

Juniper.JN0-451.by.Ewan,50q

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Exam A

QUESTION 1

Regarding roaming, which device determines when it is time to connect to another AP?

- A. the gateway router
- B. the client device
- C. the primary AP
- D. the current AP

Correct Answer: B

Section:

Explanation:

Regarding roaming, it is ultimately up to the client device to determine when it's time to connect to another AP based on signal strength and other factors such as network congestion or interference. So the correct answer is B. The client device.

QUESTION 2

RF templates are assigned to which Mist configuration object?

- A. config templates
- B. site groups
- C. WLANs
- D. sites

Correct Answer: D

Section:

Explanation:

RF templates are assigned to sites in Mist configuration objects so that you can apply consistent RF settings across multiple sites in your network with ease. So, RF templates are assigned to D.sites

QUESTION 3

What are two functions of Mist Radio Resource Management (RRM)? (Choose two.)

- A. transmit power control
- B. WLAN scheduling
- C. channel assignment
- D. Ethernet configurations

Correct Answer: A, C

Section:

Explanation:

Mist Radio Resource Management (RRM) performs several functions including transmit power control and channel assignment which help optimize wireless network performance by dynamically adjusting radio settings based on changing environmental conditions. So, the correct answers are A. transmit power control and C. channel assignment

QUESTION 4



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

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

Correct Answer: A, D

Section:

Explanation:

P33 and AP43 are Mist APs that can be used for BLE location.

QUESTION 5

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

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

Correct Answer: B

Section:

Explanation:

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

The Wireless Assurance SLE that provides information on Opportunistic Key Caching (OKC) is Roaming. So the correct answer is B. Roaming.

QUESTION 6

What are two ways to access Marvis? (Choose two.)

- A. Use the conversational assistant.
- B. Use Actions.
- C. Use Insights.
- D. Use config templates.

Correct Answer: A, C

Section:

Explanation:

Two ways to access Marvis are by using the conversational assistant and by using Insights. So the correct answers are A. Use the conversational assistant and C. Use Insights.

QUESTION 7

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

Correct Answer: A

Section:

Explanation:

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

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

Correct Answer: C

Section:

Explanation:

Reference: https://www.cnrood.com/en/media/solutions/Wi-Fi_Overview_of_the_802.11_Physical_Layer.pdf

QUESTION 9

You are installing and booting up your first Juniper Mist AP at your site.

By default, which two statements are correct in this scenario? (Choose two.)

- A. The AP will attempt to connect to the Mist cloud using port 443.
- B. The AP will send DHCP requests using the native VLAN.
- C. The AP will send DHCP requests with a VLAN ID of 10.
- D. The AP will attempt to connect to the Mist cloud using port 8080.



Correct Answer: A, B

Section:

Explanation:

Reference: https://www.juniper.net/documentation/us/en/software/nce/nce-214-midsized-branchmist-pwp/topics/topic-map/nce-214-midsized-branch-mist-example_part2.html

When a Juniper Mist AP is installed and booted up for the first time, it will attempt to connect to the Mist cloud using port 443 and will send DHCP requests using the native VLAN.

QUESTION 10

Which two statements are true about 802.1X/EAP? (Choose two.)

- A. Credentials are exchanged with a RADIUS server prior to the 4-way Handshake.
- B. Credentials are exchanged with a RADIUS server after the 802.11 Association.
- C. Credentials are exchanged with a RADIUS server after the 4-way Handshake.
- D. Credentials are exchanged with a RADIUS server prior to the 802.11 Association.

Correct Answer: A, B

Section:

Explanation:

According to Wikipedia¹, 802.1X is an IEEE Standard for port-based network access control (PNAC). It provides an authentication mechanism to devices wishing to attach to a LAN or WLAN using Extensible Authentication Protocol (EAP) over wired IEEE 802 networks and over 802.11 wireless networks, which is known as "EAP over LAN" or EAPOL.

