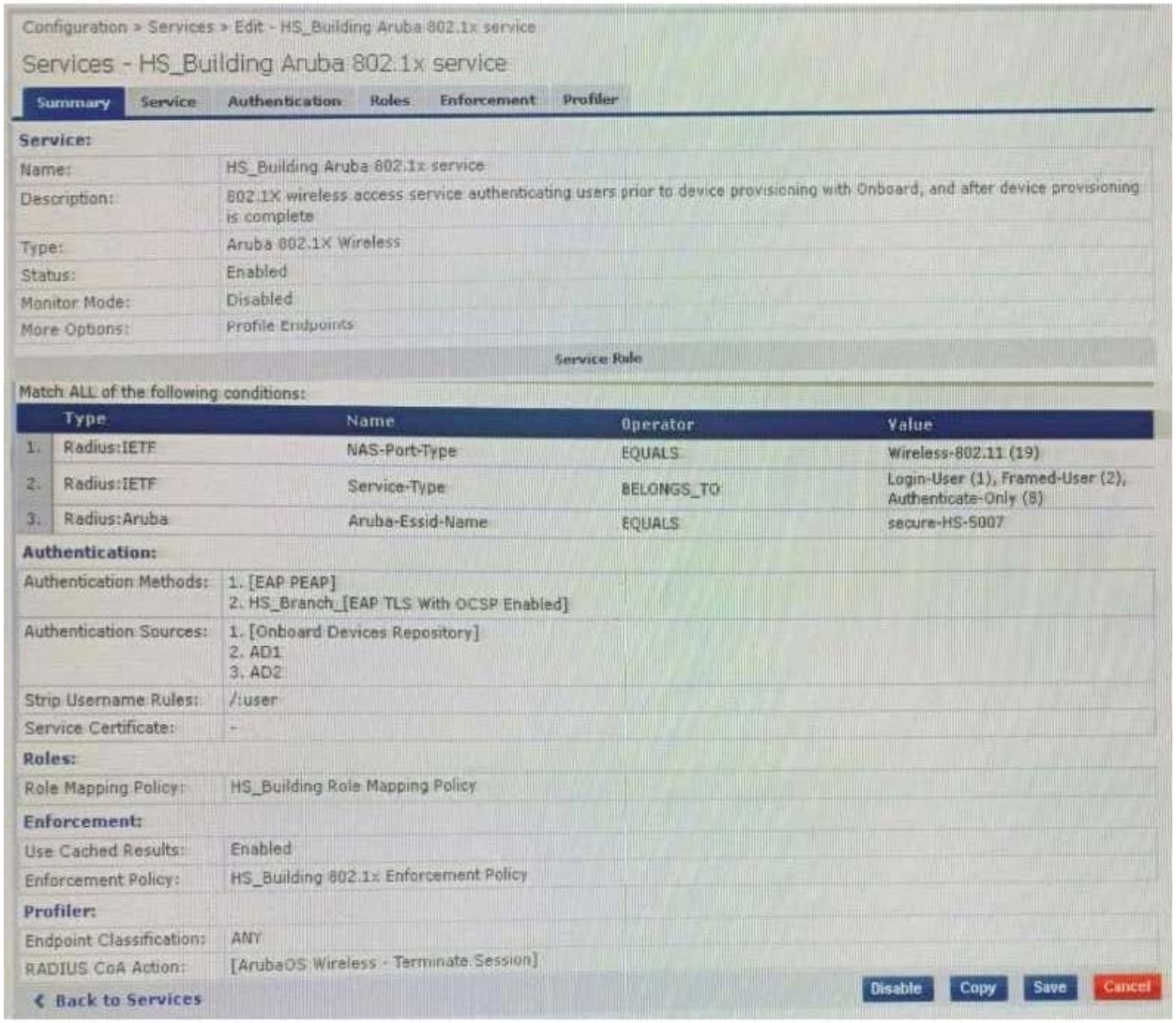
F. Administering downloadable user roles can be difficult for a large enterprise

Correct Answer: ADE

QUESTION 5

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 VIP User MAC)
VIP User
2. (Authorization:Corp SQL:MAC)
Corp SQL Tablet
3. (Authorization:[Endpoints Repository]:Category VoIP Phone)
IP Phone
4. (Authorization:[Endpoints Repository]:Category SmartDevice)
Personal SmartDevice
5. (Authorization:[Endpoints Repository]:Category Point of Sale devices)
Vending Machine
6. (Authorization:[Endpoints Repository]:Category Printer) AND (Authorization:[Endpoints Repository]:MAC Vendor CANON INC.)
Printer
7. (Authorization:[Endpoints Repository]:Category Network Camera) AND (Authorization:[Endpoints Repository]:MAC Vendor 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 true)
Aruba Full Access Profile
2. (Authentication:OuterMethod EAP-PEAP) AND (Tips:Role Corp SQL Tablet)
Redirect to Aruba OnBoard Portal
3. (Authentication:OuterMethod EAP-TLS) AND (Tips:Role Corp SQL Tablet)
Aruba Full Access Profile
4. (Tips:Role VIP User)
Aruba VIP Full Access Profile
5. (Tips:Role [User Authenticated] [Machine Authenticated]) AND (Authentication:Source AD1) AND (Tips:Posture HEALTHY (0))
Aruba Full Access Profile
6. (Tips:Role [User Authenticated] [Machine Authenticated]) AND (Authentication:Source AD1) AND (Tips:Posture UNKNOWN (100))
Aruba Limited Access Profile, Redirect to Aruba Dissolvable_page Profile
7. (Tips:Role [User Authenticated] [Machine Authenticated]) AND (Authentication:Source AD1) AND (Tips:Posture 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