

Juniper

Exam Questions JN0-452

Mist AI Wireless - Specialist (JNCIS-MistAI-Wireless)



NEW QUESTION 1

Click the Exhibit button.

Referring to the exhibit, which statement is correct?

- A. The packet capture was taken automatically.
- B. The packet capture was taken manually.
- C. The packet capture will contain full frames.
- D. The packet capture will contain only management frames.

Answer: A

NEW QUESTION 2

All the access points (APs) on the site will obtain an IP address for the Management VLAN. You notice an additional IP address for each configured VLAN on the AP.

Which statement is correct in this scenario?

- A. The AP is configured to support wireless mesh.
- B. This behavior is enabled by default under the Site configuration.
- C. The Local Status Page has been enabled in the AP setting under the Site configuration.
- D. The AP MAC has a DHCP reservation.

Answer: C

NEW QUESTION 3

Click the Exhibit button.



Name	Access	Site Access
Post-Install	Observer	All Sites

Referring to the exhibit, which statement is correct about the Post-Install user's role?

- A. It is used for help desk monitoring and workflow for all sites.
- B. It has access limited to installing APs and switches at all sites.
- C. It has read-only access to all sites.
- D. It has full access to all sites.

Answer: B

Explanation:

the Post-Install user role is also known as Installer role, which has a minimum level of access to the org, sites, and APs. It can do the initial installation such as claim AP to Org, assign/unassign AP, or place on map, etc., but cannot unclaim or remove the AP from the Org. Site and AP access is allowed based on timed grace period and/or explicit site access.

<https://www.mist.com/documentation/mist-ai-mobile-app/>

NEW QUESTION 4

Refer to Exhibit:

← Events: DHCP is Unresponsive

Event Summary

DHCP servers are not responding to requests. 3 devices are impacted by the outage.

Start: Jun 10, 2024 9:40:07 PM | End: ongoing

Event Actions

Acknowledge

Emps Administrators

SMS Administrators

Automatic Actions Performed:

Relevant Details

Contributing Events

3

Network and PACE events contributed to this analysis

Timestamp	Event
Jun 10, 2024 9:40:07 PM	DHCP Server 10.107.141.11 is not responding
Jun 10, 2024 9:40:59 PM	DHCP Server 10.107.141.11 is impacting additional clients
Jun 10, 2024 10:07:17 PM	DHCP Server 10.107.141.11 is impacting additional clients

You notice that your site events show an unresponsive DHCP server in your network. You want to analyze the event by using the dynamic packet capture. Referring to the exhibit, how would you access the packet capture for further analysis in Wireshark?

- A. Verify the impacted site and use the corresponding organization event to fetch the automatically generated packet capture.
- B. Verify the impacted site and use the corresponding site event to fetch the automatically generated packet capture.
- C. Verify the impacted client and use the corresponding site event to fetch the automatically generated packet capture.
- D. Verify the impacted client and use the corresponding client event to fetch the automatically generated packet capture.

Answer: B

NEW QUESTION 5

A wireless client tries to use the highest modulation method available to have optimal throughput. When the wireless client moves further away from the access point, the signal is not strong enough. Consequently, it will step down the speed based on the modulation available at that distance from the AP. Which mechanism would explain this scenario?

- A. Received signal strength indicator
- B. Signal-to-noise ratio
- C. Dynamic rate shifting
- D. Free space path loss

Answer: C

Explanation:

In Juniper Networks Mist AI Wireless, the behavior described in this scenario is explained by dynamic rate shifting. Dynamic rate shifting is the mechanism by which a wireless client and access point automatically adjust the modulation and coding scheme (MCS) based on current RF conditions to maintain a reliable connection. When a client is close to an access point, RF conditions are optimal—high RSSI, high signal-to-noise ratio (SNR), and low error rates—allowing the client to use higher-order modulation schemes such as 1024-QAM (in 802.11ax). These modulation schemes deliver higher throughput but require very clean RF conditions. As the client moves farther away from the AP, signal strength decreases and noise becomes more impactful, increasing frame errors and retransmissions. Dynamic rate shifting continuously evaluates transmission success, retry rates, and acknowledgments. When errors increase, the client steps down to lower modulation rates (for example, from 1024-QAM to 256-QAM or 64-QAM) that are more resilient to reduced signal quality. This trade-off sacrifices peak throughput in favor of connection stability and reliability.

The other options describe contributing factors, but not the mechanism itself:

RSSI indicates signal strength but does not control rate selection.

SNR influences modulation decisions but is not the adaptive process.

Free space path loss explains why signal weakens over distance but does not describe how rates are adjusted.

Mist AI Wireless monitors modulation rates, retries, and throughput via advanced telemetry and uses this data in Wireless Assurance SLEs to highlight RF and performance issues. However, the actual process of stepping up or down transmission rates in response to changing RF conditions is governed by dynamic rate shifting.

