



HPE6-A81^{Q&As}

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QUESTION 1

Refer to the exhibit:

Monitoring > Live Monitoring > Access Tracker

Access Tracker Aug 21, 2019 20:03:29 CEST

The Access Tracker page provides a real-time display of per-session access activity on the selected server or domain.

[All Requests] default (2 servers) Last 1 day before Today

Filter: Source contains Webauth Go Clear Filter

#	Server	Source	Username	Service	Login Status	Request Timestamp
21.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 10:18:03
22.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 10:15:06
23.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 10:12:11
24.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 10:09:14
25.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 10:06:19
26.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 10:03:23
27.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 10:00:28
28.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:57:31
29.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:54:36
30.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:51:41
31.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:48:44
32.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:45:49
33.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:42:54
34.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:39:56
35.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:37:00
36.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:34:05
37.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:31:10
38.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:28:15
39.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:25:19
40.	10.254.5.2	WEBAUTH	7c5cf8cb5246	T2-HealthCheck-Service	ACCEPT	2019/08/21 09:22:23

A customer has just configured a Posture Policy and the T2-Healthcheck Service. Next they installed the OnGuard Agent on Secure_Employee SSID. When they check Access Tracker they see many WEBAUTH requests are being triggered.

What could be the reason?

- A. OnGuard Web-Based Health Check interval has been wrongly configured to three minutes.



- B. The OnGuard Agent trigger the events based on changing the Health Status
- C. TCP port 6658 is not allowed between the client and the ClearPass server
- D. The OnGuard Agent is connecting to the Data Port interface on ClearPass

Correct Answer: A

QUESTION 2

A customer is looking to implement a Web-Based Health Check solution with the following requirements:

for the HR user's client devices, check if a USB stick is mounted.

for the RandD user's client devices, check if the hard disk is fully encrypted.

The Web-Based Health Check service has been configured but the customer it is not sure how to design the Profile Policy.

How can be accomplished this customer request?

- A. create two Posture Policies and customize the OnGuard Agent (Persistent or Dissolvable) to select the correct SHV checks
- B. create one Posture Policy and define Rules Conditions that will apply different Tokens for each SHV check condition
- C. create two Posture Policies and use the Restrict by Roles option to filter for HR and RandD user roles and apply the correct SHV checks
- D. create one Posture Policy to check the HR users client devices and use the NAP Agent to check RandD users client devices

