



**Vendor:** Juniper

**Exam Code:** JN0-250

**Exam Name:** Mist AI, Associate (JNCIA-MistAI)

**Version:** DEMO

#### QUESTION 1

When designing for a multiple frequency deployment (5 GHz and 2.4 GHz), which statement is correct?

- A. The coverage of the multiple bands at the same power will be identical.
- B. 5 GHz is a higher frequency and so will travel further and penetrate walls better.
- C. 5 GHz should generally be used for planning.
- D. 802.11ac is available in both frequency bands so the design frequency is not important.

**Answer: B**

**Explanation:**

Reference:

[https://www.grandstream.com/hubfs/Product\\_Documentation/WP820\\_WiFi\\_Roaming\\_Application\\_Note.pdf](https://www.grandstream.com/hubfs/Product_Documentation/WP820_WiFi_Roaming_Application_Note.pdf)

#### QUESTION 2

A Mist access point is booting up, and will soon receive a channel assignment from the Mist Cloud.

The channel assigned by the cloud is a DFS channel.

In this scenario, what must the AP do before broadcasting an SSID on the channel?

- A. Validate client device support.
- B. Listen for radar.
- C. Transmit radar pulses for 60 seconds.
- D. Validate available non-DFS channels.

**Answer: B**

**Explanation:**

Reference: <http://wifinigel.blogspot.com/2018/05/the-5ghz-problem-for-wi-fi-networks-dfs.html>

#### QUESTION 3

How should you design a WLAN to ensure optimal performance?

- A. Place one access point in every room and allow RRM to tune the power and channel settings.
- B. Use RF modelling software to design a WLAN to satisfy customer requirements.
- C. Initially install 4-8 access points, then use the Mist capacity SLE to determine the remaining access point placements.
- D. Place an access point every 8-15 meters in all areas requiring coverage.

**Answer: B**

**Explanation:**

Reference: <https://www.mist.com/design-your-wi-fi/>

#### QUESTION 4

Which statement is correct about the Mist API?

- A. Proprietary tools are required to use the Mist API.
- B. The Mist API is part of the basic subscription.
- C. You need one AP connected to use the Mist API.
- D. The Mist API requires calling support for access.

**Answer:** A

**Explanation:**

Reference: <https://www.juniper.net/assets/jp/jp/local/pdf/additional-resources/mist-ai-for-it-interop2020.pdf>

#### **QUESTION 5**

What is the base subscription required to get started with a Mist access point?

- A. Wi-Fi Management and Assurance
- B. Virtual Network Assistant
- C. Premium Analytics
- D. Mist Edge

**Answer:** A

**Explanation:**

Reference: <https://www.mist.com/resources/ap41-access-point/>

#### **QUESTION 6**

Which SLE would you use to determine Wi-Fi interference?

- A. AP Uptime
- B. Roaming
- C. Successful Connects
- D. Capacity

**Answer:** D

**Explanation:**

Reference: <https://www.mist.com/documentation/service-level-expectations-sle/>

#### **QUESTION 7**

You configured an 802.11n AP to use the 2.4 GHz frequency band and 20 MHz channel width. In this scenario, how many non-overlapping channels are available for clients to use in Europe?

- A. 11
- B. 4
- C. 1
- D. 6

**Answer:** B

#### **QUESTION 8**

What would cause 5 GHz interference?

- A. Bluetooth
- B. a wireless video camera
- C. BLE
- D. a microwave oven

**Answer: B**

**Explanation:**

Reference:

<https://help.keenetic.com/hc/en-us/articles/213968709-What-affects-Wi-Fi-networks-The-possible-sources-of-interference>

#### QUESTION 9

What happens if your Juniper Mist subscriptions expire?

- A. Devices are bricked.
- B. Access to the UI will be shut off.
- C. Devices remain operational but cannot make any further configuration changes.
- D. Devices will be randomly turned off and on.

**Answer: C**

**Explanation:**

Reference:

<https://www.mist.com/documentation/subscriptions-and-activations/#:~:text=After%20subscriptions%20are%20expired%2C%20the,be%20active%20withi n%2090%20days>

#### QUESTION 10

Which statement is correct about Wi-Fi?

- A. Wi-Fi operates at full-multiplex.
- B. Only two devices can transmit on the same channel at the same time.
- C. A user device can be connected on multiple frequency bands at the same time.
- D. Wi-Fi operates at half-duplex.

**Answer: D**

**Explanation:**

Reference:

<https://community.meraki.com/t5/Wireless-LAN/Why-can-t-WiFi-work-as-full-duplex-while-3G-and-4G-can/td-p/74017>

#### QUESTION 11

What would cause reduced Wi-Fi performance?

- A. using 40 MHz channels on 5 GHz
- B. using a PSK
- C. using a single SSID
- D. using too many SSIDs

**Answer: D**

**Explanation:**

Reference: <https://syntechnologies.co.uk/blog/too-many-access-points>

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