



Vendor: Juniper

Exam Code: JN0-750

Exam Name: Mist AI, Professional (JNCIP-MistAI)

Version: DEMO

QUESTION 1

A NOC Operator is troubleshooting a widespread report of "bad Wi-Fi" at a critical branch office. The operator suspects a systemic issue, like a failing DNS or DHCP server, is affecting many users simultaneously. They need to see a consolidated view of recent, major network problems. Which Mist Webhook subscription would provide the most relevant, high-level alerts for this type of investigation?

- A. Subscribing to `client-join-failures` to see every individual failed connection.
- B. Subscribing to `marvis-actions` to receive notifications about AI-detected, widespread issues.
- C. Subscribing to `device-updowns` to see if APs are rebooting.
- D. Subscribing to `audit-logs` to see if a recent configuration change was the cause.

Answer: B

QUESTION 2

A Network Administrator is creating a standardized set of variables for their Ansible playbooks that automate Mist configurations. The variables are stored in a file named `vars.yml`.

A snippet of the file is as follows:

```
site_details:
- name: "HQ-Site"
  address: "1 Corporate Drive"
  timezone: "America/New_York"
- name: "Branch-Site"
  address: "200 Business Park"
  timezone: "America/Chicago"
```

What data structure format is being used in this file?

- A. JSON
- B. YAML
- C. XML
- D. Jinja2

Answer: B

QUESTION 3

An Automation Developer needs to retrieve the raw data points that Mist uses to calculate the "Coverage" SLE for a specific client. They want to see the client's RSSI, SNR, and data rate over the past hour. Which Mist automation tool is designed to stream this type of detailed, real-time telemetry?

- A. The WebSocket API, by subscribing to the client's telemetry channel.
- B. The REST API endpoint `GET /api/v1/sites/{site\_id}/clients/{client\_mac}`.
- C. The Audit Logs.
- D. A Webhook subscribed to the `client-events` topic.

Answer: A

QUESTION 4

A Network Administrator is using the Mist API to automate a weekly performance report. The script needs to determine if the "Successful Connects" wireless SLE for a site met its goal of 95% for the past week.

The script makes an API call to `GET /api/v1/sites/{site\_id}/sle/wifi/summary` and receives this response:

```
{
  "start_time": 1678272000,
  "end_time": 1678876800,
  "sle_metrics": {
    "time_to_connect": {
      "success_rate": 96.2,
      "failure_rate": 3.8
    }
  }
}
```

Based on this data, what conclusion can the script draw?

- A. The API call was incorrect and returned data for the wrong SLE.
- B. The SLE goal was not met.
- C. The data is inconclusive because it does not show the number of failed clients.
- D. The SLE goal of 95% was met and exceeded.

Answer: D

QUESTION 5

A Network Architect is using a Python script to automate the creation of a new site and immediately apply a standard set of WxLAN policies for guest and IoT segmentation. What is the correct order of operations for the script to follow?

- A. 1. Create Site -> 2. Apply WxLAN Policies to Site -> 3. Create WLANs
- B. 1. Create WLANs -> 2. Apply WxLAN Policies to WLANs -> 3. Create Site
- C. 1. Create Site -> 2. Create WLANs -> 3. Create WxLAN Policies -> 4. Apply Policies to WLANs
- D. 1. Create WxLAN Policies -> 2. Create Site -> 3. Create WLANs (referencing policies)

Answer: D

QUESTION 6

An Automation Developer is troubleshooting a Python script that pulls wireless client health metrics. They are querying the `/api/v1/sites/{site\_id}/clients/{client\_mac}` endpoint to get details for a specific client.

The script receives the following JSON response snippet:

```
{
  "mac": "AA:BB:CC:DD:EE:FF",
  "health": {
    "coverage": 95,
    "roaming": 88,
    "time_to_connect": 75
  }
}
```

}

What do the numerical values in the `health` object represent?

- A. The number of connection failures for each category.
- B. The percentage of time the client met the SLE for that category.
- C. The raw signal strength (RSSI) in dBm.
- D. A health score from 0 to 100, where 100 is the best possible score.

Answer: D

QUESTION 7

A Network Architect wants to understand the roaming performance of wireless clients in a warehouse environment. They need to identify which APs are involved in problematic roaming events (e.g., "slow" roams or "sticky" clients). Which Mist analytics tool provides a detailed, visual log of a client's roaming history, including which APs it roamed between and the RSSI at each step?

- A. The "Client Events" log for the specific client device.
- B. The "Location" floorplan view.
- C. The main "Insights" dashboard for the site.
- D. The "Switch Insights" page for the switches the APs are connected to.

Answer: A

QUESTION 8

A Network Administrator is configuring a new switch using a layered approach in Mist.