Therefore, the correct answer is C. Dynamic rate shifting.

NEW QUESTION 6

At which signal strength level range will an extra AP placed on the same channel cause co-channel contention?

- A. -45 dBm to -65 dBm
- B. -55 dBm to -80 dBm
- C. -25 dBm to -80 dBm
- D. -65 dBm to -85 dBm

Answer: A

NEW QUESTION 7

You must define VLANs as untagged, tagged, or using VLAN pooling.

In this scenario, where would you accomplish this task in the Juniper Mist UI?

- A. site settings
- B. WLAN settings
- C. organization settings
- D. policy settings

Answer: B

NEW QUESTION 8

According to the 802.11 standard, how wide are 2.4 GHz band OFDM channels?

- A. 5 MHz
- B. 22 MHz
- C. 20 MHz
- D. 3 MHz

Answer: C

NEW QUESTION 9

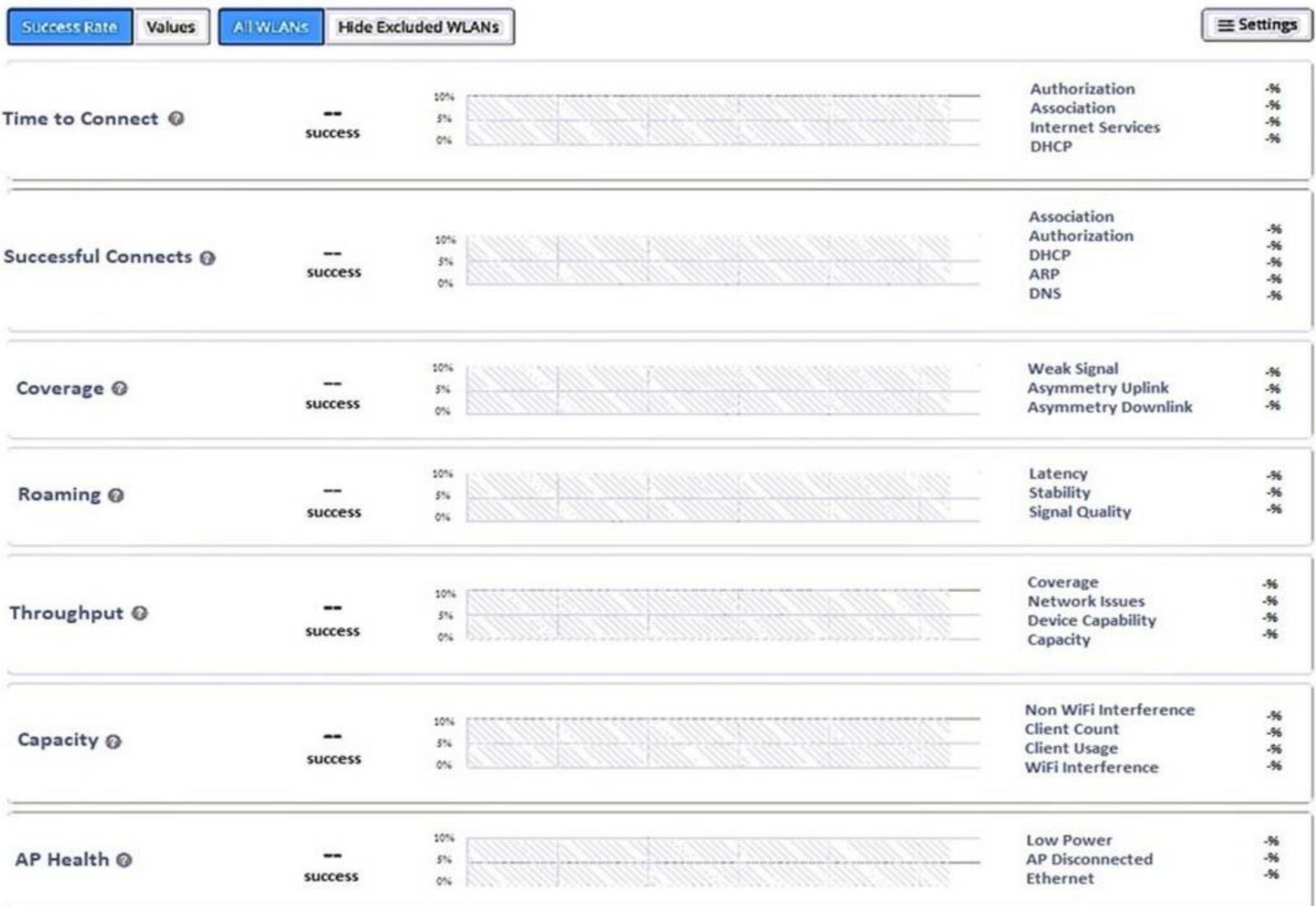
Referring to the exhibit, what are two reasons why a Mist AP would have multiple IP addresses? (Choose two.)

