

Free Questions for NSE6_FWF-6.4

Shared by Key on 04-10-2024

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Question 1

Question Type: MultipleChoice

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

Options:

- 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 2

Question Type: MultipleChoice

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

Options:

- 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 3

Question Type: MultipleChoice

When configuring a wireless network for dynamic VLAN allocation, which three IETF attributes must be supplied by the radius server?
(Choose three.)

Options:

- A- 81 Tunnel-Private-Group-ID
- B- 65 Tunnel-Medium-Type
- C- 83 Tunnel-Preference
- D- 58 Egress-VLAN-Name
- E- 64 Tunnel-Type

Answer:

A, B, E

Explanation:

The RADIUS user attributes used for the VLAN ID assignment are:

IETF 64 (Tunnel Type)---Set this to VLAN.

IETF 65 (Tunnel Medium Type)---Set this to 802

IETF 81 (Tunnel Private Group ID)---Set this to VLAN ID.

Question 4

Question Type: MultipleChoice

You are investigating a wireless performance issue and you are trying to audit the neighboring APs in the PF environment. You review the Rogue APs widget on the GUI but it is empty, despite the known presence of other APs.

Which configuration change will allow neighboring APs to be successfully detected?

Options:

- A-** Enable Locate WiFi clients when not connected in the relevant AP profiles.
- B-** Enable Monitor channel utilization on the relevant AP profiles.

C- Ensure that all allowed channels are enabled for the AP radios.

D- Enable Radio resource provisioning on the relevant AP profiles.

Answer:

D

Explanation:

The ARRP (Automatic Radio Resource Provisioning) profile improves upon DARRP (Distributed Automatic Radio Resource Provisioning) by allowing more factors to be considered to optimize channel selection among FortiAPs. DARRP uses the neighbor APs channels and signal strength collected from the background scan for channel selection.

Question 5

Question Type: MultipleChoice

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

Options:

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

Answer:

A, C

Question 6

Question Type: MultipleChoice

Refer to the exhibits.

Exhibit A

```
config wireless-controller wtp
  edit "FPXXXXXXXXXXXXXXXX"
    set admin enable
    set name "Authors AP1"
    set wtp-profile "Authors"
    config radio-1
  end
  config radio-2
  end
next
edit "FPXXXXXXXXXXXXYYY"
  set admin enable
  set name " Authors AP2"
  set wtp-profile "Authors"
  config radio-1
  end
  config radio-2
  end
next
edit "FPXXXXXXXXXXXXZZZ"
  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
```

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.)

Options:

- 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:

A, C

Question 7

Question Type: MultipleChoice

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*



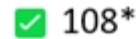
64*



100*



104*



108*



112*



116*



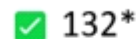
120*



124*



128*



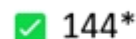
132*



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?

Options:

- 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 8

Question Type: MultipleChoice

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

Options:

- 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

Question 9

Question Type: MultipleChoice

Which two roles does FortiPresence analytics assist in generating presence reports? (Choose two.)

Options:

- A- Gathering details about on site visitors
- B- Predicting the number of guest users visiting on-site
- C- Comparing current data with historical records

D- Reporting potential threats by guests on site

Answer:

A, C

Question 10

Question Type: MultipleChoice

As standard best practice, which configuration should be performed before configuring FortiAPs using a FortiGate wireless controller?

Options:

A- Create wireless LAN specific policies

B- Preauthorize APs

C- Create a custom AP profile

D- Set the wireless controller country setting

Answer:

D

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