Fortinet.NSE6_FWF-6.4.v2023-03-09.q16

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NEW QUESTION: 1

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

A. HTTPS

B. FortiTelemetry

C. Security Fabric

D. SSH

Answer: (SHOW ANSWER)

NEW QUESTION: 2

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. Software security token authentication

B. Social networks authentication

C. Hardware security token authentication

D. Short message service authentication

Answer: (SHOW ANSWER)

NEW QUESTION: 3

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: ([SHOW ANSWER](#))

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: 4

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

A. Integration model

B. Predictive model

C. Architectural model

D. Analytical model

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

When configuring Auto TX Power control on an AP radio, which two statements best describe how the radio responds? (Choose two.)

A. When the AP detects any interference from a trusted neighboring AP stronger that -70 dBm, it will reduce its transmission power until it reaches the minimum configured TX power limit.

B. When the AP detects PF Interference from an unknown source such as a cordless phone with a signal stronger that -70 dBm, it will increase its transmission power until it reaches the maximum configured TX power limit.

C. When the AP detects any wireless client signal weaker than -70 dBm, it will reduce its transmission power until it reaches the maximum configured TX power limit.

D. When the AP detects any other wireless signal stronger that -70 dBm, it will reduce its transmission power until it reaches the minimum configured TX power limit.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 6

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: A,D ()
DARRP (Distributed Automatic Radio Resource Provisioning) technology ensures the wireless infrastructure is always optimized to deliver maximum performance. Fortinet APs enabled with this advanced feature continuously monitor the RF environment for interference, noise and signals from neighboring APs, enabling the FortiGate WLAN Controller to determine the optimal RF power levels for each AP on the network. When a new AP is provisioned, DARRP also ensures that it chooses the optimal channel, without administrator intervention.

NEW QUESTION: 7
Six APs are located in a remotely based branch office and are managed by a centrally hosted FortiGate. Multiple wireless users frequently connect and roam between the APs in the remote office.
The network they connect to, is secured with WPA2-PSK. As currently configured, the WAN connection between the branch office and the centrally hosted FortiGate is unreliable.
Which configuration would enable the most reliable wireless connectivity for the remote clients?
A. Configure a bridge mode wireless network and enable the Local authentication configuration option
B. Configure a tunnel mode wireless network and enable split tunneling to the local network
C. Install supported FortiAP and configure a bridge mode wireless network
D. Configure a bridge mode wireless network and enable the Local standalone configuration option
Answer: ()

NEW QUESTION: 8
Which of the following is a requirement to generate analytic reports using on-site FortiPresence deployment?
A. SQL services must be running
B. Two wireless APs must be sending data
C. Wireless network security must be set to open
D. DTLS encryption on wireless traffic must be turned off
Answer: ()

NEW QUESTION: 9
Refer to the exhibits.
Exhibit A

```
config wireless-controller wtp
    edit "FPXXXXXXXXXXXXX"
        set admin enable
        set name "Authors AP1"
        set wtp-profile "Authors"
        config radio-1
        end
        config radio-2
        end
    next
    edit "FPXXXXXXXXXXXYYY"
        set admin enable
        set name " Authors AP2"
        set wtp-profile "Authors"
        config radio-1
        end
        config radio-2
        end
    next
    edit "FPXXXXXXXXXXXZZZ"
        set admin enable
        set name " Authors AP3"
        set wtp-profile "Authors"
        config radio-1
        end
        config radio-2
        end
    next
end
```

Exhibit B

```
sh wireless-controller wtp-profile Authors
config wireless-controller wtp-profile
    edit "Authors"
        set comment "APs allocated to authors"
        set handoff-sta-tresh 30
        config radio-1
            set band 802.11n-5G
            set channel-bonding 40MHz
            set auto-power-level enable
            set auto-power-high 12
            set auto-power-low 1
            set vap-all tunnel
        set channel "36" "40" "44" "48" "52" "56"
"60" "64" "100" "104" "108" "112" "116" "120" "124"
"128" "132" "136"
        end
        config radio-2
            set band 802.11n, g-only
            set auto-power-level enable
            set auto-power-high 12
            set auto-power-low 1
            set vap-all tunnel
            set channel "1" "6" "11"
        end
    next
end
config wireless-controller vap
        edit "Authors"
            set ssid "Authors"
            set security wpa2-only-enterprise
            set radius-mac-auth enable
            set radius-mac-auth-server "Main AD"
            set local-bridging enable
            set intra-vap-privacy enable
            set schedule "always"
    next
end
```

A wireless network has been created to support a group of users in a specific area of a building. The wireless network is configured but users are unable to connect to it. The exhibits show the relevant controller configuration for the APs and the wireless network.

Which two configuration changes will resolve the issue? (Choose two.)

A. For both interfaces in the wtp-profile, configure set vaps to be "Authors"

B. Disable intra-vap-privacy for the Authors vap-wireless network

C. For both interfaces in the wtp-profile, configure vap-all to be manual

D. Increase the transmission power of the AP radio interfaces

Answer: (SHOW ANSWER)

NEW QUESTION: 10

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: (SHOW ANSWER)

This geographical data analysis provides real-time insights into user behavior.
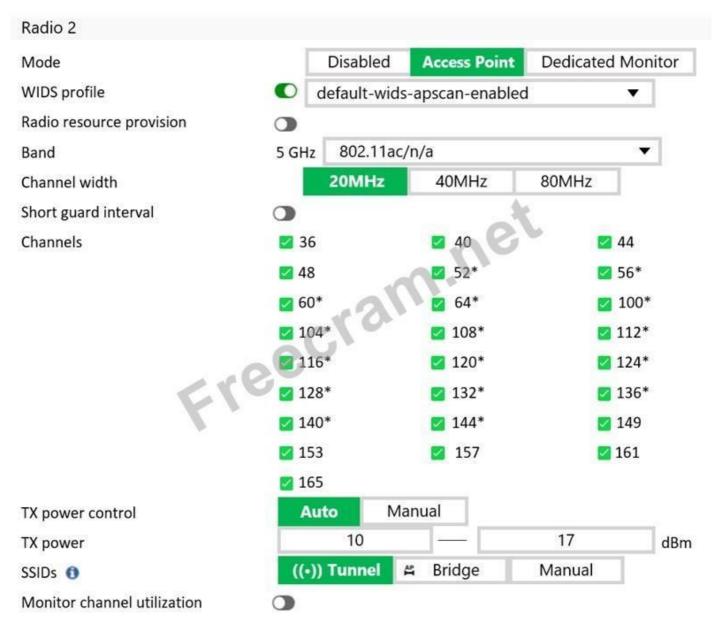

NEW QUESTION: 11

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 -d sta command

B. On the controller CLI, using the WiFi Client monitor

C. On the controller CLI, using the diag wireless-controller wlac -d sta command

D. On the AP CLI, using the cw_diag ksta command

Answer: (SHOW ANSWER)

NEW QUESTION: 12

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* ☑ 56*
	☑ 60* ☑ 64* ☑ 100*
	☑ 104* ☑ 108* ☑ 112*
	☑ 116* ☑ 120* ☑ 124*
	☑ 128* ☑ 132* ☑ 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 will be scanned by the Wireless Intrusion Detection System (WIDS)

B. Indicates channels that are subject to dynamic frequency selection (DFS) regulations

C. Indicates channels that cannot be used because of regulatory channel restrictions

D. Indicates channels that can be used only when Radio Resource Provisioning is enabled

Answer: (SHOW ANSWER)

NEW QUESTION: 13

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 weaker than -68 dB are cut out of the map

B. 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.

C. Areas with the signal strength equal or stronger than -68 dB are highlighted in multicolor

D. Areas with the signal strength equal to -68 dB are zoomed in to provide better visibility

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

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

A. Static

B. DHCP

C. Broadcast

D. Multicast

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

Which two statements about background rogue scanning are correct? (Choose two.)

A. When detecting rogue APs, a dedicated radio configured for background scanning can suppress the rogue AP

B. A dedicated radio configured for background scanning can detect rogue devices on all other channels in its configured frequency band

C. Background rogue scanning requires DARRP to be enabled on the AP instance

D. A dedicated radio configured for background scanning can support the connection of wireless clients
Answer: ([SHOW ANSWER](#))

NEW QUESTION: 16
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: ([SHOW ANSWER](#))
FortiGate, FortiCloud wireless access points (send visitor data in the form of station reports directly to FortiPresence)