



**Exam Code: JN0-251**

**Exam Name:** Mist AI, Associate

**Website:** [www.VCEplus.io](http://www.VCEplus.io) - [www.VCEup.com](http://www.VCEup.com)

**VCEup**

Question No: 1

What is an advantage of using the Juniper Mist cloud compared to traditional on-premises WLAN controllers?

- A. The ability to configure Mist cloud using any connected AP.
- B. More robust AP encryption occurs.
- C. Machine learning occurs through microservices.
- D. Mist updates occur daily.

Answer: D

Explanation:

Reference: <https://www.juniper.net/us/en/solutions/wireless-access.html>

Question No: 2

You are inviting a new administrator into a Mist organization.

In this scenario, which two roles are valid? (Choose two.)

- A. Helpdesk
- B. Standard
- C. Network Admin
- D. System Admin

Answer: AC

Explanation:

Reference: <https://www.mist.com/documentation/administrator-roles/>

Question No: 3

What are two valid Mist subscription status states in the Mist GUI? (Choose two.)

- A. Expired
- B. Perpetual
- C. Staged
- D. Exceeded

Answer: A, D

Explanation:

Reference: <https://www.mist.com/documentation/subscriptions-and-activations/>

Question No: 4

Which Mist AI feature would help you to troubleshoot a client's failed authentication?

- A. client dashboard
- B. live view

www.VCEplus.io

C. dynamic packet capture

D. WLAN profile

Answer: C

Explanation:

Question No: 5

What is the minimum administrator role needed to invite a user to be an administrator of an organization?

A. network admin

B. installer

C. helpdesk

D. super user

Answer: D

Explanation:

Question No: 6

What does Mist with Wi-Fi Assurance do to detect a bad cable connected to an AP?

A. It monitors SNMP trap information.

B. It performs cable tests.

C. It sends probe traffic through the cable connections.

D. It applies machine learning to telemetry data.

Answer: B

Explanation:

Reference: <https://www.hcd-consulting.de/en/mist-wired-assurance-offers-new-insights-into-cablenetworks/#:~:text=The%20main%20problems%20in%20networks,user%20experience%20is%20significantly%20impaired>

Question No: 7

You are asked to invite a new user to administer specific sites in read-only mode.

Which two roles are available to the new user? (Choose two.)

A. Helpdesk

B. Installer

C. Network Admin

D. Observer

Answer: C, D

Explanation:

Question No: 8

Which two statements are correct when managing switches located in a Mist-managed site? (Choose two.)

- A. The site firewall must allow communications from the switch to Mist.
- B. A switch template must be assigned to the site.
- C. The site must have Mist access points.
- D. The switch must be assigned to the site.

Answer: A, D

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](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)

Question No: 9

Where in the Mist UI would the Persistently Failing Clients report be found?

- A. Alerts
- B. Marvis Actions
- C. Successful Connects SLE
- D. Insights

Answer: B

Explanation: the Persistently Failing Clients report can be found in Marvis Actions under the Other Actions section. This report shows clients that are continuously failing to connect due to a client specific issue<sup>2</sup>. You can also download the full list of your Persistently Failing clients in an organized .CSV file format<sup>1</sup>.

Question No: 10

You just received the newest Mist AP and want to enable a feature that is only available at this time on Release Candidate 1.

In this scenario, using the Mist GUI, where would you determine which version of Release Candidate 1 is available for your AP?

- A. Support Tickets and Documentation -> Feature Updates
- B. Support Tickets and Documentation -> Ports & Endpoints
- C. Support Tickets and Documentation -> Mist Edge Updates
- D. Support Tickets and Documentation -> Firmware Updates

Answer: D

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](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)

Question No: 11

Which Mist location-based feature would be used for wayfinding?

- A. Wi-Fi 6
- B. Asset Visibility
- C. vBLE Engagement
- D. Wi-Fi Location

Answer: D

Explanation:

Reference: <https://www.juniper.net/us/en/products/cloud-services/mist-wireless-location-servicedatasheet.html>

Question No: 12

Which two statements are correct about an Organization ID? (Choose two.)

- A. The Organization ID is randomly created by the system.
- B. The Organization ID is used to identify the organization when using APIs.
- C. The Organization ID is the encrypted version of the Organization Name field.
- D. The Organization ID is manually defined by the user.

