

FORTINET



Fortinet NSE 6 Secure Wireless LAN 6.4



EXAMKILLER

Help Pass Your Exam At First Try

Fortinet

Exam NSE6_FWF-6.4

Fortinet NSE 6 - Secure Wireless LAN 6.4

Version: 4.0

[Total Questions: 30]

Question No : 1

Which factor is the best indicator of wireless client connection quality?

- A. Downstream link rate, the connection rate for the AP to the client
- B. The receive signal strength (RSS) of the client at the AP
- C. Upstream link rate, the connection rate for the client to the AP
- D. The channel utilization of the channel the client is using

Answer: C

Question No : 2

Part of the location service registration process is to link FortiAPs in FortiPresence.

Which two management services can configure the discovered AP registration information from the FortiPresence cloud? (Choose two.)

- A. AP Manager
- B. FortiAP Cloud
- C. FortiSwitch
- D. FortiGate

Answer: B,D

Explanation:

FortiGate, FortiCloud wireless access points (send visitor data in the form of station reports directly to FortiPresence)

Reference:

<https://fortinetweb.s3.amazonaws.com/docs.fortinet.com/v2/attachments/df877622-c976-11e9-8977-00505692583a/FortiPresence-v4.3-release-notes.pdf>

Question No : 3

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:

<input checked="" type="checkbox"/> 36	<input checked="" type="checkbox"/> 40	<input checked="" type="checkbox"/> 44
<input checked="" type="checkbox"/> 48	<input checked="" type="checkbox"/> 52*	<input checked="" type="checkbox"/> 56*
<input checked="" type="checkbox"/> 60*	<input checked="" type="checkbox"/> 64*	<input checked="" type="checkbox"/> 100*
<input checked="" type="checkbox"/> 104*	<input checked="" type="checkbox"/> 108*	<input checked="" type="checkbox"/> 112*
<input checked="" type="checkbox"/> 116*	<input checked="" type="checkbox"/> 120*	<input checked="" type="checkbox"/> 124*
<input checked="" type="checkbox"/> 128*	<input checked="" type="checkbox"/> 132*	<input checked="" type="checkbox"/> 136*
<input checked="" type="checkbox"/> 140*	<input checked="" type="checkbox"/> 144*	<input checked="" type="checkbox"/> 149
<input checked="" type="checkbox"/> 153	<input checked="" type="checkbox"/> 157	<input checked="" type="checkbox"/> 161
<input checked="" type="checkbox"/> 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

Question No : 4

A tunnel mode wireless network is configured on a FortiGate wireless controller.

Which task must be completed before the wireless network can be used?

- A. The wireless network interface must be assigned a Layer 3 address
- B. Security Fabric and HTTPS must be enabled on the wireless network interface
- C. The wireless network to Internet firewall policy must be configured
- D. The new network must be manually assigned to a FortiAP profile.

Answer: C

Explanation:

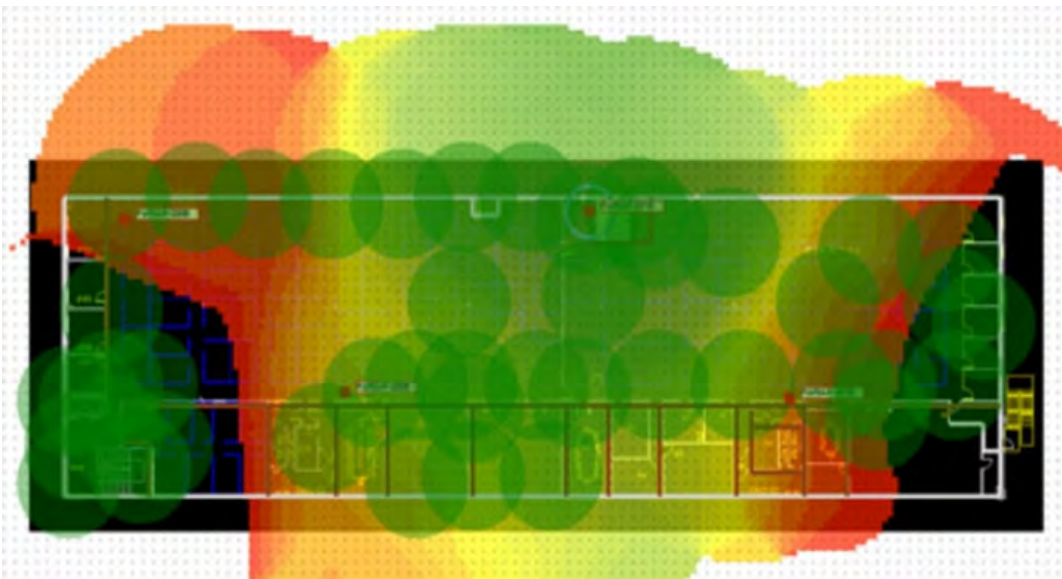
A FortiGate unit is an industry leading enterprise firewall. In addition to consolidating all the functions of a network firewall, IPS, anti-malware, VPN, WAN optimization, Web filtering, and application control in a single platform, FortiGate also has an integrated Wi-Fi controller.

Reference:

https://fortinetweb.s3.amazonaws.com/docs.fortinet.com/v2/attachments/723e20ad-5098-11e9-94bf-00505692583a/FortiWiFi_and_FortiAP-6.2.0-Configuration_Guide.pdf

Question No : 5

Refer to the exhibit.



If the signal is set to -68 dB on the FortiPlanner site survey reading, which statement is correct regarding the coverage area?

- A. Areas with the signal strength equal to -68 dB are zoomed in to provide better visibility
- B. Areas with the signal strength weaker than -68 dB are cut out of the map
- C. Areas with the signal strength equal or stronger than -68 dB are highlighted in multicolor
- D. Areas with the signal strength weaker than -68 dB are highlighted in orange and red to indicate that no signal was propagated by the APs.

Answer: D

Question No : 6

Which administrative access method must be enabled on a FortiGate interface to allow APs to connect and function?

- A. Security Fabric
- B. SSH
- C. HTTPS
- D. FortiTelemetry

Answer: A

Reference:

<https://docs.fortinet.com/document/fortigate/6.2.9/cookbook/788897/configuring-the-root-fortigate-and-downstream-fortigates>

Question No : 7

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

Question No : 8

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

- A. DARRP performs continuous spectrum analysis to detect sources of interference. It uses this information to allow the AP to select the optimum channel.
- B. 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.
- C. DARRP measurements can be scheduled to occur at specific times.
- D. DARRP requires that wireless intrusion detection (WIDS) be enabled to detect

neighboring devices.

Answer: B,C

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..."

Question No : 9

Which statement describes FortiPresence location map functionality?

- A. Provides real-time insight into user movements
- B. Provides real-time insight into user online activity
- C. Provides real-time insight into user purchase activity
- D. Provides real-time insight into user usage stats

Answer: A

Question No : 10

When enabling security fabric on the FortiGate interface to manage FortiAPs, which two types of communication channels are established between FortiGate and FortiAPs? (Choose two.)

- A. Control channels
- B. Security channels
- C. FortLink channels
- D. Data channels

Answer: A,D

Explanation:

The control channel for managing traffic, which is always encrypted by DTLS. | The data channel for carrying client data packets.

Reference:

https://fortinetweb.s3.amazonaws.com/docs.fortinet.com/v2/attachments/ac61f4d3-ce67-11e9-8977-00505692583a/FortiWiFi_and_FortiAP-6.2-Cookbook.pdf