

HPE6-A07 23 Q&S Aruba Certified ClearPass Associate 6.5 By Kerwin

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Certification: ACCA V6.5

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Question 1

Which statement most accurately describes how users with Active Directory credentials authenticate with ClearPass when Active Directory is used as an authentication source for an 802.1x service in ClearPass?

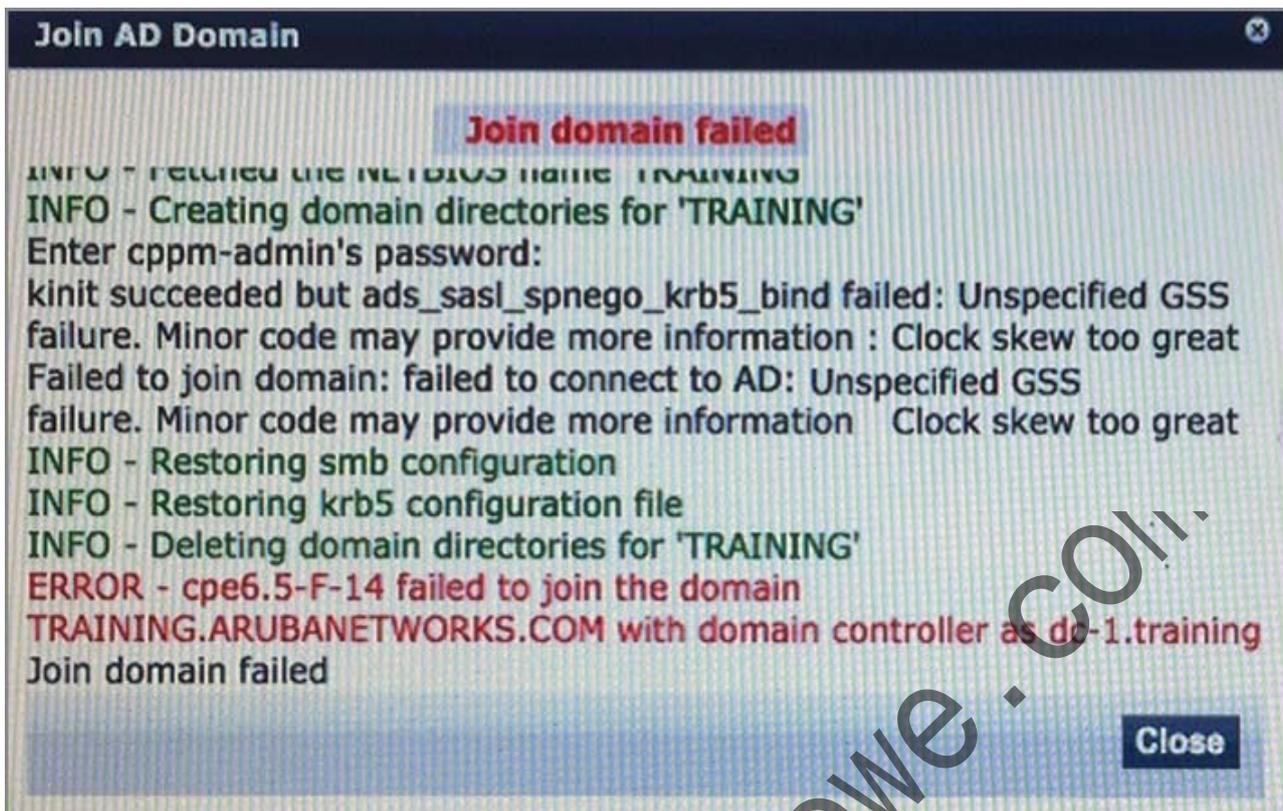
- A. A Kerberos request is sent from the Network Access Device to ClearPass which initiates a RADIUS request to the AD server.
- B. A RADIUS request is sent from the Network Access Device to the AD server which communicates with ClearPass.
- C. An LDAP request is sent from the Network Access Device to the AD server which communicates with ClearPass.
- D. An LDAP request is sent from the Network Access Device to ClearPass which initiates a RADIUS request to the AD server.
- E. A RADIUS request is sent from the Network Access Device to the ClearPass which communicates with the AD server.

