

NSE6_FWF-6.4 Dumps

Fortinet NSE 6 - Secure Wireless LAN 6.4

https://www.certleader.com/NSE6_FWF-6.4-dumps.html



NEW QUESTION 1

Refer to the exhibits.

Exhibit A

```
53836.574 xx:xx:xx:xx:xx:xx <ih> IEEE 802.11 mgmt::assoc_req <==
xx:xx:xx:xx:xx:xx ws (0-192.168.5.98:5246) vap Wireless rId 1 wId2
yy:yy:yy:yy:yy:yy

53836.574 xx:xx:xx:xx:xx:xx <ih> xx:xx:xx:xx:xx:xx sta =
0x6311c88, sta->flags = 0x00000001, auth_alg = 0, hapd->splitMac: 1

53836.575 xx:xx:xx:xx:xx:xx <ih> IEEE 802.11 mgmt::assoc_resp <==
xx:xx:xx:xx:xx:xx ws (0-192.168.5.98:5246) vap Wireless rId 1 wId2
yy:yy:yy:yy:yy:yy

53836.575 xx:xx:xx:xx:xx:xx <ih> IEEE 802.11 mgmt::assoc_resp <==
xx:xx:xx:xx:xx:xx ws (0-192.168.5.98:5246) vap Wireless rId 1 wId2
yy:yy:yy:yy:yy:yy

53836.575 xx:xx:xx:xx:xx:xx <dc> STA add xx:xx:xx:xx:xx:xx vap
Wireless ws (0-192.168.5.98:5246) rId 1 wId2 bssid
yy:yy:yy:yy:yy:yy NON-AUTH band 0x10 mimo 2*2

53836.575 xx:xx:xx:xx:xx:xx <cc> STA_CFG_REQ(10) sta
xx:xx:xx:xx:xx:xx add ==> ws (0-192.168.5.98:5246) rId 1 wId 2

53836.576 xx:xx:xx:xx:xx:xx <cc> STA add xx:xx:xx:xx:xx:xx vap
Wireless ws (0-192.168.5.98:5246) rId 1 wId 2 yy:yy:yy:yy:yy:yy sec
WPA2 PERSONAL auth 0

53836.576 xx:xx:xx:xx:xx:xx cwAcStaRbtAdd: I2C_STA_ADD insert sta
xx:xx:xx:xx:xx:xx 192.168.5.98/1/2/1

53836.577 xx:xx:xx:xx:xx:xx <cc> STA_CFG_RESP(10) sta xx:xx:xx:xx:xx:xx
<== ws (0-192.168.5.98:5246) rc 0 (Success)

64318.579 xx:xx:xx:xx:xx:xx <eh> RADIUS message (type=0) ==> RADIUS
Server code=1 (Access-Request) id=9 len=214

64318.579 xx:xx:xx:xx:xx:xx <eh> send 1/4 msg of 4-Way
Handshake

64318.580 xx:xx:xx:xx:xx:xx <eh> send IEEE 802.1X ver=2 type=3
(EAPOL_KEY) data len=95 replay cnt 1

64813.580 xx:xx:xx:xx:xx:xx <eh> IEEE 802.1X (EAPOL99B) ==>
xx:xx:xx:xx:xx:xx ws (0-192.168.5.98:5246) rId 1 wId 2
yy:yy:yy:yy:yy:yy

64318.582 xx:xx:xx:xx:xx:xx <eh> RADIUS message (type=0) <== RADIUS
Server code=2 (Access-Accept) id=9 len=114

53836.582 xx:xx:xx:xx:xx:xx <dc> STA chg xx:xx:xx:xx:xx:xx vap
Wireless ws (0-192.168.5.98:5246) rId 1 wId 2 bssid
yy:yy:yy:yy:yy:yy Auth:allow
```

