

# Aruba Certified ClearPass Professional Exam

## Exam Description

The Aruba Certified ClearPass Professional Exam tests your ability to design and integrate networks that use ClearPass. Candidates will be tested on skills required to configure ClearPass for policy and guest management, posture, profiling, and onboarding.

## Ideal Candidate For This Exam

Typical candidates for this exam are networking IT professionals with a minimum of one to two years experience in deploying network solutions for the enterprise.

## Exam Contents

This exam has 62 questions.

## Advice To Help You Take This Exam

- Complete the training and review all course materials and documents before you take the exam.
- Exam items are based on expected knowledge acquired from job experience, an expected level of industry standard knowledge, or other prerequisites (events, supplemental materials, etc.).
- Successful completion of the course alone does not ensure you will pass this exam.
- Read the HPE Exam Preparation Guide and follow its recommendations.
- Visit HPE Press for additional reference material, study guides, and HPE books.

## Supporting resources

These recommended resources help you prepare for the exam:

### Option 2

Resource Type	Resource ID	Resource Name
Course	0001131307	Implementing Aruba ClearPass, Rev. 20.11

### Option 4

Resource Type	Resource ID	Resource Name
Course	0001131083	Aruba ClearPass Essentials, Rev. 20.11

## Objectives

This exam tests your skills on:

<b>Exam ID</b>	HPE6-A68
<b>Exam type</b>	Proctored
<b>Exam duration</b>	1 hour 10 minutes
<b>Exam length</b>	62 questions
<b>Passing score</b>	75%
<b>Delivery languages</b>	English, Japanese, Latin American Spanish
<p>Register for this Exam You need an HPE Learner ID and a Pearson VUE login and password.</p> <p>No reference material is allowed at the testing site. This exam may contain beta test items for experimental purposes.</p> <p>During the exam, you can make comments about the exam items. We welcome these comments as part of our continuous improvement process.</p>	

Percentage of Exam	Sections/Objectives
5%	Intro to ClearPass
25%	ClearPass for AAA
6%	External Authentication
23%	Guest
17%	Onboard
6%	Endpoint Analysis
8%	Posture
5%	Operations and Admin Users
5%	Clustering and Redundancy

## Sample questions

Sample questions are provided only as examples of question style, format and complexity/difficulty. They do not represent all question types and do not reflect all topic areas. These sample questions do not represent a practice test.

- A customer would like to deploy ClearPass with the following objectives: they have between 2,000 to 3,000 corporate users that need to authenticate daily using EAP-TLS. They want to allow for up to 1,000 employee devices to be OnBoarded. They would also like to allow up to 100 different guest users each day to authenticate using the web login feature. Which of the following best describes the license mix that they need to purchase?

  - CP-HW-5k, 100 OnBoard, 100 Guest
  - CP-HW-500, 1,000 OnBoard, 100 Guest
  - CP-HW-2k, 1,000 OnBoard, 100 Guest
  - CP-HW-5k, 2,500 Enterprise
- Which of the following statements is FALSE about OnGuard? (Choose 2)

  - It is used to identify and remove any malware/viruses.
  - It is used to ensure that Antivirus/Antispyware programs are running and are up to date as desired.
  - It supports both Windows and Mac OS X clients.
  - It only supports 802.1X authentication.
- If a client's authentication is failing and there are no entries in the ClearPass access tracker, which of the following is a possible reason for the authentication failure?

  - The client used a wrong password.
  - The user is not found in the database.
  - The shared secret between Network Access Device and ClearPass does not match.
  - The user account has expired.
- Which of the following statements is FALSE about the configuration of Active Directory (AD) as an External Authentication server in ClearPass?

  - ClearPass should join the AD domain when PEAP and MSCHAPv2 are used as the authentication type.

- b. The bind DN for an AD can be in the administrator@domain format.
  - c. ClearPass can only be a member of a single AD domain.
  - d. An administrator can customize the selection of attributes fetched from the AD.
5. A Publisher node in a cluster goes down and Subscribers are no longer able to reach the Publisher. Which of the following is true? (Choose 2)
- a. Users authenticating with the Publisher node continue to authenticate.
  - b. Users authenticating with the Subscriber nodes are no longer able to authenticate.
  - c. Users authenticating with the Publisher node are no longer able to authenticate.
  - d. Users authenticating with the Subscriber nodes continue to authenticate.

## Answers

This section provides answers to and references for the sample questions.

1. A customer would like to deploy ClearPass with the following objectives: they have between 2,000 to 3,000 corporate users that need to authenticate daily using EAP-TLS. They want to allow for up to 1,000 employee devices to be OnBoarded. They would also like to allow up to 100 different guest users each day to authenticate using the web login feature. Which of the following best describes the license mix that they need to purchase?

- a. CP-HW-5k, 100 OnBoard, 100 Guest
- b. CP-HW-500, 1,000 OnBoard, 100 Guest
- c. CP-HW-2k, 1,000 OnBoard, 100 Guest
- d. CP-HW-5k, 2,500 Enterprise

2. Which of the following statements is FALSE about OnGuard? (Choose 2)

- a. It is used to identify and remove any malware/viruses.
- b. It is used to ensure that Antivirus/Antispyware programs are running and are up to date as desired.
- c. It supports both Windows and Mac OS X clients.
- d. It only supports 802.1X authentication.

3. If a client's authentication is failing and there are no entries in the ClearPass access tracker, which of the following is a possible reason for the authentication failure?

- a. The client used a wrong password.
- b. The user is not found in the database.
- c. The shared secret between Network Access Device and ClearPass does not match.
- d. The user account has expired.

4. Which of the following statements is FALSE about the configuration of Active Directory (AD) as an External Authentication server in ClearPass?

a. ClearPass should join the AD domain when PEAP and MSCHAPv2 are used as the authentication type.

b. The bind DN for an AD can be in the administrator@domain format.

c. ClearPass can only be a member of a single AD domain.

d. An administrator can customize the selection of attributes fetched from the AD.

5. A Publisher node in a cluster goes down and Subscribers are no longer able to reach the Publisher. Which of the following is true? (Choose 2)

a. Users authenticating with the Publisher node continue to authenticate.

b. Users authenticating with the Subscriber nodes are no longer able to authenticate.

c. Users authenticating with the Publisher node are no longer able to authenticate.

d. Users authenticating with the Subscriber nodes continue to authenticate.

## For more information

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