Correct Answer: C Section: (none)Explanation

Explanation/Reference:

Reference http://www.arubanetworks.com/techdocs/ClearPass/Aruba_DeployGd_HTML/Content/3%20Active%20Directory/AD_auth_source_adding.htm

Question 2



Refer to the exhibit. Based on the information shown, why did the Joining AD fail?

- A. the GSS is wrong
- B. the wrong FQDN of the AD was entered while joining
- C. the wrong domain name was selected while joining the AD
- D. there is a clock difference between ClearPass and AD servers
- E. there is an IP communication issue

Correct Answer: C

Question 3

Which most accurately describes the First Applicable rule evaluation algorithm in Enforcement Policies?

- A. Each rule is checked and once a match is found, the Enforcement profile assigned to that rule is applied and the rule matching stops.
- B. All rules are checked and if there is no match, no Enforcement profile is applied.
- C. Each rule is checked and once a match is found, the Enforcement profile assigned to that rule is applied. along with the default Enforcement profile.
- D. All rules are checked for any matching rules and their respective Enforcement profiles are applied.

Correct Answer: D

Question 4

What is the purpose of using a role mapping policy in an 802.1x service with Active Directory as the authentication source?

- A. to translate and combine AD attributes into ClearPass roles
- B. to send roles from ClearPass to the AD user to update a user's group membership
- C. to enable attributes as roles directly without needing role mapping rules
- D. to send Aruba firewall roles back to the Aruba Network Access Device
- E. to send details of a user's connection to the AD user to store in its database

Correct Answer: B

Question 5

What is the purpose of a guest self-registration page in ClearPass?

- A. to allow employees to get their own devices securely connected to the network
- B. to allow contractors to create their own accounts in Active Directory
- C. to allow employees' sponsors to create accounts for their guests
- D. to allow employees to easily get their corporate devices on the network

E. to allow guest users to create a login account for the web login page

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

Explanation Guest self-registration allows an administrator to customize the process for guests to create their own visitor accounts. Self-registration is also referred to as self-provisioned access

Reference <http://www.arubanetworks.com/techdocs/ClearPass/6.6/Guest/Content/Configuration/CustomizingSelfProvisionedAccess.htm>

Question 6

What is the purpose of the pre-auth check during guest authentication?

A. for the NAD device to do an internal authentication check before sending the credentials to ClearPass

B. for the NAD device to check that ClearPass is active before sending it the RADIUS request

C. for ClearPass to do an internal authentication check before the NAS login happens

D. for the client device to do an internal sanity check before the NAS login occurs

E. for the client device to check that ClearPass is active before sending it the credentials

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

Explanation The way NAS devices like wireless controllers do authentication on external captive portals only allows standard reject message handling like "authentication failed". The pre auth check allows CPPM to provide advanced error handling of a reject like "your time limit has been reached" before a user logs in. It is to do an end run around limited error handling of NAS devices on external captive portals.

Reference <https://community.arubanetworks.com/t5/Security/why-use-pre-auth-check/m-p/93254>

Question 7

Where is the web login page created in the ClearPass UI?

A. WebAuth Service

B. Captive Portal Profile

C. ClearPass Policy Manager

D. Guest Login Service

E. ClearPass Guest

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

Reference http://www.arubanetworks.com/techdocs/ClearPass/CPGuest_UG_HTML_6.5/Content/Configuration/CreateEditWebLogin.htm

Question 8

Which actions are necessary to set up a ClearPass guest captive portal web login page to authenticate guest users? (Select three.)

A. Configure the guest pre-authentication role on ClearPass.

B. Select the user login checkbox in ClearPass Guest.

C. Create a web login page in ClearPass Guest.

D. Create Guest Service in ClearPass policy Manager.

E. Redirect Aruba Controller URL to ClearPass server web login page.

Correct Answer: ABD Section: (none) Explanation Explanation/Reference:

Reference <https://community.arubanetworks.com/t5/Aruba-Solution-Exchange/IAP-ClearPass-GuestCaptive-Portal/ta-p/202675>

Question 9

Which device uses the Quick Connect method of Onboarding? (Select two.)