Answer: A, B

Explanation:

Question No: 13

Mist Insights will provide detailed information about which two categories? (Choose two.)

- A. AP
- B. Client
- C. Organization
- D. Templates

Answer: AB

Explanation:

Question No: 14

Which device categories are included in WAN Assurance? (Choose two.)

- A. EX
- B. Mist Edge
- C. SSR
- D. SRX

Answer: A, D

Explanation:

Reference: <https://www.juniper.net/us/en/products/cloud-services/juniper-mist-wan-assuranceoverview-datasheet.html>

Question No: 15

Which administrator role is based on a timed grace period for Mist site and AP configuration access?

- A. Observer
- B. Network Admin
- C. Installer

D. Helpdesk

Answer: C

Explanation:

Reference: <https://www.mist.com/documentation/administrator-roles/>

Question No: 16

In the Mist Access Point portfolio, which dedicated device would be used in location-based services (LBS)?

A. AP34

B. AP32

C. BT11

D. AP12

Answer: C

Explanation:

Reference: <https://www.mist.com/resources/ap43-access-point/>

Question No: 17

You want to obtain detailed information on a wireless client.

In this scenario, which area would you use to accomplish this task?

A. Insights

B. Templates

C. SLEs

D. Security

Answer: A

Explanation:

Question No: 18

Click the Exhibit button.

www.VCEplus.io

AP Status	
LED Blink Pattern	AP Status
● ● ●	AP starting to boot - 3 seconds
● ● ●	AP booting - 12 seconds
● ● ●	Connecting to cloud - 30-40 seconds
● ● ●	No ethernet link - Has no link (Seen using power injectors, but not connected to a switch)
● ● ●	No IP Address - No DHCP lease, or no static IP in config (DHCP server not configured and/or working)
● ● ●	No default gateway - No default gateway in DHCP lease or in static config
● ● ●	Default gateway unreachable - No ARP response from default gateway
● ● ●	No DNS - No DNS server(s) in DHCP lease or in static config
● ● ●	No DNS response - No response to DNS lookup (received DNS server via DHCP but can not reach or ping Mist Cloud)
● ● ●	Empty DNS response - DNS response contains no address records
● ● ●	Cloud unreachable - TCP SYN fails && cannot ping ep-terminator
● ● ●	No cloud response - ping-able, but TCP port 443 doesn't go through
● ● ●	Cloud cert time check failed - No default gateway in DHCP lease or in static config
● ● ●	Cloud cert invalid - some 'security' interceptor is messing with the cert (aka the stolen CA cert + snoopy IT)
● ● ●	Mutual auth failed - mutual authentication is failing between the AP and cloud
● ● ●	Config fetch failed - the cloud is unable to provide the AP with a configuration
● ● ●	Config invalid - the cloud provided an invalid configuration
● ● ●	Boot config save failed - unable to save (or delete) the boot config

You notice a green LED emitted from your AP43.

Referring to the exhibit, what does this signal indicate?

- A. The AP is configured correctly and at least one user is connected to it.
- B. The AP is configured correctly with no users connected to it.
- C. The AP is not configured correctly with no users connected to it.
- D. The AP is not configured correctly but one user is connected to it.

Answer: A

Explanation:

Question No: 19

In a production network, what are two types of security threats? (Choose two.)

- A. rogue AP
- B. honeypot AP
- C. scanning radio
- D. neighbor AP

Answer: A, C

Explanation:

Question No: 20

Which two statements are correct about creating Mist sites? (Choose two.)

- A. A Mist site can only belong to a single organization.
- B. You can create and manage multiple sites with a Mist account.
- C. You can only create and manage a single site with a Mist account.
- D. A Mist site can belong to multiple organizations.

Answer: AB

Explanation:

Reference: [https://api-class.mist.com/use\\_cases/site\\_creation/create\\_sites/](https://api-class.mist.com/use_cases/site_creation/create_sites/)

Question No: 21

Which protocol does the REST API use?

- A. syslog
- B. SNMP
- C. HTTP
- D. SSL

Answer: C

Explanation:

Reference: <https://www.juniper.net/documentation/us/en/software/junos/restapi/topics/concept/rest-api-overview.html>

Question No: 22

Which protocol is used by Mist access points to discover third-party switches?