Exhibit B

```
64813.583 xx:xx:xx:xx:xx:xx <eh> IEEE 802.1X (EAPOL 121B) <==
xx:xx:xx:xx:xx:xx ws (0-192.168.5.98:5246) rId 1 wId2
yy:yy:yy:yy:yy:yy

64813.583 xx:xx:xx:xx:xx:xx <eh>      recv IEEE 802.1X ver=1 type=3
(EAPOL_KEY) data len=117

64813.583 xx:xx:xx:xx:xx:xx <eh>      recv EAPOL-Key 2/4 Pairwise
replay cnt 1

64813.583 xx:xx:xx:xx:xx:xx <eh>      send 3/4 msg of 4-Way
Handshake

64813.584 xx:xx:xx:xx:xx:xx <eh>      send IEEE 802.1X ver=2 type=3
(EAPOL_KEY) data len=151 replay cnt 2

64813.584 xx:xx:xx:xx:xx:xx <eh> IEEE 802.1X (EAPOL 155B) ==>
xx:xx:xx:xx:xx:xx ws (0-192.168.5.98:5246) rId 1 wId2
yy:yy:yy:yy:yy:yy

64813.586 xx:xx:xx:xx:xx:xx <eh> IEEE 802.1X (EAPOL 99B) <==
xx:xx:xx:xx:xx:xx ws (0-192.168.5.98:5246) rId 1 wId2
yy:yy:yy:yy:yy:yy

64813.586 xx:xx:xx:xx:xx:xx <eh>      recv IEEE 802.1X ver=1 type=3
(EAPOL_KEY) data len=35

64813.586 xx:xx:xx:xx:xx:xx <eh>      recv EAPOL-Key 4/4 Pairwise
replay cnt 2

53836.587 xx:xx:xx:xx:xx:xx <dc> STA chg xx:xx:xx:xx:xx:xx vap
Wireless ws (0-192.168.5.98:5246) rId 1 wId2 bssid
yy:yy:yy:yy:yy:yy AUTH

53836.587 xx:xx:xx:xx:xx:xx <cc> STA chg xx:xx:xx:xx:xx:xx vap
Wireless ws (0-192.168.5.98:5246) rId 1 wId2 yy:yy:yy:yy:yy:yy sec
WPA2 PERSONAL auth 1 *****

53836.587 xx:xx:xx:xx:xx:xx <cc> STA_CFG_REQ(12) sta
xx:xx:xx:xx:xx:xx add key (len=16) ==> ws (0-192.168.5.98:5246) rId
1 wId2

53836.589 xx:xx:xx:xx:xx:xx <cc> STA_CFG_REQ(12) xx:xx:xx:xx:xx:xx
<== ws (0-192.168.5.98:5246) rc 0 (Success)

53837.140 xx:xx:xx:xx:xx:xx <dc> DHCP Request server 0.0.0.0 <==
host DESKTOP-CVKGHH mac xx:xx:xx:xx:xx:xx ip 192.168.30.2 xId
88548005

53837.142 xx:xx:xx:xx:xx:xx <dc> DHCP Ack server 192.168.30.1 ==>
host mac xx:xx:xx:xx:xx:xx ip 192.168.30.2 mask 255.255.255.0 gw
192.168.30.1 xId 88548005
```

The exhibits show the diagnose debug log of a station connection taken on the controller CLI. Which security mode is used by the wireless connection?

- A. WPA2 Enterprise
- B. WPA3 Enterprise
- C. WPA2 Personal and radius MAC filtering
- D. Open, with radius MAC filtering

Answer: C

NEW QUESTION 2

Which two configurations are compatible for Wireless Single Sign-On (WSSO)? (Choose two.)

- A. A VAP configured for captive portal authentication
- B. A VAP configured for WPA2 or 3 Enterprise
- C. A VAP configured to authenticate locally on FortiGate

D. A VAP configured to authenticate using a radius server

Answer: BD

Explanation:

In the SSID choose WPA2-Enterprise authentication.

WSSO is RADIUS-based authentication that passes the user's user group memberships to the FortiGate.

NEW QUESTION 3

What type of design model does FortiPlanner use in wireless design project?