A. iPad

B. iPhone

C. Windows

D. blackberry

E. Android

Correct Answer: AB Section: (none) Explanation

Explanation/Reference:

Reference <http://www.primecominc.com/wp-content/uploads/2015/11/Conquering-todays-BYODchallenges-whitepaper.pdf>

Question 10

How do apple iOS 4 and iOS 5 devices download the Onboard provisioning profile and credentials from ClearPass?

- A. Bonjour
- B. Quick Connect
- C. SNMP
- D. FTP
- E. Over the air API

Correct Answer: B Section: (none)Explanation

Explanation/Reference:

Reference <https://community.arubanetworks.com/t5/tkb/articleprintpage/tkb-id/ASE/article-id/18>

Question 11

What is the purpose of a RADIUS IETP Session Timeout attribute being sent to an Aruba Controller when a guest authenticates successfully?

- A. For the controller to initiate a RADIUS re-authentication automatically when the time limit is reached.
- B. For ClearPass to send a RADIUS CoA message to the client when the time limit is reached.
- C. For the user to initiate a RADIUS re-authentication when the time limit is reached.
- D. For ClearPass to send a RADIUS CoA message when the time limit is reached.
- E. For the Controller to end the user's authenticated session when the time limit is reached.

Correct Answer: E

Question 12

What does a client need for it to perform EAP-TLS successfully? (Select two.)

- A. Username and Password
- B. Server Certificate
- C. Pre-shared key
- D. Certificate Authority
- E. Client Certificate

Correct Answer: BE Section: (none) Explanation

Explanation/Reference:

Reference <https://community.arubanetworks.com/t5/AAA-NAC-Guest-Access-BYOD/Binary-comparisonin-EAP-TLS-Authentication/ta-p/257857>

Question 13

Which authentication type allows a device to authenticate with a client certificate?

- A. 802.1X/EAP
- B. WEP Authentication
- C. MAC Authentication
- D. Captive Portal Authentication
- E. Open System Authentication

Correct Answer: A Section: (none)Explanation

Explanation/Reference:

Reference <https://community.arubanetworks.com/t5/AAA-NAC-Guest-Access-BYOD/Binary-comparisonin-EAP-TLS-Authentication/ta-p/257857>

Question 14

Where is the ClearPass Guest Login page URL referenced in the Aruba Controller?

- A. Guest Access Policy
- B. WebAuth Profile
- C. Captive Portal Policy
- D. Captive Portal Authentication Profile
- E. Guest Enforcement Profile

Correct Answer: A

Question 15

ClearPass Onboard uses which type of WLAN security once the user has authenticated and onboarded the client?

- A. EAP-PEAP

- B. EAP-RADIUS
 - C. SSL
 - D. EAP-LEAP
 - E. EAP-TLS
- Correct Answer: E

Question 16

A guest user connects to an Aruba Controller wireless network and is redirected to a web login page on ClearPass.

How is the redirection performed?

- A. The user inputs the URL of the web login page in their browser
- B. The user is redirected to the securelogin.arubanetworks.com web login page.
- C. ClearPass will capture web traffic and redirect the client to the Web Login page.
- D. The controller will capture web traffic and redirect the traffic to the ClearPass Web Login page.
- E. The user inputs the URL of the controller's securelogin.arubanetworks.com page in their browser.

Correct Answer: D

Question 17

Which device verifies the Server certificate during the Over the air provisioning process?

- A. Aruba Controller
- B. Active Directory
- C. ClearPass Onboard
- D. Client
- E. ClearPass Policy Manager

Correct Answer: C

Question 18

In which stage of the Onboard process is the enterprise's root certificate installed on the iOS device?

- A. During EAP authentication
- B. Provisioning
- C. Authentication
- D. Pre-provisioning
- E. Authorization

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

Reference <https://www.slideshare.net/ArubaNetworks/onboard-deployment-guide-396> (slide 15)

Question 19

An organization wants to have employees connect their own personal devices securely to the WLAN. Which ClearPass feature can be used to accomplish this?