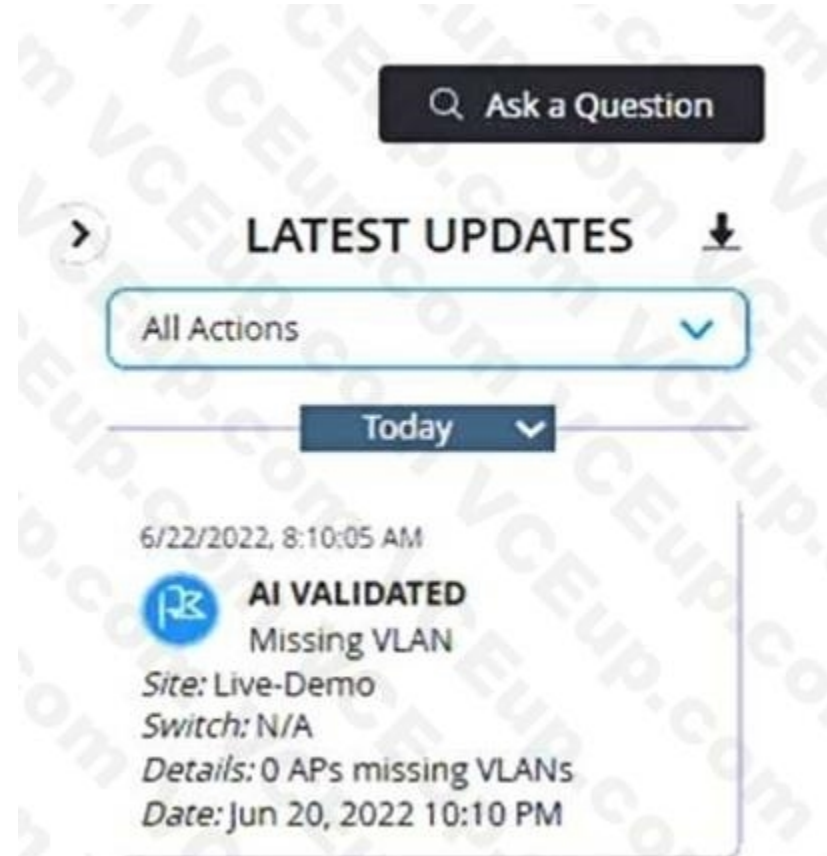
The authentication process involves three parties: a supplicant (the client device), an authenticator (the network device such as an access point), and an authentication server (typically a RADIUS server). The supplicant must

provide valid credentials to the authenticator before it can access the network resources.

The credentials are exchanged with a RADIUS server prior to the 4-way Handshake because the 4way Handshake is used to establish encryption keys between the supplicant and authenticator after successful authentication². The credentials are exchanged with a RADIUS server after the 802.11 Association because the 802.11 Association is used to establish a logical link between the supplicant and authenticator before authentication can take place³.

QUESTION 11

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.

Correct Answer: B

Section:

Explanation:

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

QUESTION 12

Which access points (APs) will be considered for inclusion in the AP Offline Marvis Action?

- A. all APs assigned to sites that have connected to the cloud previously
- B. all APs assigned to sites
- C. all APs in inventory
- D. all purchased APs

Correct Answer: A

Section:

Explanation:

The AP Offline Marvis Action will consider all APs assigned to sites that have connected to the cloud previously for inclusion. So the correct answer is A. all APs assigned to sites that have connected to the cloud previously.

QUESTION 13

Which Wireless Assurance SLE has classifiers of Association, Authorization, DHCP, and Internet Services?

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

Correct Answer: C

Section:

Explanation:

The Wireless Assurance SLE that has classifiers of Association, Authorization, DHCP, and Internet Services is Time to Connect. So the correct answer is C. Time to Connect.

QUESTION 14

Regarding the seven layer OSI networking model, which two layers are different between Ethernet and Wi-Fi? (Choose two.)

