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Mist AI. Specialist (JNCIS-MistAI)

Juniper JN0-450

Version Demo

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QUESTION NO: 1

Which two statements are correct about switch adoption? (Choose two.)

- A. Greenfield switch adoption requires cloud-enabled switches with a claim or activation code.
- B. Switch adoption uses SSH over TCP port 443.
- C. Switch adoption requires Mist AP.
- D. Brownfield switch adoption requires manual adoption and is used for switches that do not have a claim or activation code.

ANSWER: A D

Explanation:

Reference: https://www.juniper.net/documentation/en_US/release-independent/nce/topics/example/nce-177-day0-mist-with-ex-switches.html

QUESTION NO: 2

You placed an AP on a map and applied an Asset Visibility license to a MIST AP. In this scenario, what will be the effect on the BLE array?

- A. The BLE array will be disabled.
- B. The BLE array will be able to transmit and receive.
- C. The BLE array will be in listen mode only.
- D. The BLE array will be in transmit mode only.

ANSWER: B

Explanation:

Reference: <https://www.mist.com/documentation/where-is-ble-controlled/>

Bluetooth based Location Services

- ☒ vBLE Engagement
- ☒ App Wakeup
- ☒ Asset Visibility

- Selecting vBLE Engagement will enable the vBLE array for all AP's on this site, they will **all** be transmitting.
- Selecting asset Visibility will also make the vBLE array a listener
 - When both are selected the AP's are splitting their time between listening and transmitting
 - If only Asset Visibility is checked then they are all listening

QUESTION NO: 3

What information would be streamed through webhooks? (Choose two.)

- A. location coordinates of RFID tags
- B. alerts
- C. SLE metrics of clients
- D. audit logs

ANSWER: A D

Explanation:

Reference: <https://www.mist.com/documentation/webhooks/>

QUESTION NO: 4

Which statement is correct regarding the Mist UI?

- A. The Mist UI is used to manage network devices.
- B. The Mist UI is used to distribute routes between your wireless and physical networks.
- C. The Mist UI is used by clients to connect to wireless networks.
- D. The Mist UI is used by cloud providers to provision VMs.

ANSWER: A

QUESTION NO: 5

Which two statements are correct when determining AP placement in the Mist UI? (Choose two.)

- A. The AP height must be recorded correctly.
- B. Use vBeacons to simulate user locations while verifying network coverage.
- C. The floor plan map size should be properly scaled.
- D. You must ensure that the floor plan map is oriented to face true north.

ANSWER: A C

Explanation:

Reference: <https://www.mist.com/documentation/good-location-setup/>

Set AP Orientation

1. Click **unlock for editing**, select the AP for which you want to set the orientation, and rotate the small green dot on the outer ring of the selected AP.
2. You can also select all APs and set all selected APs orientation in the "edit" section for a quick mass orientation edit.

AP orientation is a crucial part of location accuracy. Wherever the AP's LED is pointing in relation to the map's perspective, that AP's orientation (or rotation) in the UI must match its orientation in the real world. If done incorrectly, the location engine will place your client's location somewhere else.

Please note your map does not have to face true north. The easiest way to determine the AP's orientation is to find a reference point on the floor plan when comparing the UI with the real world.

When setting the orientation in the UI, make sure the small green dot points in the same direction as the AP's LED. A good tip is to orient all of the APs in a common space in the same direction, as this makes it easier to spot problems down the road.

Imagine drawing a line from the Mist logo towards the LED and continuing drawing that line past the LED. This is your imaginary line of where the LED is facing.

Set AP Height

1. Select **Live View** from the **Location** side navigation menu.
2. Select the site and floor plan you want to scale.
3. Select the AP you want to set the height and click **Quick Edit**.
4. You can now change the height of the AP

AP height is the last step in the initial deployment process and is important because the location engine takes this information into account for machine learning.

QUESTION NO: 6

What does Mist's patented 16-element vBLE Antenna Array do when "engagement" is enabled?

- A. performs radio resource management
- B. locates Wi-Fi assets
- C. transmits unique and directional BLE beams
- D. performs personal pre-shared key sharing

ANSWER: C

Explanation:

Reference: <https://www.mist.com/resources/ap61-access-point/>

High accuracy indoor location

The AP61 has a 16-element Virtual Bluetooth LE (vBLE) antenna array controlled from the Mist Cloud. Passive antennas enhance the power of a single transmitter and produce directional beams to accurately detect distance and location with 1 to 3 meter accuracy. With Mist's patented vBLE technology, you can deploy an unlimited amount of virtual beacons in your physical environment without requiring battery powered BLE beacons.

QUESTION NO: 7

Which three switch testing tools are available when using Wired Assurance? (Choose three.)

- A. bounce port
- B. iPerf
- C. ping
- D. load factory-default
- E. cable test

ANSWER: A C E

Explanation:

Reference: <https://www.mist.com/documentation/switch-testing-tools/>

QUESTION NO: 8

Which statement is correct about wireless assurance?

- A. Wireless assurance is a legacy WLAN construct that is difficult to use.
- B. Wireless assurance can be used to proactively optimize WLAN performance.
- C. Wireless assurance is used by clients to ensure that a Wi-Fi connection is stable and reliable before joining.
- D. Wireless assurance does not require a subscription.

ANSWER: B

Explanation:

Reference: <https://www.juniper.net/us/en/products/cloud-services/wi-fi-assurance.html>

Key Features

- Proactive optimization of wireless performance
- Simple and secure access to resources
- Dynamic packet capture for troubleshooting
- Proactive root-cause identification
- Network automation with APIs

QUESTION NO: 9

A WxLAN policy does not appear to be working as intended. You determine that a rule further down the list is not being executed. What is the problem in this scenario?

- A. The external policy server has intermittent connectivity to the dashboard.
- B. There is a problem with the labels.
- C. The WxLAN policy supports a limited number of rules; you have too many rules.
- D. The first rule in the list that matches will execute; the other rules will not be considered.

ANSWER: D

Explanation:

Reference: <https://www.mist.com/documentation/wxlan-policy/>

Common issues:

- 1) ALL labels on the left side of policy must match for the rule to be considered.
- 2) The first rule (moving down sequentially) that matches will execute. The others won't be considered.

QUESTION NO: 10

What are three ways to claim an AP? (Choose three.)

- A. Enter the order ID.
- B. Enter the AP serial number.
- C. Enter the activation code.
- D. Use the Mist AI application.
- E. Enter the AP claim code.

ANSWER: C D E**Explanation:**

Reference: <https://www.mist.com/documentation/claiming-aps/>