

# HP2-Z33<sup>Q&As</sup>

HP Unified Wired-Wireless Networks and BYOD

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## QUESTION 1

Which customer requirements would cause a WLAN designer to recommend implementing an HP Unified Wired-Wireless enterprise controller? (Select two.)

- A. The customer currently has 500 access points and an HP MSM controller deployed, and they plan to deploy an additional 400 access points.
- B. The customer expects that the number of authenticated users will increase from 1500 to 2500.
- C. The customer wants to manage their wireless network using the HP IMC platform.
- D. The customer requires high availability and seamless failover of non-centralized traffic,
- E. The customer plans to deploy a new wireless network with 500 access points.

Correct Answer: CD

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## QUESTION 2

Which components participate in the HP BYOD authentication process? (Select two.)

- A. HTTP agent
- B. Wireless Service Manager (WSM)
- C. User Access Manager DHCP agent
- D. User Access Manager
- E. BYOD portal server

Correct Answer: BD

Reference: <http://h20195.www2.hp.com/V2/GetPDF.aspx%2F4AA4-5149ENW.pdf> (page 4)

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## QUESTION 3

Which factors impact the calculation of the Effective Isotropic Radiated Power (EIRP)?

- A. antenna gain, cable loss, and transmit power
- B. propagation loss, receiver sensitivity, and transmit power
- C. antenna height, interference, and receiver signal strength
- D. antenna gain, propagation loss, and transmit power

Correct Answer: A

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## QUESTION 4

Where can a network administrator check for successful authentication in User Access Manager?

- A. User Access Log > Auth Failure Log
- B. User Access > LDAP Users
- C. User Access Log > Access Details
- D. User Access > Access Device Log

Correct Answer: C

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## QUESTION 5

In an HP BYOD solution, what does DHCP fingerprinting provide?

- A. endpoint information
- B. web browser type
- C. SSID of the connection
- D. user account information

Correct Answer: A

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## QUESTION 6

What are the process steps that occur for a guest to access a wireless network managed with an HP BYOD solution?  
(Place the steps in the correct order.)

Step 1:	<input type="text"/>
Step 2:	<input type="text"/>
Step 3:	<input type="text"/>
Step 4:	<input type="text"/>
Step 5:	<input type="text"/>

Hot Area:

Step 1:

Guest selects the Guest SSID that the organization provides.	
Guest opens the web browser or it opens automatically.	
Browser is automatically redirected to a web page for registration.	
Guest enters credentials.	
MAC address of guest endpoint is registered along with the guest account.	

Step 2:

Guest selects the Guest SSID that the organization provides.	
Guest opens the web browser or it opens automatically.	
Browser is automatically redirected to a web page for registration.	
Guest enters credentials.	
MAC address of guest endpoint is registered along with the guest account.	

Step 3:

Guest selects the Guest SSID that the organization provides.	
Guest opens the web browser or it opens automatically.	
Browser is automatically redirected to a web page for registration.	
Guest enters credentials.	
MAC address of guest endpoint is registered along with the guest account.	

Step 4:

Guest selects the Guest SSID that the organization provides.	
Guest opens the web browser or it opens automatically.	
Browser is automatically redirected to a web page for registration.	
Guest enters credentials.	
MAC address of guest endpoint is registered along with the guest account.	

Step 5:

Guest selects the Guest SSID that the organization provides.	
Guest opens the web browser or it opens automatically.	
Browser is automatically redirected to a web page for registration.	
Guest enters credentials.	
MAC address of guest endpoint is registered along with the guest account.	

Correct Answer:



Step 1:

Guest selects the Guest SSID that the organization provides.	
Guest opens the web browser or it opens automatically.	
Browser is automatically redirected to a web page for registration.	
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Guest opens the web browser or it opens automatically.	
Browser is automatically redirected to a web page for registration.	
Guest enters credentials.	
MAC address of guest endpoint is registered along with the guest account.	