- A. Architectural model
- B. Predictive model
- C. Analytical model
- D. Integration model

Answer: B

NEW QUESTION 4

What is the first discovery method used by FortiAP to locate the FortiGate wireless controller in the default configuration?

- A. DHCP
- B. Static
- C. Broadcast
- D. Multicast

Answer: B

NEW QUESTION 5

Where in the controller interface can you find a wireless client's upstream and downstream link rates?

- A. On the AP CLI, using the cw_diag ksta command
- B. On the controller CLI, using the diag wireless-controller wlac -d sta command
- C. On the AP CLI, using the cw_diag -d sta command
- D. On the controller CLI, using the WiFi Client monitor

Answer: A

NEW QUESTION 6

Refer to the exhibit.

Radio 2

Mode

Disabled

Access Point

Dedicated Monitor

WIDS profile

☒

default-wids-apscan-enabled ▼

Radio resource provision

☐

Band

5 GHz

802.11ac/n/a ▼

Channel width

20MHz

40MHz

80MHz

Short guard interval

☐

Channels

☒

 36

☒

 40

☒

 44

☒

 48

☒

 52*

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 56*

☒

 60*

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 64*

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 100*

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 104*

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 108*

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 112*

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 116*

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 120*

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 124*

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 128*

☒

 132*

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 136*

☒

 140*

☒

 144*

☒

 149

☒

 153

☒

 157

☒

 161

☒

 165

TX power control

Auto

Manual

TX power

10

—

17

dBm

SSIDs ⓘ

((·)) Tunnel

Bridge

Manual

Monitor channel utilization

☐

What does the asterisk (*) symbol beside the channel mean?

- A. Indicates channels that can be used only when Radio Resource Provisioning is enabled
- B. Indicates channels that cannot be used because of regulatory channel restrictions
- C. Indicates channels that will be scanned by the Wireless Intrusion Detection System (WIDS)
- D. Indicates channels that are subject to dynamic frequency selection (DFS) regulations

Answer: D

NEW QUESTION 7

Which two statements about distributed automatic radio resource provisioning (DARRP) are correct? (Choose two.)

- A. DARRP performs continuous spectrum analysis to detect sources of interferenc
- B. It uses this information to allow the AP to select the optimum channel.
- C. DARRP performs measurements of the number of BSSIDs and their signal strength (RSSI). The controller then uses this information to select the optimum channel for the AP.
- D. DARRP measurements can be scheduled to occur at specific times.
- E. DARRP requires that wireless intrusion detection (WIDS) be enabled to detect neighboring devices.

Answer: BC

Explanation:

According to Fortinet training: "When using DARRP, the AP selects the best channel available to use based on the scan results of BSSID/receive signal strength (RSSI) to AC" and "To set the running time for DARRP optimization, use the following CLI command within the wireless controller setting: set darrp-optimize {integer}. Note that DARRP doesn't do continuous spectrum analysis..."

NEW QUESTION 8

Which two phases are part of the process to plan a wireless design project? (Choose two.)

- A. Project information phase
- B. Hardware selection phase
- C. Site survey phase
- D. Installation phase

Answer: AC

NEW QUESTION 9

How are wireless clients assigned to a dynamic VLAN configured for hash mode?

- A. Using the current number of wireless clients connected to the SSID and the number of IPs available in the least busy VLAN
- B. Using the current number of wireless clients connected to the SSID and the number of clients allocated to each of the VLANs
- C. Using the current number of wireless clients connected to the SSID and the number of VLANs available in the pool
- D. Using the current number of wireless clients connected to the SSID and the group the FortiAP is a member of

Answer: C

Explanation:

VLAN from the VLAN pool based on a hash of the current number of SSID clients and the number of entries in the VLAN pool.

NEW QUESTION 10

When using FortiPresence as a captive portal, which two types of public authentication services can be used to access guest Wi-Fi? (Choose two.)

- A. Social networks authentication
- B. Software security token authentication
- C. Short message service authentication
- D. Hardware security token authentication

Answer: AC

NEW QUESTION 10

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