- A. LLDP
- B. SNMP
- C. CDP
- D. ICMP

Answer: A

Explanation:

Reference: <https://www.mist.com/documentation/wired-visibility-mist-dashboard/>

Question No: 23

Which two methods are supported for configuring a Mist environment? (Choose two.)

- A. Use the API.
- B. Use the GUI.
- C. Use the CLI.
- D. Use NETCONF.

Answer: A, B

Explanation:

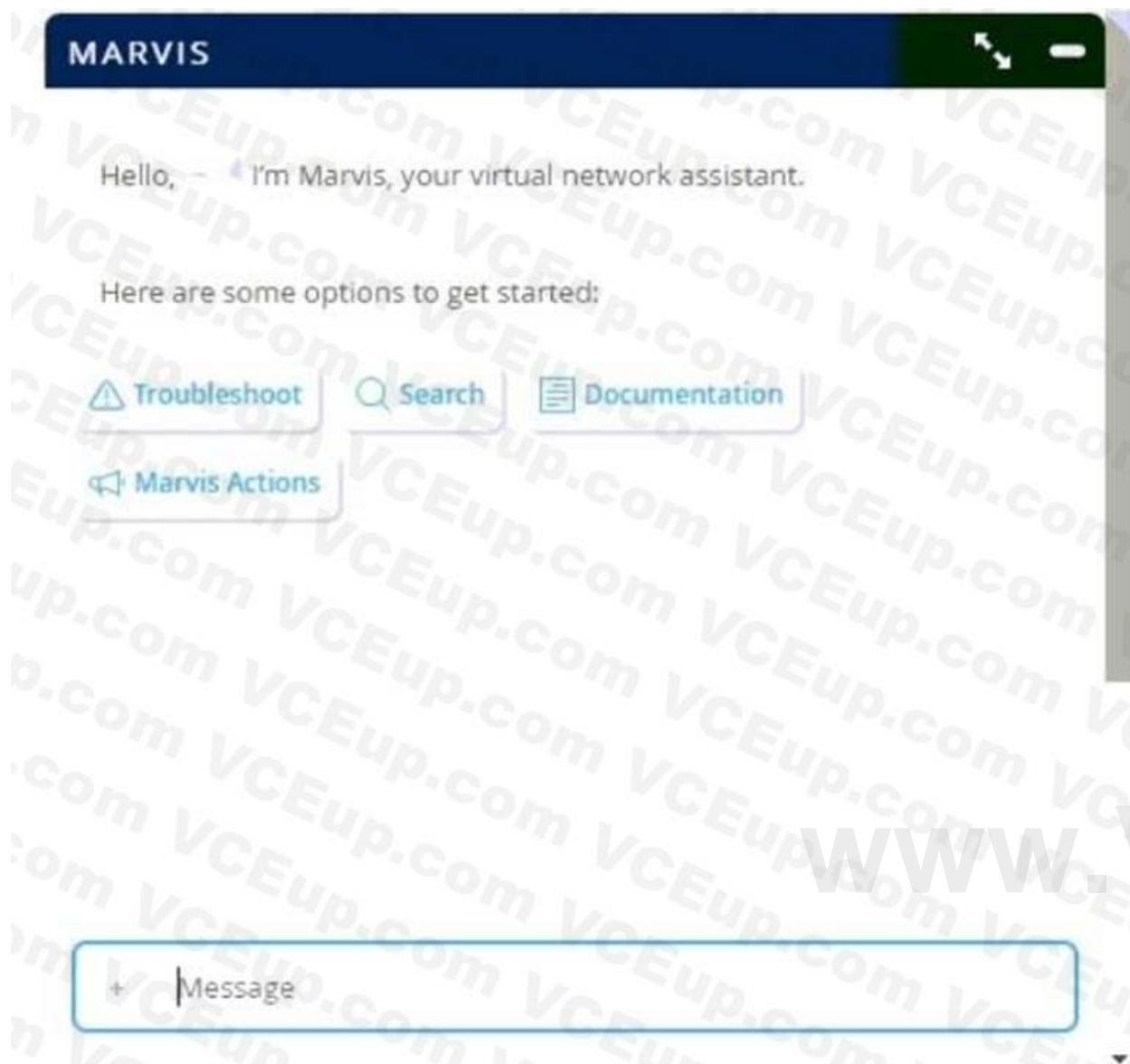
Reference: <https://www.juniper.net/documentation/us/en/software/ncce/ncce-214-midsized-branchmist-pwp/topics/topic-map/ncce-214-midsized-branchmist-example.html>

Question No: 24

Click the Exhibit button.

www.VCEplus.io





www.VCEplus.io

Referring to the exhibit, which Marvis language would you use to query Mist about an issue?