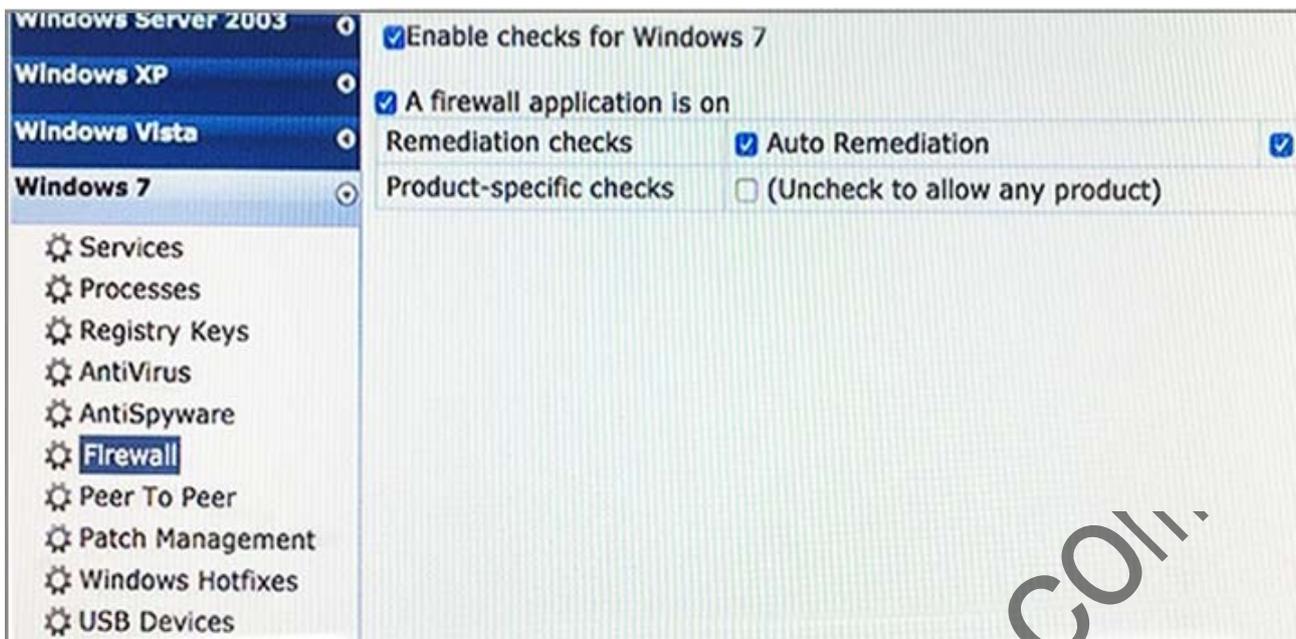
- A. Enforcement
- B. Guest
- C. Profiling
- D. Onboarding
- E. Guest with self-registration

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

Reference http://www.arubanetworks.com/pdf/solutions/CS_ConsulateHealthCare.pdf

Question 20



Based on the information provided, what is the status of the network? (Select two.)

- A. Posture check is enabled for Windows 7 OS.
- B. Posture check is enabled for firewall client application in Windows 7 OS.
- C. Auto remediation is enabled, hence the client will be forced to enable the firewall if it is found disabled.
- D. Auto remediation can force the client to enable the firewall and also sends a notification to user.
- E. Auto remediation cannot force the client to enable the firewall, it can only send notification to the user.

Correct Answer: AC

Question 21

Which checks are made with OnGuard posture evaluation in ClearPass? (Select three.)

- A. Client role check
- B. Registry keys
- C. Peer-to-peer application checks
- D. EAP TLS certificate validity
- E. Operating System version

Correct Answer: ABC

Question 22

Which Operating Systems can use Network Access Protection (NAP) policy agents? (Select two.)

- A. Windows XP
- B. Android
- C. Windows 7
- D. Mac OS X
- E. iOS 6 and higher

Correct Answer: CD

Question 23

Which statement is a valid "Native Dissolvable Agent Installer" requirement?

- A. Agent can be installed for only current users.
- B. Native Dissolvable agent installer requires admin rights.
- C. Agent can be installed for current user but does not require admin rights.
- D. ClearPass does not support "Native dissolvable agent."
- E. It does not require admin rights but needs a license.

Correct Answer: C Section: (none)Explanation

Explanation/Reference:

Reference http://www.arubanetworks.com/techdocs/ClearPass/CP_ReleaseNotes_6.6.1/Content/PriorKnown/OldKnown_DissolvableAgent.htm