- A. media access control (MAC) sub-layer
- B. network layer
- C. logical link control (LLC) sub-layer
- D. physical layer



Correct Answer: A, D

Section:

Explanation:

Regarding the seven layer OSI networking model, the two layers that are different between Ethernet and Wi-Fi are media access control (MAC) sub-layer and physical layer. So the correct answers are A. media access control (MAC) sub-layer and D. physical layer.

QUESTION 15

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.

Correct Answer: A

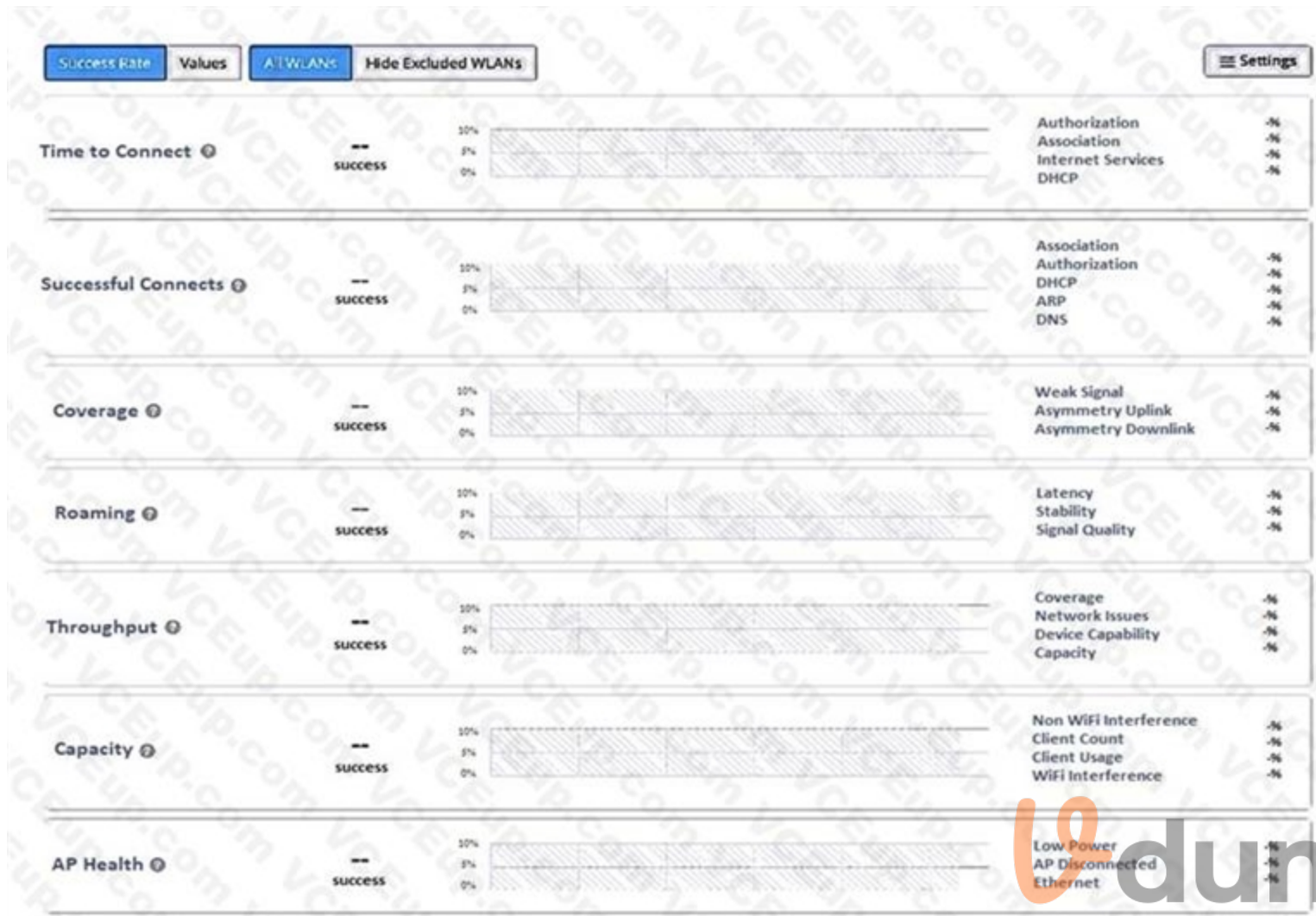
Section:

Explanation:

Reference: <https://www.mist.com/wp-content/uploads/Mist-Edge-General-Config-Guide-1.pdf>

QUESTION 16

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

Correct Answer: D

Section:

Explanation:

The Wi-Fi Assurance SLE and classifier that would provide information about possible interference from a neighboring Wi-Fi network are Capacity and Wi-Fi Interference. I hope this helps! Do you have any further q

QUESTION 17

When does a Mist AP actually begin transmitting BLE?

- A. When it is claimed and placed on a site.
- B. When it is placed on a floor plan.
- C. When BLE is enabled at the Organization level.
- D. When BLE is enabled for the AP.

Correct Answer: D

Section:

Explanation:

Reference: <https://www.mist.com/documentation/ble-mac-randomization/>

QUESTION 18

Click the Exhibit button.

SSID	BSSID	Band	Channel	Avg. RSSI	Seen By	Nearest AP	Location
CS-recnet			1	-55.9 dBm	1 APs	AP43	Home
Frontier3984			1	-76.6 dBm	1 APs	AP43	Home
Verizon-5G_Tuna			1	-79.0 dBm	1 APs	AP43	Home
NETGEAR24			4	-78.2 dBm	1 APs	AP43	Home
Eero1234			5	-78.9 dBm	1 APs	AP43	Home
Bob24WiFi			6	-69.5 dBm	1 APs	AP43	Home

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

- A. The WLAN with SSID NETGEAR24 will cause adjacent channel interference.
- B. The WLAN with SSID Bob24WiFi will cause adjacent channel interference.
- C. The WLAN with SSID Verizon-5G_Tuna will cause adjacent channel interference.
- D. The WLAN with SSID Eero1234 will cause adjacent channel interference.



Correct Answer: A, B

Section:

Explanation:

The WLANs with SSIDs NETGEAR24 and Bob24WiFi will cause adjacent channel interference because they are using overlapping channels in the 2.4 GHz frequency band.

QUESTION 19

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.

Correct Answer: D

Section:

Explanation:

Reference: <https://www.mist.com/documentation/what-is-marvis-actions/>

If you receive a Marvis Actions alert informing you that there is a non-compliant AP at one of your sites, you should install the correct version of firmware on the AP to correct the problem. So the correct answer is D. Install the correct version of firmware on the AP.

QUESTION 20

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

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

Correct Answer: D

Section:

Explanation:

To create a new site configuration in Juniper Mist UI, you would do so under the organization hierarchy level. So the correct answer is D. organization.

QUESTION 21

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

Correct Answer: B

Section:

Explanation:

In Juniper Mist UI, to define VLANs as untagged, tagged or using VLAN pooling, you would accomplish this task in WLAN settings. So the correct answer is B. WLAN settings.

QUESTION 22

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.

Correct Answer: C

Section:

Explanation:

According to the Mist documentation¹, a Mist AP will pull a management IP address from the Native VLAN by default. However, if the Local Status Page is configured for the Site, all the site APs will pull their own IP address from the

Management VLAN, but also addresses for each of the VLANs configured on the AP. This is because each AP creates a Switch Virtual Interface (SVI) for each VLAN on its eth0 interface.

The Local Status Page is a feature that allows you to access information about an AP's status and configuration through a web browser by connecting to its IP address². This feature can be enabled or disabled at the site level under Site

Settings > Access Points > Advanced Settings.

QUESTION 23

Click the Exhibit button.