Correct Answer: A

QUESTION 3

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 4

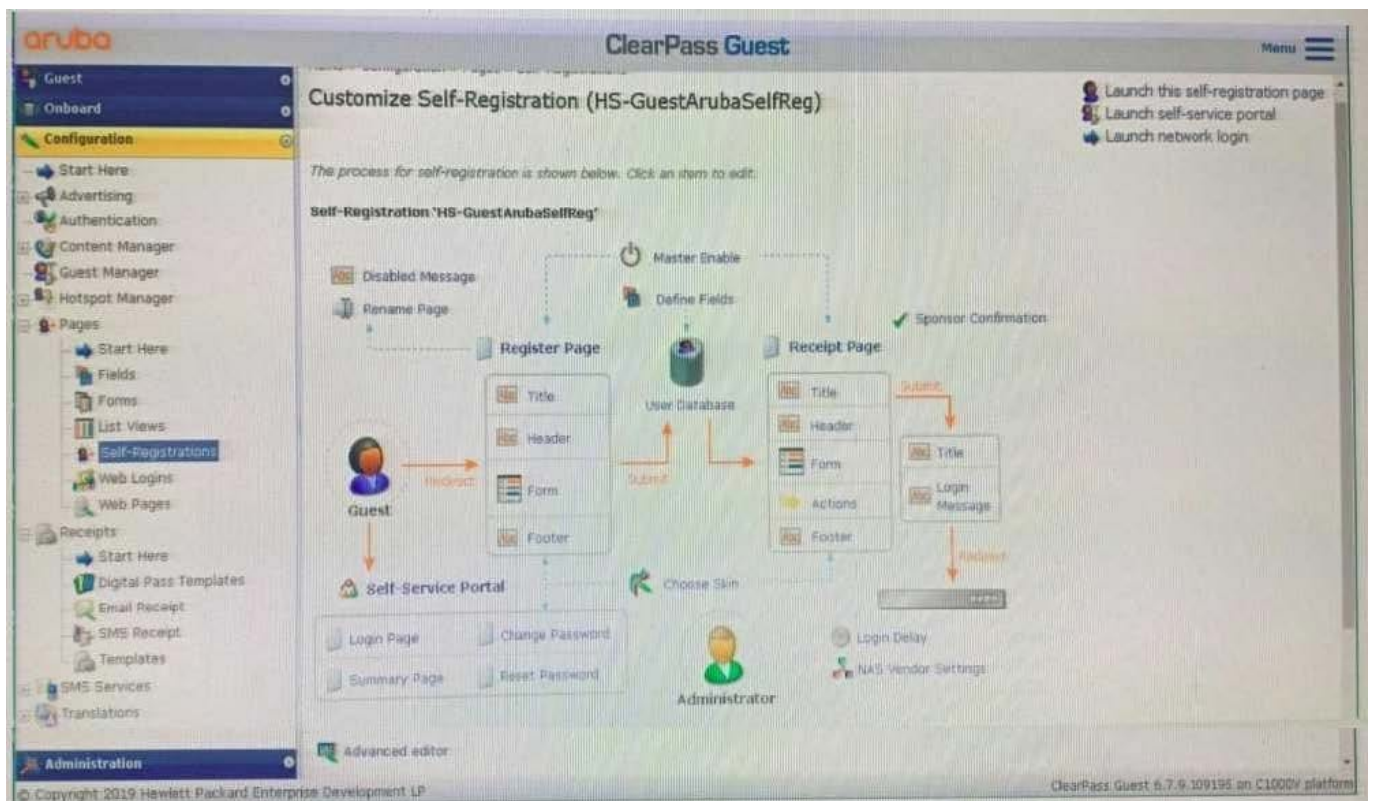
A customer is complaining that some of the devices, in their manufacturing network, are not getting profiled while other IoT devices from the same subnet have been correctly profiled. The network switches have been configured for DHCP IP helpers and IF-MAP has been configured on the Aruba Controllers. 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:



A customer is deploying Guest Self-Registration with Sponsor Approval but does not like the format of the sponsor email. Where can you change the sponsor email?