- A. One IP address is used for control traffic and one address is used for management traffic.
- B. The Local Status Page is enabled in the site settings.
- C. One IP address is used for redundancy.
- D. A guest portal is configured on a tagged VLAN.

Answer: BD

NEW QUESTION 10

Click the Exhibit button.



Users are occasionally having problems connecting to the Internet using Wi-Fi. You suspect possible interference from a neighboring Wi-Fi network. Referring to the exhibit, which Wi-Fi Assurance SLE and classifier would provide information about this issue?

- A. Throughput and Network Issues
- B. Capacity and Non Wi-Fi Interference
- C. Coverage and Weak Signal
- D. Capacity and Wi-Fi Interference

Answer: D

NEW QUESTION 10

Your organization has recently purchased new VoIP handsets. All of the VoIP handsets fail to connect to the corporate WLAN. However, all other devices connect successfully. You expect that there might be a bug with the new handsets. The vendor asks you to provide a pcap file of the handsets?? connection attempts. Which Juniper Mist feature will provide this file?

- A. Dynamic Packet Capture
- B. Service Level Expectations
- C. Clients Insights
- D. Alerts dashboard

Answer: D

Explanation:

According to the Cisco Catalyst 9800 Series Wireless Controller Software Configuration Guide2, Dynamic Packet Capture is a feature that enables capturing packets from a client device and downloading them as a pcap file. This file can be used for troubleshooting purposes or sent to a vendor for analysis. [References: https://www.cisco.com/c/en/us/td/docs/wireless/controller/9800/17-2/config-guide/b_wl_17_2_cg/dynamic_packet_capture.html, ,]

NEW QUESTION 12

What is the impact of adding more SSIDs to a radio?

- A. beacon overhead
- B. less secure
- C. less BSSIDs reserved for a mesh network
- D. channel overlap

Answer: A

NEW QUESTION 15

Under which hierarchy level would you create a new site configuration?

- A. clients
- B. location
- C. access points
- D. organization

Answer: B

NEW QUESTION 18

You want to review the roaming activity of a specific wireless client. In this scenario, which two Marvis features would you use to accomplish this task? (Choose two.)

- A. Marvis Actions
- B. Marvis Minis
- C. Marvis Query Language
- D. Marvis Virtual Network Assistant

Answer: CD

NEW QUESTION 19

Which two Mist Aps would be used for BLE location? (Choose two.)

- A. AP12
- B. AP33
- C. AP32
- D. AP43

Answer: BD

NEW QUESTION 23

What is the method of claiming multiple Juniper Access Points simultaneously to an organization?

- A. Use an activation code.
- B. Use a QR code.
- C. Use a digital certificate.
- D. Use the Juniper Mist Mobile Application.

Answer: A

Explanation:

In Juniper Networks Mist AI Wireless, access points must be claimed to an organization in the Mist cloud before they can be configured, monitored, and managed. When deploying APs at scale, Juniper provides an efficient mechanism to onboard multiple access points simultaneously using an activation code. An activation code is a bulk-claim method generated within the Mist cloud portal. This code is typically associated with a purchase order or shipment and can represent dozens, hundreds, or even thousands of access points. When the activation code is applied to an organization, all APs tied to that code are automatically claimed at once. This approach is especially valuable for enterprise and campus deployments, where manual per-device onboarding would be impractical. Once claimed using an activation code, APs can be assigned to sites, receive configurations, and leverage Zero-Touch Provisioning (ZTP). As soon as the APs obtain network connectivity and reach the Mist cloud, they automatically download their configuration and become operational without further manual intervention. The other options are incorrect for the following reasons: QR codes are used for claiming individual APs, typically during small deployments or troubleshooting scenarios. Digital certificates are used for secure authentication and communication but are not a method for claiming APs to an organization. The Juniper Mist Mobile Application can assist with onboarding and visibility but does not provide a bulk-claim mechanism for large numbers of APs. Therefore, the correct and documented method for claiming multiple Juniper Access Points simultaneously is to use an activation code, making option A the correct answer.

NEW QUESTION 26

Which Wireless Assurance SLE provides information on whether a user is able to associate to the WLAN?

- A. Successful Connect
- B. Capacity
- C. Roaming
- D. Throughput

Answer: A

NEW QUESTION 30

A client has a poor Wi-Fi experience when moving around in an office. In this scenario, which Marvis Query Language clause would help troubleshoot the problem?

- A. STATUSOF
- B. ROAMINGOF
- C. UTILIZATIONOF
- D. RANK

Answer: B

Explanation:

In the Juniper Mist AI ecosystem, troubleshooting the mobility experience of a user requires analyzing the transitions between Access Points (APs). When a client reports a "poor experience when moving," it almost always points to a breakdown in the roaming process, such as sticky clients (devices that refuse to move to a

closer AP), slow handoffs, or authentication failures during a roam. The Marvis Query Language (MQL) provides a conversational and structured way to extract this specific data using the ROAMINGOF clause.