Subscriptions		Summary	Orders	Apply Activation Code		Add/Renew Subscriptions
Subscription Type	Status	Usage	Sites with Usage	Next Renewal	Expires	
WiFi Management and Assurance	Active	1 of 2	1 of 1	Nov 25, 2024	Nov 25, 2024	
vBLE Engagement	Active	0 of 2	0 of 1	--	Nov 25, 2024	
Asset Visibility	Active	0 of 2	0 of 1	--	Nov 25, 2024	
Marvis for Wireless	Active	1 of 2	1 of 1	Nov 25, 2024	Nov 25, 2024	
Mist Edge	Active	0 of 1	N/A	--	Dec 17, 2022	
Wired Assurance 12	Expired	1 of 0	1 of 1	--	--	
WAN Assurance for Class-1	Active	0 of 1	0 of 1	--	Dec 17, 2022	
WAN Assurance for Class-2	Active	1 of 1	1 of 1	Dec 17, 2022	Dec 17, 2022	
WAN Assurance for Class-3	Active	0 of 1	0 of 1	--	Dec 17, 2022	

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

- A. The organization has one available license for Marvis wireless.
- B. The organization has two available licenses for Marvis wireless.
- C. The organization is using one license for Marvis wireless.
- D. The organization is using two licenses for Marvis wireless.

Correct Answer: B, C

Section:



QUESTION 24

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

Correct Answer: A

Section:

Explanation:

Dynamic Packet Capture is a Juniper Mist feature that can provide a pcap file of the VoIP handsets' connection attempts.

QUESTION 25

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.

Correct Answer: B

Section:

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/>

QUESTION 26

Click the Exhibit button.





A user opened a ticket. Upon troubleshooting, you determine that frequent roaming is the root cause of the problem. Referring to the exhibit, which statement describes the roaming issue that the client is experiencing?

- A. There are frequent roams between different protocols.
- B. There are frequent roams between different bands.
- C. There are frequent roams between different WLANs.
- D. There are frequent roams between different access points.

Correct Answer: D

Section:

Explanation:

The exhibit shows a graph of the client's roaming history over time. The x-axis represents the time and the y-axis represents the access point ID. Each dot on the graph indicates a roam event where the client switched from one access point to another.

The graph shows that the client roamed between different access points multiple times within a short period of time. This indicates that the client was experiencing frequent roams between different access points, which could affect its network performance and user experience.

QUESTION 27

A user with a PSK calls you and says, "The Wi-Fi worked for a week and now it does not work." There have not been any recent configuration changes to the network. You suspect that a time-based setting has reset the key. In this scenario, where would you begin troubleshooting?

- A. Site-level Pre-Shared Keys
- B. Organization-level Pre-Shared Keys
- C. WLAN-level Pre-Shared Keys
- D. RADIUS Pre-Shared Keys

Correct Answer: C

Section:

Explanation:

In this scenario, you would begin troubleshooting by checking the WLAN-level Pre-Shared Keys.

QUESTION 28

Asset tracking using Mist-supported third-party BLE beacons has been installed in a warehouse. The BLE beacons were configured using their manufacturer-supplied configuration utility and BLE was properly configured for the site settings.

When the warehouse floor plan is opened in Live View, the third-party beacons are not shown.

Which two statements describe causes for this issue? (Choose two.)

- A. The Show assets check box has not been selected in Live View.
- B. Marvis was not enabled for the site.
- C. The Locate this Client as an Asset check box has not been selected at the BLE client level.
- D. The APs are installed at 19 feet from the floor, above the recommended 15 feet.

Correct Answer: A, C

Section:

Explanation:

According to the Mist documentation¹, asset tracking is a service that allows you to find key assets and people with detailed analytics based on their location using Mist-supported third-party BLE beacons. To enable asset tracking, you need to configure both the BLE beacons and the Mist cloud settings.

The Show assets check box is a setting in Live View that allows you to display or hide the assets on the floor plan². If this check box is not selected, you will not be able to see the third-party beacons on Live View.