Step 4:

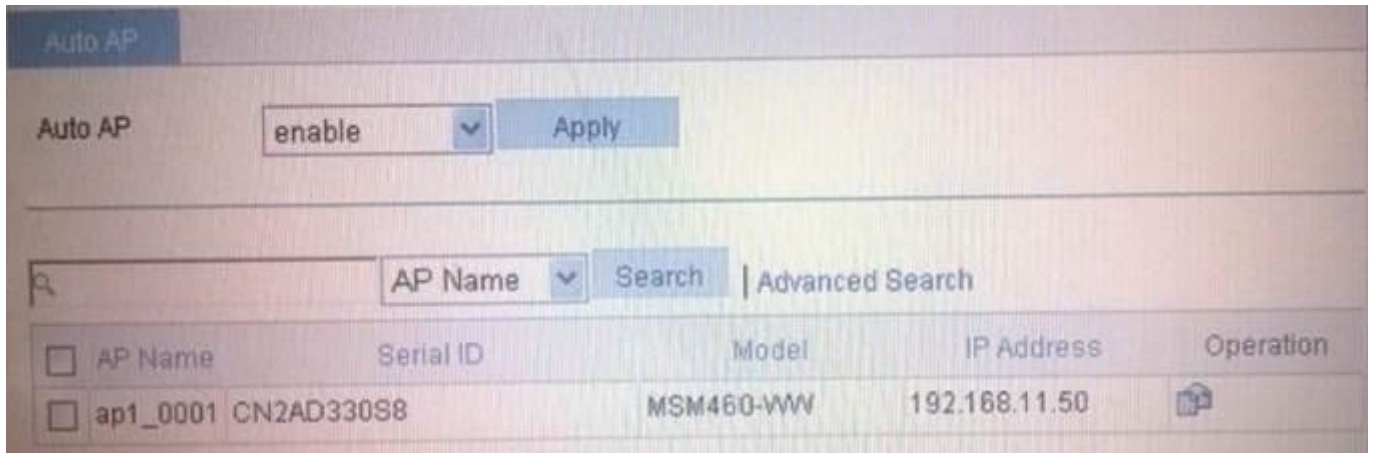
Guest selects the Guest SSID that the organization provides.	
Guest opens the web browser or it opens automatically.	
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## QUESTION 7

Refer to the exhibit.



Based on the access controller configuration shown in the exhibit, when can newly discovered access points (AP) join this AC?

- A. An AP can automatically join if the controller recognizes the AP serial number
- B. An AP can automatically join if the controller recognizes the AP IP subnet address
- C. An AP can automatically join if the controller recognizes the AP name
- D. An AP can automatically join if the controller recognizes the AP model type

Correct Answer: D

## QUESTION 8

In an HP BYOD solution, which settings are required in order to allow guest users to access the BYOD registration page? (Select two.)

- A. User Access Manager Access Condition on the VLAN group that selects the GUEST VLAN
- B. User Access Manager Access Policy that defines user authentication
- C. User Access Manager Access Policy that returns Onboarding VLAN
- D. Portal free rule that enables DNS to be forwarded from onboarding VLAN interface to DNS server
- E. Portal server commands that block HTTP traffic from being forwarded

Correct Answer: DE

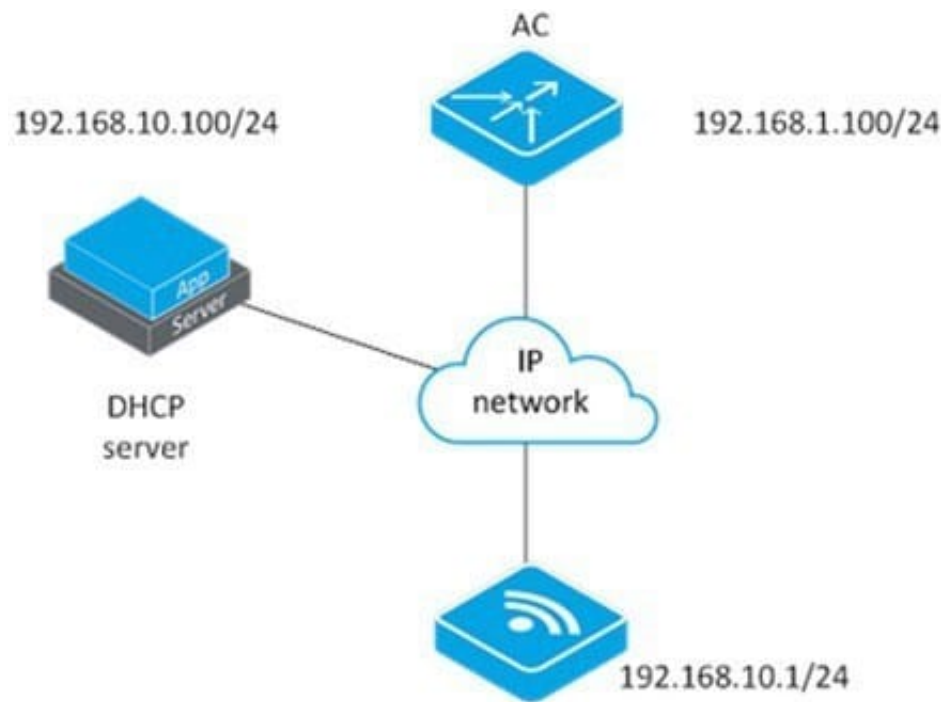
## QUESTION 9

An administrator wants to configure authentication on the HP 830 switch ports that connect to wireless access points. The company policy requires all wireless users to be authenticated using 802.1X authentication. Each port should also allow multiple wireless users to pass 802.1X authentication.