- A global Switch Template at the Organization level sets the NTP and syslog servers.
- A Device Profile at the Site level sets the port profiles and VLANs.
- A manual override on the device itself sets a custom description for port `ge-0/0/10`.

If the Device Profile defines port `ge-0/0/10` with the description "Standard Access Port" and the manual override sets it to "Uplink to Core", what will be the final, applied configuration for that port's description?

- A. The Site-level Device Profile's setting ("Standard Access Port").
- B. The device-level manual override ("Uplink to Core").
- C. The Organization template's setting.
- D. The configurations will conflict and cause an error.

Answer: B

QUESTION 9

A Helpdesk Technician is configuring a Webhook to integrate with a custom application. The application needs to be able to verify that the events it receives are genuinely from the Juniper Mist cloud and have not been altered. Which feature must be configured in both the Mist Webhook settings and the receiving application to enable this verification?

- A. A Certificate and Private Key
- B. An API Token
- C. An OAuth 2.0 Client ID
- D. A Shared Secret

Answer: D

QUESTION 10

A Network Architect has created a custom report by saving a specific view of an Insights dashboard. They want to share this report with a manager who does not have a Mist administrator account. Which features allow for sharing this data? (Select all that apply.)

- A. Schedule the report to be emailed on a recurring basis.
- B. Export the report data to a CSV file.
- C. This is not possible; all data is restricted to authenticated administrators.
- D. Generate a public, read-only link to the report.
- E. Add the manager's email to the report's Webhook subscription.

Answer: AB

QUESTION 11

A Guest User Manager is setting up a new site that will use a Captive Portal for guest access. The portal's configuration, including the logo and terms of use, is defined in a "Guest Portal" template at the organization level. The guest WLAN itself is defined in a "WLAN Template". What is the correct order of operations to create and link these objects?

- A. 1. Create WLAN Template -> 2. Create Portal Template -> 3. Link Portal to WLAN Template
- B. 1. Create Portal Template -> 2. Create WLAN Template (referencing Portal) -> 3. Create Site and Apply WLAN Template
- C. 1. Create Site -> 2. Create WLAN at Site level -> 3. Create Portal at Site level
- D. 1. Create Portal Template -> 2. Create Site -> 3. Apply Portal Template directly to the Site

Answer: B

QUESTION 12

Scenario Title: Automating Multi-Site Retail Store Onboarding

Scenario Description:

A Solutions Consultant is working with a large retail company that is rapidly opening 50 new stores. The IT team is small, and they need a fully automated solution to bring new sites online quickly and consistently. The consultant's proposed solution is to use a Python script that interacts with the Juniper Mist REST API to perform all Day 1 operations.

Workflow Requirements:

- 1. Site Creation: The script must create a new site in the Mist organization, using a CSV file as the input for site names and addresses.
- 2. Device Assignment: The script must assign pre-claimed access points (APs) and switches from the organization's inventory to the newly created site.
- 3. Configuration Application: The script must apply a standardized "Retail-Store-WLAN-Template" and a "Retail-Store-Switch-Template" to the site to ensure consistent network configuration.
- 4. Verification: After configuration, the script must verify that the templates have been

successfully applied.

Technical Context:

- The consultant is using the `mistapi` Python library to simplify API interactions.
- An API token with "Super User" privileges for the organization has been created.
- A CSV file (`new\_stores.csv`) contains the `site\_name` and `site\_address` for each new store.
- A list of pre-claimed device MAC addresses is available for each new site.

Supporting Data:

A snippet from the Python script showing an authenticated session object:

```
import mistapi
import os
...

# Assume API token and org_id are set as environment variables my_token =
os.environ.get("MIST_TOKEN")
my_org_id = os.environ.get("MIST_ORG_ID")
mist_session = mistapi.APISession(apitoken=my_token)
...
```

Referring to the scenario, which API endpoint is the Python script using to fulfill the "Site Creation" requirement?

- A. `PUT /api/v1/sites/{site\_id}`
- B. `POST /api/v1/orgs/{org\_id}/inventory`
- C. `GET /api/v1/orgs/{org\_id}/sites`
- D. `POST /api/v1/orgs/{org\_id}/sites`

Answer: D

QUESTION 13

For the "Device Assignment" step, the script needs to move a list of APs from the organization inventory to a new site. Which API call is required to perform this action for a list of devices?

- A. A `GET` request to `/api/v1/orgs/{org\_id}/inventory` to retrieve the device IDs.
- B. A `PUT` request to `/api/v1/orgs/{org\_id}/inventory` with the `site\_id` and a list of MAC addresses in the payload.
- C. A `POST` request to `/api/v1/sites/{site\_id}/devices` with a list of MAC addresses in the payload.
- D. A `DELETE` request from `/api/v1/orgs/{org\_id}/inventory` followed by a `POST` to `/api/v1/sites/{site\_id}/devices`.