- A. natural language
- B. SQL
- C. Python
- D. query language

Answer: D

Explanation:

Question No: 25

The Mist help menu provides direct access to which two features? (Choose two.)

- A. hardware updates
- B. company updates
- C. feature updates

D. firmware updates

Answer: C, D

Explanation:

Question No: 26

What is a Mist Coverage SLE based upon?

- A. an average of client data
- B. a summary of switch data
- C. a summary of user minutes
- D. an average across APs

Answer: C

Explanation:

Reference: <https://www.mist.com/documentation/service-level-expectationssle/#:~:text=SLE%20Metric%3A%20Coverage,the%20classifiers%20are%20not%20fired>

Question No: 27

Which two APIs are supported by Mist? (Choose two.)

- A. SOAP
- B. gRPC
- C. Webhook
- D. REST

Answer: C, D

Explanation:

Question No: 28

Alert templates are assigned to sites in which area of the Mist GUI?

- A. Organization Settings
- B. Alert Template Configuration
- C. Site Group
- D. Site Configuration

Answer: B

Explanation:

Reference: [https://www.juniper.net/documentation/us/en/software/nce/nce-214-midsite-branchmist-pwp/topics/topic-map/nce-214-midsite-branch-mist-example\\_part2.html](https://www.juniper.net/documentation/us/en/software/nce/nce-214-midsite-branchmist-pwp/topics/topic-map/nce-214-midsite-branch-mist-example_part2.html)

Question No: 29

Mist has detected a bad cable.

What are two ways that Marvis determined this result? (Choose two.)

www.VCEplus.io

- A. It identified network loops.
- B. It identified port flapping.
- C. It identified interface errors.
- D. It identified a missing VLAN.

Answer: A, B

Explanation:

Reference: <https://www.mist.com/resources/mist-marvis-overview/>

Question No: 30

Which Marvis Action category will detect a bad cable based on information and behavior of a single AP?

- A. AP
- B. Connectivity
- C. Layer 1
- D. Switch

Answer: C

Explanation:

Reference: <https://www.mist.com/documentation/category/marvisactions/#:~:text=Layer%201%20Actions&text=Bad%20Cable%20Bad%20cable%20cases,Ethernet%20errors%20across%20your%20network>

Question No: 31

You are inviting a new administrator into a Mist organization.

In this scenario, which two roles are valid? (Choose two.)

- A. Advanced
- B. Observer
- C. Installer
- D. Custom

Answer: BC

Explanation:

Reference: <https://www.mist.com/documentation/administrator-roles/>

Question No: 32

Mist cloud supports single sign-on in which two scenarios? (Choose two.)

- A. account login used for NETCONF
- B. Wi-Fi guest login access
- C. account login used for the RESTful API
- D. admin login to the Mist portal

Answer: B, C

Explanation:

Question No: 33

Which Mist supported API is considered data-driven?

- A. RESTful
- B. Webhook
- C. WebSocket
- D. gRPC

Answer: A

Explanation:

According to the Mist documentation<sup>1</sup>, the Dashboard API is a modern, RESTful API using HTTPS requests to a URL and JSON as a human-readable format. The API is available to any customer with a Mist account and is very well documented.

RESTful APIs are considered data-driven because they use HTTP methods (such as GET, POST, PUT, DELETE) to manipulate data resources on a server<sup>2</sup>. They also follow a set of design principles that make them scalable, uniform, and stateless.

Question No: 34

You want to determine where you have coverage issues in your network using Marvis Actions.

Which Marvis Action category should you use in this situation?

- A. Connectivity
- B. Application
- C. Clients
- D. AP

Answer: A

Explanation:

Question No: 35

How does Mist detect rogue APs?