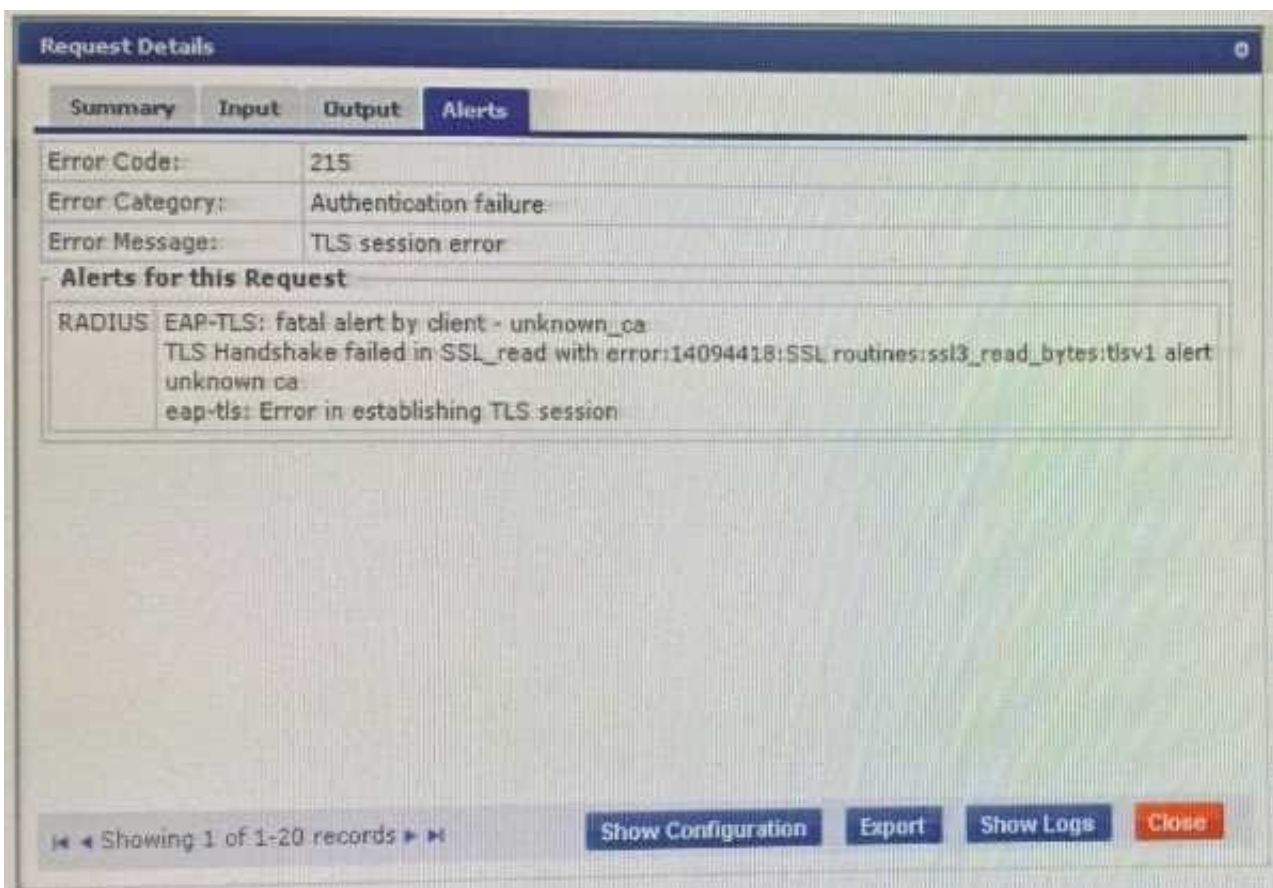


- A. in the Receipt Page - Actions
- B. in the Sponsor Confirmation section
- C. in me Configuration - Receipts - Email Receipts
- D. in the Configuration - Receipts - Templates

Correct Answer: B

QUESTION 6

Refer to the exhibit:



A customer has configured onboard in a cluster with two nodes All devices were onboarded in the network through node1 but those clients fail to authenticate through node2 with the error shown. What steps would you suggest to make provisioning and authentication work across the entire cluster? (Select three.)

- A. Have all of the BYOD clients re-run the Onboard process
- B. Configure the Onboard Root CA to trust the Policy Manager EAP certificate root.
- C. Have all of the BYOD clients disconnect and reconnect to the network
- D. Make sure that the EAP certificates on both nodes are issued by one common root Certificate Authority (CA).



- E. Make sure that the HTTPS certificate on both nodes is issued as a Code Signing certificate
- F. Configure the Network Settings in Onboard to trust the Policy Manager EAP certificate

Correct Answer: BDF

QUESTION 7

You have integrated ClearPass Onboard with Active Directory Certificate Services (ADCS) web enrollment to sign the final device TLS certificates. The customer would also like to use ADCS for centralized management of TLS certificates including expiration, revocation, and deletion through ADCS.

What steps will you follow to complete the requirement?

- A. Remove the EAP-TLS authentication method and add "EAP-TLS with OCSP Enabled" authentication method in the OnBoard Provisioning service. No other configuration changes are required.
- B. Copy the [EAP-TLS with OSCP Enabled) authentication method and set the correct ADCS server OCSP URL, remove EAP-TLS and map the custom created method to the Onboard Provisioning Service.
- C. Copy the default [EAP-TLS with OSCP Enabled] authentication method and update the correct ADCS server OCSP URL. remove EAP-TLS and map the custom created method to the OnBoard Authorization Service.
- D. Edit the [EAP-TLS with OSCP Enabled) authentication method and set the correct ADCS server OCSP URL. remove EAP-TLS and map the [EAP-TLS with OSCP Enabled) method to the Onboard Provisioning Service.