Which port security mode meets these requirements?

- A. macAddressWithRadius
- B. userLoginSecure
- C. userLoginSecureExt
- D. macAddressElseUserLoginSecureExt

Correct Answer: D



An engineer is installing a new access point (AP). The AP has successfully acquired an IP address. The engineer can ping the access controller (AC) from the AP. However the AC is not discovering the AP. What could cause this problem?

- A. The interface between the AC and the IP network is down.
- B. The AC and AP must be in the same subnetwork.
- C. The AP and AC are not in the same VLAN.
- D. The DHCP server has not been set up with option 43.

## QUESTION 10

What is the maximum data rate that a 2x3 MIMO 802.11 n enabled device can transmit at?

- A. 54Mb/s
- B. 150 Mb/s
- C. 300 Mb/s

D. 450 Mb/s

Correct Answer: C

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#### QUESTION 11

It is Monday morning, and no one can connect to the wireless network. The network administrator suspects that the access controller's certificate may have expired and is no longer valid. How can the administrator check if this is the problem?

- A. On the access controller, navigate to Authenticate > Certificate Management, and click the CRL tab. Then click Retrieve CRL
- B. On the access controller, navigate to Authenticate > Certificate Management and click the Domain tab. Then click Retrieve CRL
- C. On the access controller, navigate to Authenticate > Certificate Management and click the Entity tab. Then click Request Cert.
- D. On the access controller, navigate to Authenticate > Certificate Management and click the Certificate tab. Then click Request Cert.

Correct Answer: A

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#### QUESTION 12

A research company wants to deploy a high throughput 802.11n only wireless network. The network administrator selects the "client dot11n-only" option. Which other configuration option must the network administrator configure?

- A. maximum MCS index
- B. basic rate 6Mb/s
- C. mandatory rates MCS0-MCS15
- D. MCS15 data rate

Correct Answer: A

Configuring 802.11n Rates

Introduction to MCS

Configuration of mandatory and supported 802.11n rates is achieved by specifying the maximum Modulation and Coding Scheme (MCS) index. The MCS data rate table shows relations between data rates, MCS indexes, and parameters that

affect data rates. A sample MCS data rate table in the 20 MHz mode is shown in Table 1-4. For the whole table, refer to IEEE P802.11n D2.00.

Table 1-4 MCS data rate table (20 MHz)

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**QUESTION 13**

Which statement is correct about passwords when a network administrator synchronizes User Access Manager (UAM) with an Active Directory server?

- A. Passwords are set but with a different salt value.
- B. Passwords set in the Active Directory must be reset to different values when synchronized with UAM.
- C. Passwords are stored in clear text in UAM.
- D. Passwords are checked against the Active Directory during authentication.

Correct Answer: D

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**QUESTION 14**

A network administrator sets up the DHCP relay on an HP Comware Layer 3 device that forwards IP traffic between the VLANs associated with the wireless SSID with these commands.

```
interface Vlan-interface 100
description internet access
ip address 10.1.100.1 255.255.255.0
dhcp select relay
dhcp relay server-select 0
```

What must the administrator configure prior to enabling the DHCP relay to the DHCP server on 10.0.0.200 in the interface vlan-interface 100?

- A ☒ Interface vlan 100  
dhcp relay server-group 0 ip 10.0.0.200
- B ☐ system-view  
dhcp enable  
dhcp relay server-group 0 ip 10.0.0.200
- C ☐ system-view  
dhcp select relay  
dhcp relay server-group 0 ip 10.0.0.200
- D ☐ system-view  
dhcp relay server-group 0 ip 10.0.0.200

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

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## QUESTION 15

When does DHCP fingerprinting of endpoints occur within an HP BYOD solution?

A. when User Access Manager validates the user account

B. when endpoints access the BYOD registration page

C. when endpoints obtain an IP address

D. when endpoints are authenticated

Correct Answer: C

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