The ROAMINGOF clause is designed to filter the massive amount of telemetry collected by Mist and focus specifically on the events surrounding a client's transition from one radio to another. When you execute a query like "Roaming of [Client Name]," Marvis returns a detailed visualization of the client's journey. This includes the signal strength (RSSI) at the time of the roam, the duration of the handoff, and whether the roam was "successful," "slow," or "failed".

By using this clause, an administrator can quickly identify if the "poor experience" is caused by poor overlap (where RSSI drops too low before a new AP is found) or if the client is holding onto a distant AP (sticky client behavior). Other clauses like STATUSOF (A) are used for general health checks, UTILIZATIONOF (C) tracks radio or site traffic levels, and RANK (D) is typically used to identify the best or worst performing entities (like "Rank APs by interference").

Only ROAMINGOF provides the temporal and spatial correlation needed to fix issues specifically related to user movement within the office environment.

NEW QUESTION 35

You discover that some clients do not use all channels in the 5 GHz UNII-2 Extended frequency band and you have made the appropriate adjustments in the RF template. How do you implement these changes?

- A. Optimize the frequency by selecting Optimize Now.
- B. Restart the WLANs.
- C. Restart the APs.
- D. Restart the clients.

Answer: A

NEW QUESTION 40

You are asked to clone your Juniper Mist primary site configuration to use for a new site being added. In this scenario, which two configuration objects will be copied? (Choose two.)

- A. the Auto Firmware Upgrade settings
- B. the RF templates
- C. the site location
- D. the WLANs

Answer: AB

NEW QUESTION 44

Which Juniper AP is used to augment BLE coverage?

- A. BT111
- B. AP12
- C. AP242
- D. AP343

Answer: A

NEW QUESTION 47

What are two 802.11 MAC frame types? (Choose two.)

- A. control
- B. SSID
- C. management
- D. BSSID

Answer: AC

Explanation:

[Reference: <https://howiwifi.com/2020/07/13/802-11-frame-types-and-formats/#:~:text=There%20are%20three%20types%20of,the%20layer%203%2D7%20information>, According to the Lecture 4 - MAC Layer - Part 1 document, two 802.11 MAC frame types are: Control, which is used to coordinate access to the wireless medium and acknowledge successful transmissions., Management, which is used to establish and maintain associations between devices and perform functions such as authentication, scanning, and roaming., References: <http://faculty.georgebrown.ca/~jolenewa/courses/comp3049-intermediate-wirel/lecture-4—mac-layer.pdf>, ,]

NEW QUESTION 50

Which statement is true about passive scanning for access point (AP) discovery?

- A. The client waits and listens for beacon frames advertised by an AP.
- B. The client must send a probe request to discover nearby APs.
- C. The client can use wildcards to try to discover all nearby APs that responds.
- D. The client sends a probe request to a specific service set identifier (SSID).

Answer: A

Explanation:

In 802.11 wireless networking and the Juniper Mist ecosystem, Passive Scanning is one of the two primary methods a client station (STA) uses to discover available wireless networks. In this mode, the client radio does not transmit any data to find an Access Point. Instead, it "waits and listens" on each supported channel for a specific period of time to hear Beacon Frames.

Beacons are management frames sent periodically by an AP (typically every 100ms) to announce the presence and capabilities of a Basic Service Set (BSS). These frames contain critical information such as the SSID (Network Name), supported data rates, security protocols (RSN), and PHY requirements. Because the client only needs to keep its receiver active and does not have to power up its transmitter to send probe requests, passive scanning is significantly more power-efficient than active scanning, making it ideal for battery-constrained IoT devices.

However, the trade-off for this power efficiency is time. Since a client must stay on each channel long enough to guarantee it hears a beacon (at least one full

beacon interval), scanning the entire 2.4 GHz, 5 GHz, and 6 GHz spectrum can take several seconds. In contrast, Active Scanning (options B, C, and D) involves the client sending Probe Requests (either wildcard/null or directed to a specific SSID) and waiting for a much shorter period for a Probe Response. From a Mist AI perspective, the dedicated scanning radio in Mist APs (like the AP43/AP45) performs its own version of passive and active scanning to build a complete map of the RF environment. This data is used by Marvisto to detect "Neighbor" and "Honeypot" APs. While most modern mobile clients prefer active scanning to speed up the discovery and roaming process, passive scanning remains a fundamental requirement—especially on DFS channels where regulatory rules prohibit a client from transmitting until it has first "listened" to confirm no radar is present.

NEW QUESTION 55

A customer is replacing their previous WLAN controller with a Mist Edge to maintain centralization of user traffic. How does Mist Edge affect control plane forwarding and data plane forwarding in this scenario?