Correct Answer: A

QUESTION 8

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: T3-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]

Configuration » Posture » Posture Policies » Edit - Windows

Posture Policies - Windows

Summary Policy **Posture Plugins** Rules

Select one/more plugins:

Plugin Name	Plugin Configuration	Status
<input checked="" type="checkbox"/> ClearPass Windows Universal System Health Validator	Configure View	Configured
<input type="checkbox"/> Windows System Health Validator	Configure View	-
<input type="checkbox"/> Windows Security Health Validator	Configure View	-

Configuration » Posture » Posture Policies » Edit - Windows

Exhibit: A77-01126930-351

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



Request Details		
Summary	Input	Output
Login Status:	ACCEPT	
Session Identifier:	W0000002e-01-5d5ce4f4	
Date and Time:	Aug 21, 2019 08:30:13 CEST	
End-Host Identifier:	7c5cf8cb1f0b	
Username:	7c5cf8cb1f0b	
Access Device IP/Port:	-	
System Posture Status:	UNKNOWN (100)	
Policies Used -		
Service:	Health-Check	
Authentication Method:	Not applicable	
Authentication Source:	-	
Authorization Source:	-	
Roles:	-	
Enforcement Profiles:	[AnubaOS Wireless - Terminate Session]	
Service Monitor Mode:	Disabled	
Showing 6 of 1-173 records		
Change Status Show Configuration Export Show Logs Close		



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 9

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?

The screenshot shows the 'Enforcement' tab of the 'HPE-Aruba Wired Mac auth' service configuration. The 'Enforcement Policy' is set to 'HPE-ArubaOS Mac auth policy'. The 'Default Profile' is '[Deny Access Profile]'. The 'Rules Evaluation Algorithm' is 'first-applicable'. The 'Conditions' table is as follows:

Conditions	Enforcement Profiles
1. (Authorization:[Endpoints Repository]:Category NOT_EXISTS)	Assign Switch role PROFILE
2. (Authorization:[Endpoints Repository]:Category EQUALS Access Points) AND (Authorization:[Endpoints Repository]:OS Family EQUALS Aruba)	Assign Aruba switch role AP-ACCESS

The screenshot shows the 'Access Restrictions' tab of the 'Guest Authentication with MAC Caching' service template configuration. The 'Enforcement Type' is 'Aruba Role Enforcement'. The 'Captive Portal Access' is 'guests-login'. The 'Days allowed for access' are Monday through Sunday. The 'Maximum number of devices allowed per user' is 0. The 'Maximum bandwidth allowed per user' is 0 MB. The 'Employee Access' is empty, 'Guest Access' is 'Lab-Guest', and 'Contractor Access' is empty.



Conditions	Enforcement Profiles
1. (Authorization:[Endpoints Repository]:Unique-Device-Count GREATER_THAN 0)	[Deny Access Profile]
(Tips:Role: GUEST [Guest])	Guest MAC Caching Session Timeout, Guest MAC Caching Bandwidth Limit, Guest MAC Caching Session Limit, Guest Guest MAC Caching, [Update Endpoint Known], Guest MAC Caching Do Expire, Guest MAC Caching Expire Post Login, Guest Guest Profile
2. AND (Date:Day-of-Week BELONGS_TO Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday)	

- 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

QUESTION 10

A customer has a ClearPass cluster deployment with four servers, two servers at the data center and two servers at a large remote site connected over an SD-WAN solution The customer would like to implement OnGuard, Guest Self-Registration, and 802.1x authentication across their entire environment. During testing the customer is complaining that users connecting to an Instant Cluster Employee SSID at the remote site, with the OnGuard Persistent Agent installed are randomly getting their health check missed. What could be a possible cause of this behavior?

- A. The OnGuard Clients are automatically mapped to the Policy Manager Zone based on their IP range but an ACL on the switch could be blocking access.
- B. The traffic on the TCP port 6658 is congested due to the fact that this port is also used by the IPsec keep-alive packets of the SD-WAN solution.
- C. The ClearPass Policy Manager zones have been defined but the local IP sub-nets have not been property mapped to the zones and the OnGuard Agent might connect to any of the servers in the cluster.
- D. The Aruba-user-role received by the IAP is filtering the TCP port 6658 to the ClearPass servers and after 10 seconds the SSL fallback gets activated and randomly generates the issue.

Correct Answer: D



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