The Locate this Client as an Asset check box is a setting at the BLE client level that allows you to treat a BLE client as an asset for location purposes³. If this check box is not selected, you will not be able to track the BLE client as an asset.

QUESTION 29

Which two statements are correct about Juniper Mist Dynamic Packet Capture? (Choose two.)

- A. No configuration is necessary for Mist's Dynamic Packet Capture.
- B. It is automatically attached to a client event displayed on the Insights page.
- C. It must be globally configured at the organization level.
- D. It is automatically attached to the Affected Items list in the Successful Connects SLE.

Correct Answer: A, B

Section:

Explanation:

Two correct statements about Juniper Mist Dynamic Packet Capture are that no configuration is necessary for Mist's Dynamic Packet Capture and it is automatically attached to a client event displayed on the Insights page. So the correct answers are A. No configuration is necessary for Mist's

Dynamic Packet Capture and B. It is automatically attached to a client event displayed on the Insights page.

QUESTION 30

Which two events are displayed under the Client Events area found on the Insights page? (Choose two.)

- A. Reassociation
- B. Restart by User
- C. Reflection (Loop Detection)
- D. DHCP Denied

Correct Answer: A, D



Section:

Explanation:

Two events that are displayed under Client Events area found on Insights page are Reassociation and DHCP Denied. So the correct answers are A. Reassociation and D. DHCP Denied.

QUESTION 31

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

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

Correct Answer: A

Section:

QUESTION 32

Once a client discovers an access point, what is the correct order of steps for successful 802.1X authentication?

- A. Open System Authentication -> 802.1X Authentication -> Association
- B. Association -> 802.1X Authentication -> Open System Authentication
- C. Association -> Open System Authentication -> 802.1X Authentication
- D. Open System Authentication -> Association -> 802.1X Authentication

Correct Answer: D

Section:

Explanation:

Once a client discovers an access point, the correct order of steps for successful 802.1X authentication is Open System Authentication -> Association -> 802.1X Authentication. So the correct answer is D. Open System Authentication -> Association -> 802.1X Authentication.



QUESTION 33

According to the Coverage SLE, which classifier tracks a client that transmits at a lower data rate than the AP to which it is connected?

- A. Asymmetry Downlink
- B. Wi-Fi Interference
- C. Asymmetry Uplink
- D. Slow OKC Roam

Correct Answer: A

Section:

Explanation:

According to Coverage SLE, Asymmetry Downlink classifier tracks a client that transmits at lower data rate than AP to which it is connected. So the correct answer is A. Asymmetry Downlink

QUESTION 34

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

Correct Answer: A

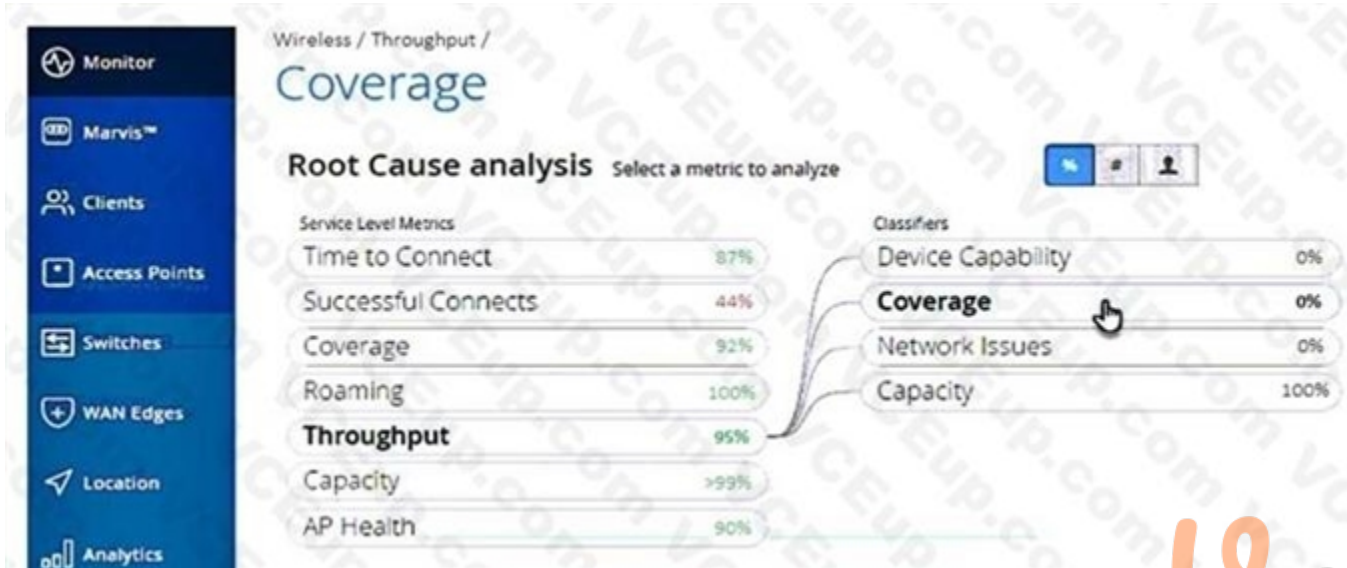
Section:

Explanation:

The impact of adding more SSIDs to a radio is beacon overhead. So, the correct answer is A. beacon overhead

QUESTION 35

Click the Exhibit button.



Referring to the exhibit, as part of the Throughput SLE in the Mist UI, the Coverage classifier indicates the signal strength of which device?

- A. the AP's radio strength
- B. the signal strength between APs
- C. the client
- D. the AP's radio for a single SSID

Correct Answer: C

Section:

Explanation:

As part of the Throughput SLE in the Mist UI, the Coverage classifier indicates the signal strength of the client.

QUESTION 36

Click the Exhibit button.

Security site Primary Site 1 Hr 24 Hrs Generate PCI Report View Client Classification

Threats Neighbor APs Approved APs List Location

SSID	BSSID	Band	Channel	Avg. RSSI	Seen By	Nearest AP	Location
CS-recnet			1	-55.9 dBm	1 APs	AP43	Home
Frontier3984			1	-76.6 dBm	1 APs	AP43	Home
Verizon-5G_Tuna			1	-79.0 dBm	1 APs	AP43	Home
NETGEAR24			4	-78.2 dBm	1 APs	AP43	Home
Eero1234			5	-78.9 dBm	1 APs	AP43	Home
Bob24WiFi			6	-69.5 dBm	1 APs	AP43	Home

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.

Correct Answer: A, D

Section:

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.

QUESTION 37

Which two fields are required when creating a new site? (Choose two.)

- A. RF template
- B. site name
- C. location
- D. time zone

Correct Answer: B, C

Section:

QUESTION 38

Mist WLAN objects are configurable at which two levels? (Choose two.)

- A. site group
- B. organization
- C. site
- D. access point

Correct Answer: A, C

Section:

Explanation:

According to the Mist documentation¹, WLANs are wireless networks that can be configured with different settings such as SSID, security, encryption, authentication, etc. WLANs can be created and managed at different levels of hierarchy in the Mist cloud.

The site group level allows you to create and apply WLANs to a group of sites that share common characteristics or requirements². This helps you to simplify and standardize your WLAN configuration across multiple sites. The site level allows you to create and manage WLANs for a specific site that may have unique needs or preferences¹. This gives you more flexibility and granularity for your WLAN configuration at each site.

QUESTION 39

What is meant when a Marvis Action is shown as "AI Validated"?

- A. The issue which triggered an alert has been set to Resolved status.
- B. Marvis has observed a new issue.
- C. Marvis has observed a recurring issue.
- D. Marvis has observed an issue that is no longer present.