- A. Control plane forwarding applies to the Mist Cloud and data plane forwarding applies to the Mist Edge.
- B. Control plane forwarding applies to the Mist Edge and data plane forwarding applies to the Mist Edge.
- C. Control plane forwarding applies to the Mist Cloud and data plane forwarding applies to the Mist Cloud.
- D. Control plane forwarding applies to the Mist Edge and data plane forwarding applies to the Mist Cloud.

Answer: A

NEW QUESTION 60

Which Wireless Assurance SLE provides information on Opportunistic Key Caching (OKC)?

- A. Time to Connect
- B. Roaming
- C. Coverage
- D. Capacity

Answer: B

NEW QUESTION 65

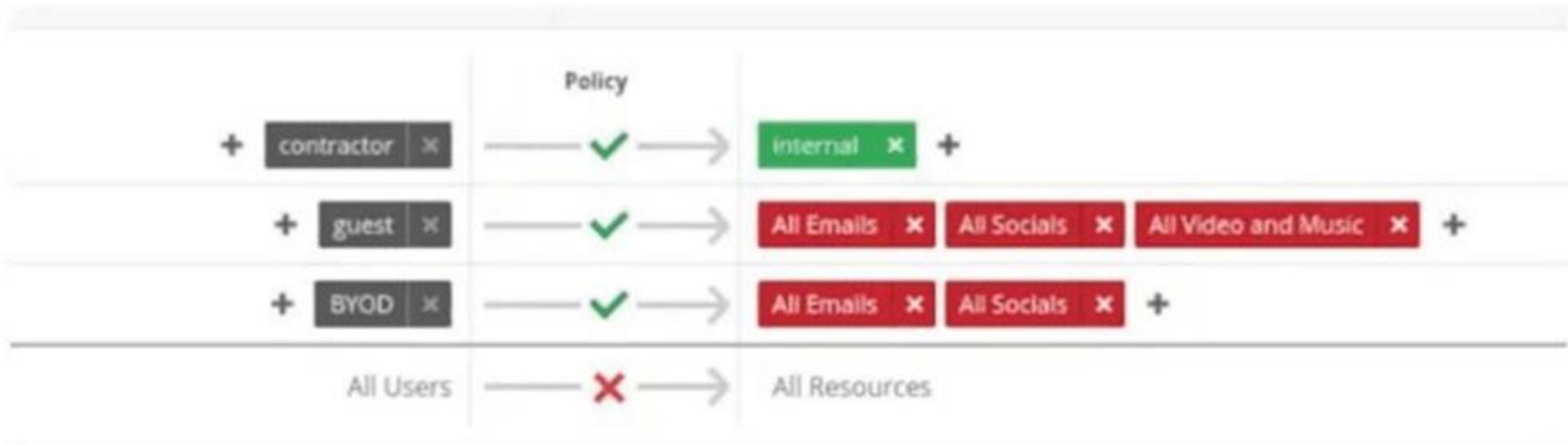
Referring to the exhibit, what is the site ID?

- A. 9777c1a0-6ef6-11e6-8bbf-02e208b2d34
- B. 02e208b2d34
- C. 02e208b2d34f
- D. 978c48e6-6ef6-11e6-8bbf-02e208b2d34f

Answer: D

NEW QUESTION 68

Exhibit:



Your colleagues report that they are unable to browse tutorials needed for work located at youtube.com when using their BYOD devices. When using a guest device, they are able to access youtube.com.

In this scenario, how would you allow BYOD colleagues to access youtube.com using the WxLAN policies?

- A. Delete the WxLAN policy for guests and add the guest label to the policy for BYOD.
- B. Move the WxLAN policy for guests above the policy for contractor.
- C. Delete the WxLAN policy for BYOD and add the BYOD label to the policy for guests.
- D. Move the WxLAN policy for BYOD above the policy for guests.

Answer: D

NEW QUESTION 71

Which two authentication methods would be used with a guest portal? (Choose two.)

- A. social login
- B. external portal
- C. RSA
- D. Kerberos

Answer: AB

NEW QUESTION 76

Your customer added an Apple TV in their conference room so that employees can easily share their screen. However, the Apple TV cannot be discovered by the employees' devices.

Which two settings are causing the problem? (Choose two.)

- A. MDNS
- B. Broadcast/Multicast
- C. Ignore Broadcast SSID Probe Requests
- D. ARP

Answer: AB

NEW QUESTION 80

You are using location-based services (LBS) at a new warehouse and placed the APs on the floor plan with the correct scale. The APs are mounted on trusses, 14 feet (4.3 meters) from the floor.

Which two actions ensure correct location accuracy in this scenario? (Choose two.)

- A. Install Virtual Beacons in each aisle.
- B. Configure the height of each AP.
- C. Determine the orientation of each AP.
- D. Disable the 2.4 GHz Wi-Fi radios to reduce interference.

Answer: AB

NEW QUESTION 83

You are the only tenant in a building that has Wi-Fi. At times, the Wi-Fi network appears to be slow and you want to determine if the microwave oven is causing an issue because it is used throughout the day. Which SLE metric and classifier should you look at to determine the issue?

- A. throughput/network issues
- B. capacity/wifi interference
- C. throughput/coverage
- D. capacity/non-wifi interference

Answer: D

NEW QUESTION 84

Click the Exhibit button.

The screenshot shows a 'Policy' configuration page for 'site test site - Juniper'. It displays a table of 'Site Policies' with the following data:

No.	User (matching ALL Labels)	Policy	Resource (matching ANY Label)	Usage (No. Sessions)
1	+ Guest users x	✓	Gmail x Slack x +	0
Last	All Users	✓	All Resources	...

Referring to the exhibit, what would a guest user be able to do?

- A. Use Gmail and Slack.
- B. Use the Internet, except for Gmail and Slack.
- C. Use the HP Printer and Internet.
- D. Use only the Intranet.

Answer: B

NEW QUESTION 85

A retail customer has legacy 2.4 GHz scanners that need to connect to the WLAN, but they are not connecting. Which WLAN data rate setting is required for these devices to connect?

- A. Custom Rates
- B. Compatible
- C. High Density
- D. No Legacy

Answer: B

NEW QUESTION 87

Which two statements correctly describe an extended service set (ESS)? (Choose two.)

- A. Each BSS within the ESS share a common BSSID.
- B. Each BSS within the ESS has its own unique BSSID.
- C. The SSID is common across all BSSs within the ESS.

D. The SSID is unique across all BSSs within the ESS.

Answer: BC

NEW QUESTION 92

You are asked to forward event messages from Mist to an external log collector. In this scenario, which feature would enable this capability?

- A. syslog
- B. webhooks
- C. NETCONF
- D. SNMP traps

Answer: A

Explanation:

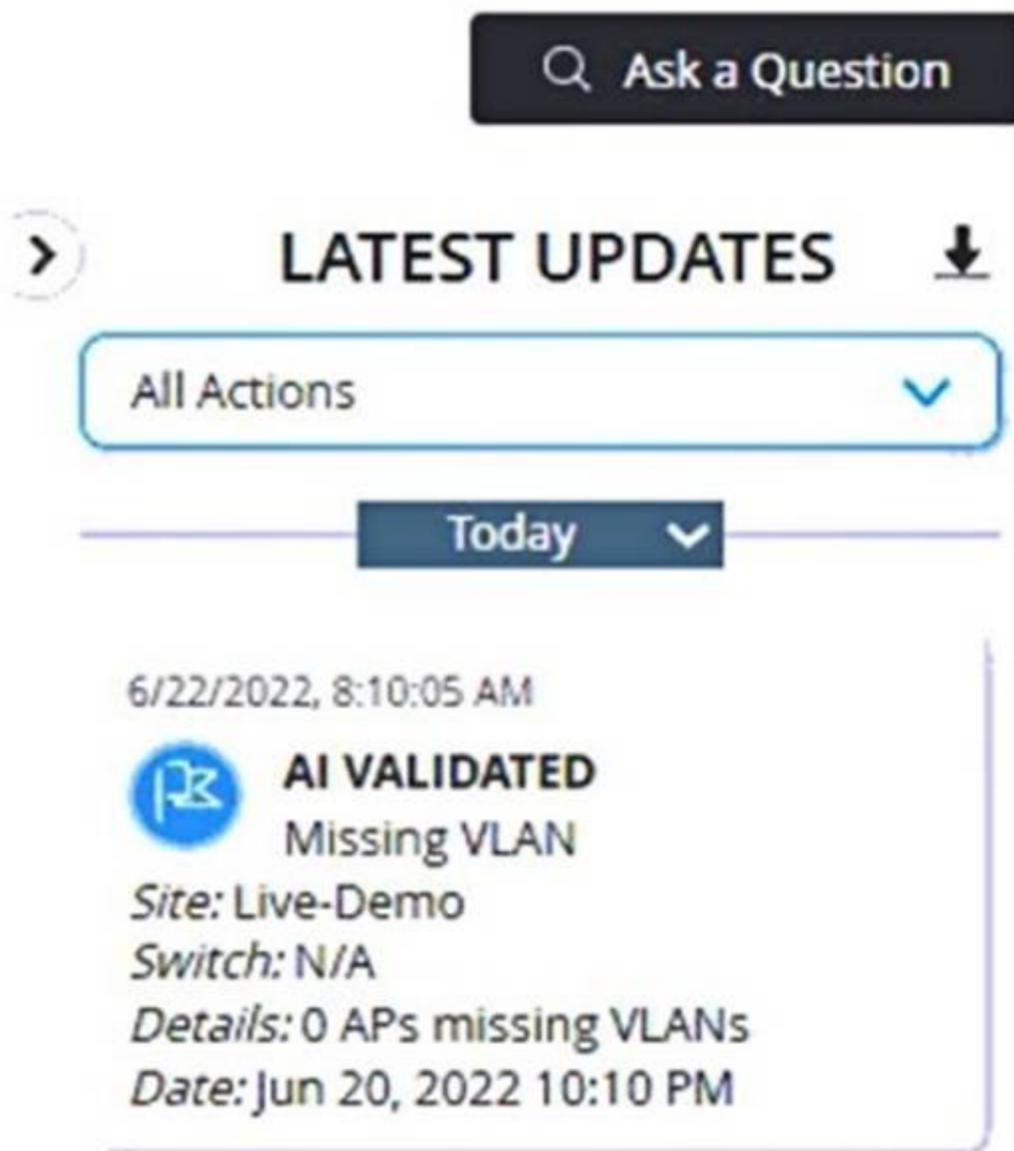
Syslog is a protocol that can be used to forward event messages from Mist to an external log collector.

According to the Cisco Catalyst 9800 Series Wireless Controller Software Configuration Guide¹, syslog is a feature that enables forwarding event messages from Mist to an external log collector. Syslog messages can be sent over UDP or TCP protocols.

[References: https://www.cisco.com/c/en/us/td/docs/wireless/controller/9800/17-2/config-guide/b_wl_17_2_cg/syslog.html, ,]

NEW QUESTION 93

Click the Exhibit button.



Referring to the exhibit, what is the meaning of the AI VALIDATED status update?

- A. The issue was opened and is unresolved.
- B. The issue was opened and Marvis confirms it has been closed.
- C. The issue was opened and Marvis has closed it.
- D. The issue was opened and closed manually.

Answer: B

Explanation:

The AI VALIDATED status update means that the issue was opened and Marvis confirms it has been closed.

According to the Marvis Virtual Network Assistant Datasheet¹, the AI-VALIDATED status update means that the issue was opened and Marvis confirms it has been closed. This status indicates that Marvis has verified that the issue is no longer present and the root cause has been resolved.

[References: <https://www.juniper.net/us/en/products/cloud-services/marvis-virtual-network-assistant-datasheet.html>, ,]

NEW QUESTION 97

RF templates are assigned to which Mist configuration object?

- A. config templates

- B. site groups
- C. WLANs
- D. sites

Answer: D

NEW QUESTION 101

You have received a Marvis Actions Missing VLAN notification. In this scenario, where is the problem?

- A. The gateway is missing the VLAN.
- B. An access point is missing the VLAN.
- C. A client is missing the VLAN.
- D. A switch is missing the VLAN.

Answer: B

NEW QUESTION 103

Which real-time location system component takes the coordinates of a tracked device and applies a location-aware triggered action to a client?

- A. Juniper Mist Edge
- B. Marvis Minis
- C. location system
- D. location sensor

Answer: C

NEW QUESTION 108

Click the Exhibit button.

Referring to the exhibit, in the USA, which two statements are correct? (Choose two.)

- A. The WLAN with SSID Eero1234 is not configured to industry best practices.
- B. The WLAN with SSID Eero1234 is configured to industry best practices.
- C. The WLAN with SSID NETGEAR24 is not configured to industry best practices.
- D. The WLAN with SSID NETGEAR24 is configured to industry best practices.

Answer: AD

Explanation:

Referring to the exhibit and considering that it is in the USA, the WLAN with SSID Eero1234 is not configured to industry best practices while the WLAN with SSID NETGEAR24 is configured to industry best practices.

NEW QUESTION 113

A malicious user tricks users by broadcasting the same SSID that matches the legitimate AP in your corporate network. How does Juniper Mist classify this type of AP?

- A. mesh AP
- B. neighbor AP
- C. honeypot AP
- D. rogue AP

Answer: C

NEW QUESTION 115

What are three available rate limiting options in the Mist UI? (Choose three.)

- A. Network
- B. Application
- C. wLan
- D. Per-Client
- E. Per-Site

Answer: BCD

NEW QUESTION 119

Which two statuses are displayed on the Juniper Mist subscription page? (Choose two.)

- A. Demo
- B. Exceed
- C. Valid
- D. Active

Answer: BD

Explanation:

In the Juniper Mist dashboard, managing licenses is handled through the Subscriptions page at the Organization level. This page is critical for ensuring that all deployed hardware (Access Points, Switches, and Gateways) has the necessary cloud services—such as Wi-Fi Assurance, Wired Assurance, or Marvis VNA—to

function correctly. The subscription page provides a real-time overview of the organization's licensing health using specific status indicators. The statusActive (D) indicates that the subscription is currently within its valid date range and is being utilized by the hardware in the organization. When a subscription is marked as Active, it means the features associated with that license are fully operational, and the Mist Cloud is actively processing telemetry from the associated devices. This is the primary state for all correctly provisioned licenses. The statusExceed (B) (often displayed as "Exceeded") is a unique and important state in the Mist ecosystem. Unlike many legacy controllers that might shut down services if a license count is surpassed, Mist uses an "honor-based" system combined with clear visual alerting. The Exceed status appears when the number of physical devices claimed and assigned to a site exceeds the total number of available license seats for a specific service. For example, if an organization has 100 "Wi-Fi Assurance" subscription seats but has deployed 110 Access Points, the status will show as Exceeded. Mist provides a grace period and persistent notifications to administrators to rectify this by either purchasing more subscriptions or removing excess devices. It is important to note that while terms like "Valid" or "Demo" might be used in general conversation, the specific operational statuses tracked in the subscription table to manage license compliance and expiration are Active, Exceeded, and Expired. These statuses allow IT teams to proactively manage their operational expenditures and ensure uninterrupted service for their wireless users.

NEW QUESTION 122

By default, which 6 GHz channels does Juniper Mist radio resource management (RRM) use?

- A. The preferred scanning channels (PSCs)
- B. The channels you select as primary channels
- C. Channels 1, 9, and 13
- D. Channels 13 through 221

Answer: A

NEW QUESTION 123

Which modulation method will result in the highest theoretical data rates?

- A. 64 QAM
- B. 16 QAM
- C. QPSK
- D. BPSK

Answer: A

NEW QUESTION 126

You are building your floor plan for a recent Juniper Mist deployment and you must ensure that when you are finished, you can track user movements and locations throughout the floor plan. In this scenario, which statement is correct regarding AP orientation in the Mist UI?

- A. In the UI, the APs must all be oriented on the floor plan to face true north.
- B. In the UI, the orientation of the APs will not affect Mist's location services.
- C. In the UI, the APs must be oriented on the floor plan in the same direction as the physical APs.
- D. In the UI, the APs must all be oriented on the floor plan to face geographical north.

Answer: C

Explanation:

In a Juniper Mist AI deployment, achieving high-fidelity location accuracy is entirely dependent on the digital twin (the floor plan in the Mist UI) accurately reflecting the physical environment. While scaling the map is the foundation, AP orientation is the most critical variable for the vBLE (virtual Bluetooth Low Energy) engine to correctly calculate a client's position.

Mist Access Points, such as the AP43 or AP45, feature a patented 16-element directional vBLE antenna array. This array does not broadcast in a simple omnidirectional circle; instead, it uses eight distinct directional beams to blanket an area. The Mist Cloud uses "probability surfaces" to determine a user's location by examining the RF fingerprints from these specific beams. If an AP is physically mounted with its LED pointing toward a specific hallway, but is oriented in the Mist UI facing a different direction, the location engine will receive signal data that does not match its internal map of the beams. This results in "flipped" locations or "teleporting," where a user appears on the opposite side of the AP from where they actually are.

To ensure accuracy, administrators must use the small green dot on the outer ring of the AP icon in the Mist Live View. This green dot represents the physical LED on the AP hardware. The orientation in the UI must be rotated so that the green dot points in the exact same direction as the physical LED relative to the floor plan's perspective. It is a common misconception that APs must face true north (A) or geographical north (D); the map and APs can be oriented in any way that is convenient for the facility layout, provided the relative alignment between the virtual icon and the physical device is identical.

NEW QUESTION 128

You receive a Marvis Actions alert informing you that there is a non-compliant AP at one of your sites. What should you do to correct the problem?

- A. Request an RMA.
- B. Disconnect the Rogue AP from your Ethernet switch.
- C. Replace the AP with the correct hardware model.
- D. Install the correct version of firmware on the AP.

Answer: C

NEW QUESTION 130

Site A is configured with a WLAN and a policy. The administrator creates a configuration template at the organization level with additional policies for the same WLAN and mentions Site A in this template. In this scenario, which statement is correct?

- A. The policy that is created in the config template at the organization level will execute first.
- B. The policy created at the organization level can be applied to a site group, not to an individual site.
- C. The policy that is created at the site level will execute first.
- D. There is no option to mention the site in the config template at the organization level.

Answer: D

Explanation:

According to the Juniper Mist Wireless Deployment Service Datasheet1, a configuration template at the organization level can be applied to a site group, not to an individual site. Therefore, there is no option to mention the site in the config template at the organization level.

[References: <https://www.juniper.net/us/en/products/cloud-services/juniper-mist-wireless-deployment-service-datasheet.html>, ,]

NEW QUESTION 131

Administrators need to gather information regarding client dwell time and how clients move through a location. In this scenario, which real-time location service provides this capability?

- A. optimize workflow
- B. zone analytics
- C. wayfinding
- D. asset tracking

Answer: B

NEW QUESTION 136

You need to correlate the coordinates of tracked devices and turn this information into usable data for other applications. Which real-time location service component accomplishes this task?

- A. location system
- B. BLE tag
- C. triangulation service
- D. location sensor

Answer: A

NEW QUESTION 137

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