- A. by using the AP's 2.4 GHz radio band
- B. by using Radio Resource Management (RRM)
- C. by using the AP's third dedicated radio
- D. by using the AP's 5 GHz radio band

Answer: C

Explanation:

Reference: <https://www.mist.com/documentation/rogue-neighbor-honeypotaps/#:~:text=In%20addition%20to%20the%202.4,and%205%20GHz%20radio%20bands>

Question No: 36

www.VCEplus.io

The status of user authentication will affect which pair of SLEs?

- A. Successful Connects and Time to Connect
- B. Coverage and Roaming
- C. Capacity and Successful Connects
- D. Time to Connect and Throughput

Answer: A

Explanation:

Question No: 37

Besides providing AP configuration status, for which other purpose is the LED used in the location design phase?

- A. height orientation
- B. channels in use
- C. frequency selection
- D. antenna orientation

Answer: D

Explanation:

Question No: 38

A user called a help desk to report a Wi-Fi issue.

In this scenario, what information must be provided for Marvis to troubleshoot the issue? (Choose two.)

- A. user home address
- B. the MAC address of the client device
- C. the time of the incident
- D. the access point to which the client was connected

Answer: B, D

Explanation:

Question No: 39

Which two Mist-supported APIs are considered event-driven? (Choose two.)

- A. RESTful
- B. gRPC
- C. WebSocket
- D. Webhook

Answer: C, D

Explanation:

Question No: 40

In a Mist deployment, the Radio Resource Management feature is an example of which type of machine learning?

- A. visual learning
- B. reinforcement learning
- C. unsupervised learning
- D. supervised learning

Answer: D

Explanation:

Reference: <https://www.mist.com/resources/mist-platform-solution-brief/>

Question No: 41

You want to review client information about a specific AP.

In this scenario, where in the UI would you look?

- A. Access Points
- B. AP Insights
- C. Client Insights
- D. SLEs

Answer: C

Explanation:

Question No: 42

Which two statements are correct about microservices? (Choose two.)

- A. A microservice can be added without system downtime.
- B. All microservices can be updated at the same time without downtime.
- C. A microservice can be updated without system downtime.
- D. Each microservice uses the same virtual hardware.

Answer: A, C

Explanation:

Question No: 43

Which two statements are correct about label configuration? (Choose two.)

- A. Labels created at the organization level can be used in WLAN templates.
- B. Labels can only be created at the organization level.
- C. Labels can be created at either the organization level or site level.
- D. Labels created at the site level can be applied at the organization level.

www.VCEplus.io

Answer: A, C

Explanation:

Question No: 44

Which statement is correct about Mist SLEs?

- A. A Mist classifier is comprised of multiple SLEs.
- B. A Mist SLE is comprised of multiple classifiers.
- C. A Mist classifier is comprised of a single SLE.
- D. A Mist SLE is comprised of a single classifier.

Answer: B

Explanation:

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

Question No: 45

Which two SLEs report DHCP problems? (Choose two.)

- A. Successful Connects
- B. Time to Connect
- C. Capacity
- D. Throughput

Answer: AB

Explanation:

Question No: 46

What are two prerequisites for adopting Juniper switches for Wired Assurance? (Choose two.)

- A. a claim code
- B. a Wired Assurance license
- C. an activation code
- D. an account on manage.mist.com

Answer: B, C

Explanation:

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

Question No: 47

Which two domains comprise artificial intelligence (AI)? (Choose two.)

- A. machine learning
- B. deep learning

www.VCEplus.io

C. SIEM

D. virtualization

Answer: A, B

Explanation:

Reference: <https://www.analyticssteps.com/blogs/6-major-branches-artificial-intelligence-ai>

Question No: 48

You attempt to log in to manage.mist.com, however you receive a 404 error from your browser. You are able to browse other public websites and you suspect a problem with manage.mist.com.

In this scenario, which step would you take to immediately find out the status of the Mist cloud?

A. Visit <https://support.juniper.net/support/>.

B. Visit <https://status.mist.com>.

C. Visit <https://mist.com/status>.

D. Visit <https://www.mist.com/support>.

Answer: B

Explanation:

Question No: 49

Which machine learning method involves rewarding and punishing an agent?

A. unsupervised learning

B. supervised learning

C. deep learning

D. reinforcement learning

Answer: D

Explanation:

Question No: 50

You are asked to bring Mist APs online for your organization.

In this situation, which port must be allowed on your company's firewall for AP access to the Mist cloud?

A. TCP/80

B. TCP/443

C. UDP/1812

D. UDP/22

Answer: B

Explanation:

Reference: <https://www.mist.com/documentation/ports-enablefirewall/#:~:text=Mist%20APs%20need%20the%20following,be%20a%20public%20DNS%20server>



Question No: 51

In which two Mist configuration levels would you create labels? (Choose two.)

- A. site
- B. organization
- C. switch
- D. location

Answer: A, B

Explanation:

Reference: <https://www.mist.com/documentation/organization-labels-vs-site-labels/>

Question No: 52

How should APs be deployed for location-based services (LBS)?

- A. with the LED facing the floor
- B. with the LED facing the ceiling
- C. with the LED facing a wall
- D. with the AP mounted on a wall

Answer: A

Explanation:

Question No: 53

Which administrator role must you have to view audit logs?

- A. Installer
- B. Network Admin
- C. Super User
- D. Observer

Answer: C

Explanation:

Question No: 54

Which statement is correct about Bluetooth and BLE?

- A. BLE is an upgrade to Bluetooth.
- B. Bluetooth and BLE use the same radio channels.
- C. Bluetooth and BLE are compatible.
- D. BLE is a newer technology than Bluetooth.

Answer: D

www.VCEplus.io

Explanation:

Reference: <https://www.link-labs.com/blog/bluetooth-vs-bluetooth-low-energy>

Question No: 55

Which statement defines the total user minutes?

- A. The total number of minutes for which Mist has statistics for each client.
- B. The total number of minutes between a client's last association and disassociation.
- C. The total amount of device uptime over the last seven days.
- D. The average number of minutes that all clients have been associated to the network.

Answer: A

Explanation:

Question No: 56

Which two categories are included in the Connectivity Marvis Action? (Choose two.)

- A. Offline AP
- B. Bad Cable
- C. ARP Failure
- D. DNS Failure

Answer: C, D

Explanation:

Question No: 57

Which statement is correct about Mist AP packet capture?

- A. You can configure a wired or wireless packet capture manually.
- B. You can only configure wired packet captures manually.
- C. You can only trigger wired or wireless packet captures dynamically.
- D. You can only configure wireless packet captures manually.

Answer: C

Explanation:

Reference: <https://www.mist.com/documentation/dynamic-packet-captures/>

Question No: 58

A Mist mesh network supports up to how many hops?

- A. 1 hop
- B. 2 hops
- C. 3 hops

www.VCEplus.io

D. 4 hops

Answer: D

Explanation:

Question No: 59

A user device sends signal information to the Mist Location Engine.

In this scenario, what is expected from the Mist Location Engine?

A. product advertisements

B. coordinates

C. sensor device information

D. login splash page

Answer: B

Explanation:

Question No: 60

Which location mode is required to track BLE badges?

A. wayfinding

B. BLE asset visibility

C. Wi-Fi location

D. vBLE Engagement

Answer: B

Explanation:

Reference: <https://www.juniper.net/us/en/products/cloud-services/asset-visibility.html>

Question No: 61

Which statement is correct about Marvis Actions?

A. It summarizes user trouble tickets and detected AP problems.

B. It automatically detects and reports network problems.

C. It summarizes all of the misconfigured WLANs at a site.

D. It automatically issues an RMA for an AP.

Answer: B

Explanation:

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

Question No: 62

What is a feature within Mist AI that uses unsupervised machine learning?

- A. vBLE engagement
- B. Insights
- C. Service Level Expectations
- D. Alerting

Answer: B

Explanation:

Reference: [https://www.mist.com/resources/mist-platform-solution-brief/#:~:text=Natural%20Language%20Processing%20\(NLP\)%20is,accurately%20locate%20users%20and%20devices](https://www.mist.com/resources/mist-platform-solution-brief/#:~:text=Natural%20Language%20Processing%20(NLP)%20is,accurately%20locate%20users%20and%20devices)

Question No: 63

What are three alert levels used in the Mist UI? (Choose three.)

- A. critical
- B. warning
- C. error
- D. notice
- E. informational

Answer: A, B, E

Explanation:

Reference: <https://www.mist.com/documentation/alert-types/>

Question No: 64

What happens when Mist subscriptions expire?

- A. Devices retain their configurations but the Mist user is prevented from accessing the Mist management GUI.
- B. Devices retain their configurations and all Mist management GUI functionality remains available to the user.
- C. Devices retain their configurations but Mist management GUI functionality related to expired subscriptions are not configurable by the user.
- D. Devices retain their configurations for 90 days; if the subscriptions are not renewed, the configuration is deleted and the devices are reset to factory default.

Answer: C

Explanation:

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

Question No: 65

vBLE engagement works on transmit mode and has 1 m to 3 m accuracy using which feature?

- A. Wi-Fi IoT sensors
- B. a BLE radio
- C. Wi-Fi enabled devices
- D. the Mist location SDK

Answer: B

Explanation:

Reference: <https://www.juniper.net/us/en/products/cloud-services/user-engagement.html>

Question No: 66

Which characteristic describes Mist's cloud software architecture?

- A. microservices based
- B. shard based
- C. controller based
- D. monolithic code

Answer: A

Explanation:

Reference: <https://www.mist.com/cloud-architecturemicroservices/#:~:text=The%20Mist%20cloud%20is%20built,take%20minutes%20instead%20of%20months>

Question No: 67

Which two statements about the Mist UI are true? (Choose two.)

- A. It can initiate a wireless packet capture.
- B. It can initiate a wired packet capture.
- C. It can initiate a BLE packet capture.
- D. It can initiate a packet capture on cloud uplink.

Answer: A, B

Explanation:

Reference: <https://www.mist.com/documentation/wired-packet-capture/>

Question No: 68

What are two characteristics of the 2.4 GHz band when compared to the 5 GHz band? (Choose two.)

- A. shorter wavelength
- B. lower frequency
- C. less non-Wi-Fi interference
- D. more congestion

Answer: B, D

Explanation:

Reference: <https://kb.netgear.com/29396/What-is-the-difference-between-2-4-GHz-and-5-GHzwireless-frequencies>

Question No: 69

When would be the earliest opportunity to configure an access point (AP)?

www.VCEplus.io

- A. after you are on the same network as the AP
- B. after the AP is installed
- C. after the AP is online
- D. after the AP is claimed to inventory

Answer: B

Explanation:

Reference: <https://www.juniper.net/us/en/products/access-points.html>

Question No: 70

Which statement is correct regarding settings at the organizational level?

- A. The organizational level is where you define each location's specific information.
- B. The organizational level is where you specify customer-level global details.
- C. The organizational level is where you enable BLE capabilities, if you have a license.
- D. The organizational level is where you specify information about each AP's placement.

Answer: A

Explanation:

Question No: 71

Under ideal conditions, which frequency band will have the farthest usable range?

- A. 900 MHz
- B. 2.4 GHz
- C. 5 GHz
- D. 6 GHz

Answer: B

Explanation:

Reference: [https://en.wikipedia.org/wiki/Long-range\\_Wi-Fi](https://en.wikipedia.org/wiki/Long-range_Wi-Fi)

Question No: 72

Which statement is correct about a WLAN RF medium?

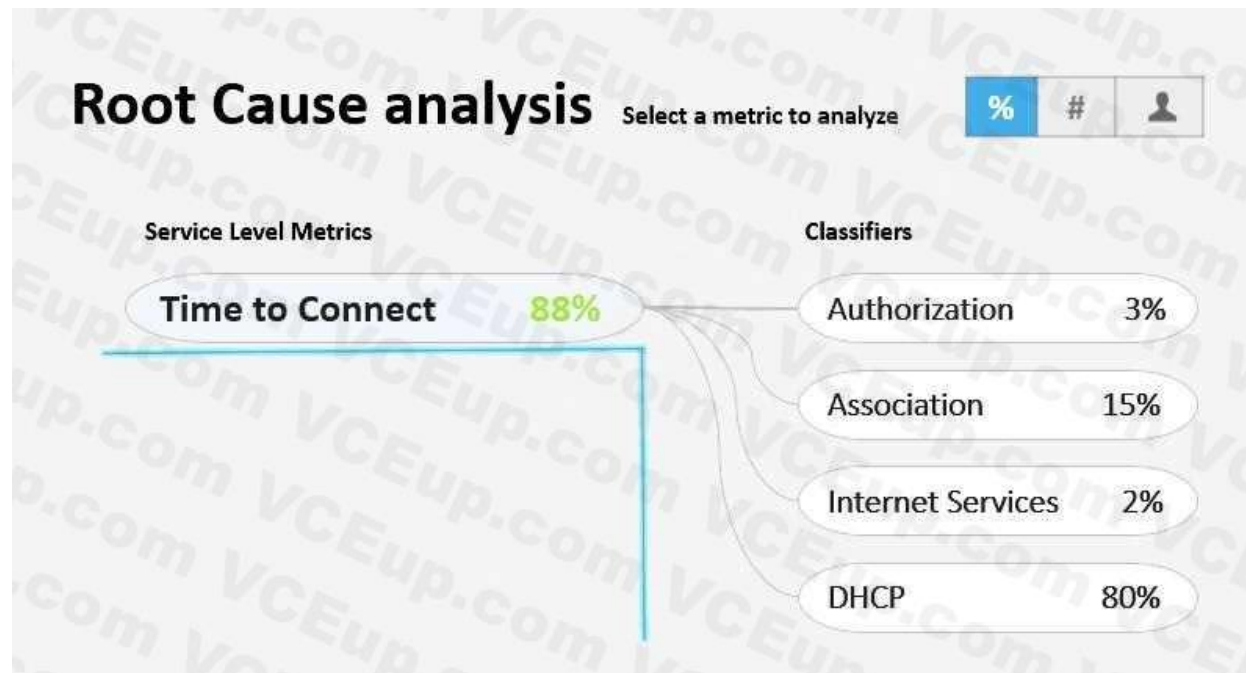
- A. A WLAN RF is a full duplex, contention free medium where each client transmits on a separate channel.
- B. A WLAN RF is a full-duplex, contention-free medium where 802.11 stations can transmit and receive at the same time.
- C. A WLAN RF is a half-duplex, shared medium where 802.11 stations contend with each other for access.
- D. A WLAN RF is a half-duplex, contention-free medium where the access point polls each station in turn.

Answer: C

Explanation:

Reference: <https://thewlan.com.au/2017/01/13/cwna-chapter-7-wireless-lan-topologies/>

Question No: 73



Referring to the exhibit, what do you determine about the site's Time to Connect SLE metric?

- A. Successful connect averaged 1.6 seconds.
- B. Eighty percent of the Time to Connect failures are related to DHCP failures
- C. All clients cannot connect to the Internet.
- D. Time to Connect Association DHCP failures impacted 80% of users.

Answer: B

Explanation:

Question No: 74

What is an 802.11 management frame transmitted by an AP?

- A. echo request
- B. ping
- C. keepalive
- D. beacon

Answer: D

Explanation:

Reference: <https://howiwifi.com/2020/07/13/802-11-frame-types-and-formats>

Question No: 75

You are troubleshooting a signal strength issue when you notice that the signal strength changes from -70 to -73 dBm as you move from one room to another.

In this scenario, what is happening?

- A. Signal strength has increased by 10x.
- B. Signal strength has decreased by 10x.
- C. Signal strength has doubled.
- D. Signal strength has halved.

Answer: D

Explanation:

Question No: 76

Users are complaining about WLAN performance and the Mist dashboard reports non-Wi-Fi interference.

Which diagnostics tool would you use to further investigate this issue on-site and determine the location of the interference?

- A. spectrum analyzer
- B. protocol analyzer
- C. wireless design software
- D. WLAN scanner

Answer: A

Explanation:

Reference: <https://www.mist.com/resources/ap43-access-point/>

Question No: 77

You have just brought online a new site of AP43s. While verifying that everything looks good, you notice that all of the access points (APs) are reporting "insufficient power." The APs are connected to an 802.3at-capable switch.

In this scenario, what would be the cause of the error?

- A. The cable run to each AP is too long.
- B. The Ethernet cable is plugged into the wrong port on the AP.
- C. The APs' firmware must be upgraded.
- D. LLDP-MED is not configured on the switch.

Answer: D

Explanation:

www.VCEplus.io