Answer: B

QUESTION 14

To satisfy the "Configuration Application" requirement, the script must assign the standard WLAN and Switch templates to the new site. The script has already created the site and retrieved the new `site\_id`. It also knows the `wlan\_template\_id` and `network\_template\_id` (for switches). What is the correct API call to apply these templates?

- A. A `POST` request to `/api/v1/sites/{site\_id}/wlans` to create the WLANs from the template.
- B. A `PUT` request to `/api/v1/sites/{site\_id}` with the template IDs included in the site settings object.
- C. A `PUT` request to `/api/v1/orgs/{org\_id}/templates` with the site ID and template IDs in the

payload.

D. A `POST` request to `/api/v1/sites/{site\_id}/templates` with the template IDs in the payload.

Answer: B

QUESTION 15

For the final "Verification" step, the Solutions Consultant's script needs to confirm that the `Retail-Store-WLAN-Template` was successfully applied to the new site. Which actions should the script perform to programmatically verify this? (Choose 2.)

- A. Check the audit logs for a "Template Applied" message.
- B. Make a `GET` request to `/api/v1/orgs/{org\_id}/templates/{template\_id}`.
- C. Check if the `wlan\_template\_id` key in the response from the previous step has a non-null value that matches the intended template ID.
- D. Make a `GET` request to `/api/v1/sites/{site\_id}/wlans` and check if the WLANs exist.
- E. Make a `GET` request to `/api/v1/sites/{site\_id}`.

Answer: CE

QUESTION 16

The retail company wants to expand the automation script. After a new site is fully onboarded and configured, the script should post a message to a corporate Slack channel announcing that the new store's network is online. Which Mist automation features would be required to implement this new step?

- A. The script needs to use the `mistapi` library to send the Slack message.
- B. The script must make an additional, separate API call to the Slack API.
- C. A Mist Alert Template configured to post to Slack.
- D. A Mist Webhook subscribed to the `site-online` event.

Answer: B

QUESTION 17

SCENARIO START

Scenario Title: Automating Security Incident Response with Webhooks

Scenario Description:

A Solutions Consultant is designing an advanced security workflow for a financial services client. The client wants to automate their incident response process by integrating Juniper Mist with their Security Orchestration, Automation, and Response (SOAR) platform. The primary goal is to instantly quarantine any wired or wireless client that is identified as a threat by the Juniper ATP (Advanced Threat Prevention) cloud, which is integrated with Mist WAN Assurance.

Workflow Requirements:

1. Real-time Threat Detection: When a client is flagged by Juniper ATP with a high threat score, Mist must immediately send a notification.
2. Automated Quarantine: The SOAR platform, upon receiving the notification, must automatically execute a playbook. This playbook uses the Mist REST API to move the compromised client into a "Quarantine" WxLAN policy, which blocks all network access except to a remediation server.
3. Closed-Loop Verification: The SOAR platform needs to confirm that the quarantine action was successful.

Technical Context:

- The client has WAN Assurance, enabling Juniper ATP integration and risk profiling for clients.
- A "Quarantine" WxLAN policy has been pre-configured in Mist.
- The SOAR platform has a dedicated HTTP endpoint to receive incoming alerts and trigger playbooks.
- The Solutions Consultant has configured an API token for the SOAR platform to use for making API calls back to Mist.

Supporting Data:

A sample JSON payload sent from Mist when a threat is detected:

```
{
  "topic": "security-events",
  "events": [
    {
      "type": "atp_event",
      "site_id": "a1b2c3d4-e5f6-7890-1234-567890abcdef",
      "client_mac": "AA:BB:CC:DD:EE:FF",
      "threat_score": 9,
      "threat_details": "Malware C2 Communication Detected"
    }
  ]
}
```

SCENARIO END

Referring to the scenario, which Juniper Mist feature is the trigger for this entire automated workflow?

- A. A Webhook subscribed to the `security-events` topic.
- B. A periodic report generated by the Mist portal.
- C. A REST API call from the SOAR platform to query client threat scores.
- D. A Marvis Action for "Security Anomaly".

Answer: A

QUESTION 18

When the SOAR platform receives the Webhook notification, its first step is to execute the quarantine action. The playbook needs to tell Mist to apply the "Quarantine" policy to the client. Which Mist REST API endpoint must the SOAR platform call to enforce this client quarantine?

- A. `POST /api/v1/sites/{site\_id}/clients/unauthorize`
- B. `PUT /api/v1/sites/{site\_id}/devices/{ap\_mac}`
- C. `POST /api/v1/sites/{site\_id}/wlans/{wlan\_id}/clients`
- D. `DELETE /api/v1/sites/{site\_id}/clients/{client\_mac}`

Answer: A

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