Correct Answer: D

Section:

Explanation:

Reference: <https://www.mist.com/documentation/what-is-marvis-actions/>

When a Marvis Action is shown as "AI Validated", it means that Marvis has observed an issue that is no longer present.

QUESTION 40

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

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



Correct Answer: A, C

Section:

Explanation:

Reference: <https://howiwifi.com/2020/07/13/802-11-frame-types-andformats/#:~:text=There%20are%20three%20types%20of,the%20layer%203%2D7%20information>

QUESTION 41

In which two layers of the OSI model are WLANs located? (Choose two.)

- A. Network
- B. Transport
- C. Physical
- D. Data Link

Correct Answer: C, D

Section:

Explanation:

Reference: <https://www.controleng.com/articles/wi-fi-and-the-osi-model/>

QUESTION 42

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

Correct Answer: A, D, E

Section:

Explanation:

Reference: <https://www.mist.com/documentation/wlan-rate-limiting/>

QUESTION 43

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

Correct Answer: A, B

Section:

Explanation:

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

According to the Mist documentation¹, webhooks are an intuitive method of collecting data by having real-time events push their information onto a provided URL. Webhooks can be configured for different topics that contain events related to location, alarms, audits, device status, client sessions, etc.

The location topic provides information about Wi-Fi and BLE clients' location coordinates¹. The alarms topic provides information about alerts generated by Mist AI for various issues such as device restarts, configuration changes, network performance degradation, etc.²

QUESTION 44

What do 802.11 stations perform to help avoid collisions on the WLAN medium?

- A. 802.11 stations detect collisions and set a back-off timer.
- B. Listen to verify that the medium is free before transmitting.
- C. Stations only transmit when polled by the access point.
- D. Transmit on a fixed schedule.

Correct Answer: B

Section:

Explanation:

Reference: <https://blogs.arubanetworks.com/industries/understanding-802-11-medium-contention/>

QUESTION 45

Referring to the exhibit, you asked Marvis to troubleshoot a client. In this scenario, what did Marvis determine?



- A. two authentication failures over this week
- B. two DHCP failures today
- C. DHCP errors over the past seven days
- D. two authentication failures today

Correct Answer: D

Section:

Explanation:

Reference: <https://www.mist.com/documentation/mist-experience-marvis-client/>



QUESTION 46

Referring to the exhibit, what does the security alert indicate?



- A. An AP that is not part of the Mist Org is connected to the same wired network as the Mist APs.
- B. An AP that is not part of the Mist Org is launching a DDoS attack on the Mist APs.
- C. An AP that is not part of the Mist Org is advertising the same SSIDs as the Mist APs.

D. An AP that is not part of the Mist Org is operating in the same RF channel as the nearby Mist AP.

Correct Answer: C

Section:

Explanation:

Reference: <https://www.mist.com/documentation/rogue-neighbor-honeypot-aps/>

QUESTION 47

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

Correct Answer: D

Section:

Explanation:

Reference: <https://www.mist.com/documentation/radio-management-event-types/>

If you are the only tenant in a building that has Wi-Fi and you want to determine if a microwave oven is causing an issue with the Wi-Fi network appearing slow at times, you should look at the capacity/non-wifi interference SLE metric and classifier.

QUESTION 48

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.

Correct Answer: C

Section:

QUESTION 49

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.

Correct Answer: B, C

Section:

Explanation:

An extended service set (ESS) is a set of two or more basic service sets (BSSs) that form a single subnetwork. Each BSS within the ESS has its own unique BSSID and the SSID is common across all BSSs within the ESS. So the correct answers are B. Each BSS within the ESS has its own unique BSSID and C. The SSID is common across all BSSs within the ESS.

QUESTION 50

You are deploying multiple Mist APs across many sites in your network. You must ensure that you apply consistent WxLAN and WLAN policies across all sites within the same organization. Which configuration object should be used to accomplish this behavior?

- A. site labels
- B. an RF template
- C. a device profile
- D. a config template

Correct Answer: D

Section:

