Juniper JN0-460 JNCIS-MistAI-Wired Practice Questions

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Question 1

Question Type: MultipleChoice

Which statement is correct about the Switch Insights section?

Options:

A- A user can view traffic per port on this page.
B- The Switch Insights feature is only available for EX Series switches.
C- Only the top five switch events are available on this page.
D- Users can rollback to a previously known configuration from this page.

Answer:

A

Explanation:

TheSwitch Insightssection in the Mist dashboard provides detailed switch telemetry, including interface statistics, port utilization, client count, and traffic analysis. It allows administrators to view real-time and historicaltraffic per port, identify top talkers, and detect anomalies.

''The Switch Insights page displays real-time and historical data such as traffic per port, PoE usage, connected clients, and interface errors for every switch managed by Mist.''

Option A:Correct--- port-level traffic and utilization metrics are visible in Switch Insights.

Option B:Incorrect --- available for all Mist-managed switches (EX and supported QFX).

Option C:Incorrect --- displays complete event history, not limited to five events.

Option D:Incorrect --- configuration rollback is done via the configuration history section, not Switch Insights.

Juniper Mist AI for Wired -- Switch Insights Overview

Juniper Mist Wired Assurance -- Switch Analytics and Port Utilization Guide

Juniper Mist AI Cloud -- Switch Telemetry and Event Monitoring

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Question 2

Question Type: MultipleChoice

A company has a Mist campus fabric with a single VRF and must configure group-based policy (GBP) tags to isolate different types of endpoints.

What would be an appropriate solution for this scenario?

Options:

A- Assign a separate GBP tag to each endpoint.
B- Assign GBP tags based on endpoint type.
C- Assign GBP tags based on endpoint location.
D- Assign a single GBP tag to all endpoints.

Answer:

B

Explanation:

Juniper Mist AI for Wired uses group-based policy (GBP) to enforce segmentation within a single VRF, without requiring separate VRFs per user group. GBP tags classify endpoints logically (e.g., employees, guests, IoT devices) and enforce security rules across the EVPN-VXLAN fabric.

''Group-Based Policy (GBP) provides scalable segmentation by assigning tags to endpoints based on attributes such as user type, role, or device type. These GBP tags are then used in policies to control communication between groups.''

Option A is inefficient: assigning unique tags per endpoint is not scalable.

Option C is incorrect: GBP is identity-based segmentation, not location-based.

Option D is incorrect: assigning a single tag defeats the purpose of segmentation.

Option B is correct: the best practice is to assign GBP tags based on endpoint type (e.g., servers, staff, IoT, guests), which then drives policy enforcement.

Juniper Mist AI for Wired -- Group-Based Policy (GBP) Configuration Guide

Juniper Validated Design -- GBP with EVPN-VXLAN in Campus Fabrics

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Question 3

Question Type: MultipleChoice

A switch is claimed in a Mist organization using the activation code.

What are two possible device states that the switch will have in this scenario? (Choose two.)

Options:

A- Connected
B- Inactive
C- Active
D- Unassigned

Answer:

A, D

Explanation:

When a switch is claimed into a Mist organization, it appears in one of several states depending on connectivity and site assignment.

''After claiming, switches initially appear as Unassigned if they are not yet linked to a site. Once online and connected to Mist Cloud, they transition to Connected status and begin receiving configurations and telemetry.''

Option A (Connected): Correct --- indicates the switch is online and communicating with Mist Cloud.

Option B (Inactive): Incorrect --- not a valid device state in Mist.

Option C (Active): Incorrect --- ''Active'' is not a device state label in Mist.

Option D (Unassigned): Correct --- indicates the switch has been claimed but not yet assigned to a site.

Juniper Mist AI for Wired -- Device Claiming and State Management Guide

Juniper Mist Cloud -- Switch Onboarding Workflow

Juniper Mist Wired Assurance -- Device Status Descriptions

Question 4

Question Type: MultipleChoice

You are asked to identify whether your wired network is experiencing issues with jitter.

Which Juniper Mist Wired Assurance service-level expectation (SLE) metric provides these details?

Options:

A- Throughput
B- Successful Connect
C- Capacity
D- Switch Health

Answer:

A

Explanation:

In Juniper Mist Wired Assurance, SLEs (Service Level Expectations) measure key performance indicators for wired network quality. Throughput SLE monitors data transfer quality, including latency, jitter, and packet loss, which directly impact real-time applications such as voice or video.

''The Throughput SLE provides visibility into end-to-end network performance by tracking latency, jitter, and packet loss, helping identify congestion or quality issues across wired connections.''

Option A (Throughput): Correct --- this SLE includes jitter measurement.

Option B (Successful Connect): Tracks client connection success rate, not jitter.

Option C (Capacity): Monitors link utilization and load, not jitter.

Option D (Switch Health): Monitors device hardware and software health, not traffic performance.

Juniper Mist AI for Wired -- Service Level Expectations (SLE) Overview

Juniper Mist AI for Wired -- Throughput SLE Metrics

Juniper Mist Wired Assurance Guide -- Performance Analytics

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Question 5

Question Type: MultipleChoice

You must provide physical connectivity between the core and access devices.

Which step of the campus fabric deployment process would allow you to accomplish this task?

Options:

A- Define the topology type and select the devices.
B- Configure the underlay network.
C- Configure the overlay network.
D- Apply the intent.

Answer:

A

Explanation:

In the Campus Fabric Deployment Wizard, the first step is defining the topology type (3-stage or 5-stage IP Clos) and mapping the physical connections between devices (core, distribution, and access).

''The first step in the campus fabric deployment process is to define the topology and identify physical connections between devices. This ensures correct port mapping between core, distribution, and access tiers.''

Option A: Correct --- topology definition and physical connectivity mapping occur in the initial step.

Option B: Incorrect --- the underlay network configuration happens after topology definition.

Option C: Incorrect --- overlay configuration handles EVPN/VXLAN and routing setup, not physical cabling.

Option D: Incorrect --- applying intent finalizes the deployment but does not define connectivity.

Juniper Mist AI for Wired -- Campus Fabric Deployment Workflow

Juniper Mist AI for Wired -- Topology Definition and Physical Connectivity Guide

Juniper Validated Design -- IP Clos Campus Fabric Planning

Question 6

Question Type: MultipleChoice

A system administrator wants to onboard switches to a greenfield site.

In this scenario, which three actions will accomplish this task? (Choose three.)

Options:

A- Use the Juniper Networks switch serial number.
B- Use the Juniper Networks switch QR claim code.
C- Use bulk claiming switches from a Juniper Mist sale order.
D- Use the API to automate autoprovisioning of the switches to Juniper Mist.
E- Use the Juniper Networks system MAC address number.

Answer:

B, C, D

Explanation:

For greenfield onboarding, switches are newly deployed and must be claimed into Mist Cloud. Juniper Mist offers multiple claim options to simplify large-scale onboarding.

''You can claim switches using the device's QR claim code, by bulk importing from a sales order, or through API-based automation for large deployments. Each of these methods securely associates the devices to your organization in Mist Cloud.''

Option A: Incorrect --- serial number alone is not sufficient for claiming.

Option B: Correct --- claim codes (QR) uniquely identify switches.

Option C: Correct --- bulk claim from a sale order streamlines large deployments.

Option D: Correct --- APIs support automated claiming and provisioning workflows.

Option E: Incorrect --- MAC address alone cannot be used to claim devices.

Juniper Mist AI for Wired -- Switch Onboarding and Claiming Guide

Juniper Mist AI Cloud -- Greenfield Deployment and Automation Documentation

Juniper Mist Wired Assurance -- API-Based Device Provisioning

Question 7

Question Type: MultipleChoice

You are asked to forward event messages from Mist to an external log collector.

In this scenario, which feature would enable this capability?

Options:

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

Answer:

A

Explanation:

Syslog enables forwarding event messages from Mist AI to an external log collector.

Syslog can use UDP or TCP transport and allows centralized monitoring of switch and site events.

Mist AI for Wired -- Syslog Integration Guide

Mist Cloud Event Forwarding Configuration

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Question 8

Question Type: MultipleChoice

In a Juniper Mist campus fabric deployment using EVPN-VXLAN, which component performs the VXLAN encapsulation and de-encapsulation functions?

Options:

A- VLAN
B- VTEP
C- EVPN route reflector
D- GBP tag

Answer:

B

Explanation:

Comprehensive and Detailed Explanation From Exact Extract:

In EVPN-VXLAN architectures, the VXLAN Tunnel Endpoint (VTEP) is the logical interface responsible for encapsulating and de-encapsulating Layer 2 Ethernet frames into VXLAN packets.

Each participating switch --- typically the access or distribution node --- hosts a VTEP that maps local VLANs to VXLAN Network Identifiers (VNIs).

When a packet leaves a local VLAN, the VTEP encapsulates it in a VXLAN header and routes it through the underlay IP fabric.

When received at the destination VTEP, the frame is de-encapsulated and delivered to the appropriate local VLAN.

''VTEPs in an EVPN-VXLAN campus fabric perform MAC-to-VNI mapping and encapsulate/decapsulate traffic between virtualized network segments, allowing seamless Layer 2 and Layer 3 connectivity across an IP underlay.''

Juniper Mist AI for Wired -- Campus Fabric EVPN-VXLAN Overview

Juniper Validated Design (JVD): Mist AI Campus Fabric Deployment Guide

Junos OS EVPN and VXLAN Configuration Guide

Question 9

Question Type: MultipleChoice

Which two elements are required for a brownfield adoption? (Select two.)

Options:

A- DNS resolution
B- Internet connectivity
C- an imported Configuration Template
D- Outbound UDP 1280 access

Answer:

A, B

Explanation:

A brownfield adoption in Mist AI refers to onboarding existing Juniper switches (with existing configurations) into the Mist Cloud for management and monitoring. For the switch to connect successfully, it must be able to reach Mist Cloud services using DNS and Internet connectivity.

''To onboard existing (brownfield) switches into Mist Cloud, the device must have outbound Internet connectivity and DNS resolution to discover Mist Cloud service endpoints.''

Option A: Correct --- DNS is required for the switch to resolve Mist Cloud URLs.

Option B: Correct --- Internet access is required for registration and telemetry exchange.

Option C: Incorrect --- templates can be applied later but are not required for adoption.

Option D: Incorrect --- Mist uses TCP ports 2200 or 443, not UDP 1280.

Juniper Mist AI for Wired -- Brownfield Adoption Guide

Juniper Mist AI for Wired -- Cloud Connectivity Requirements

Juniper Mist Cloud -- Device Onboarding Workflow

Question 10

Question Type: MultipleChoice

What are the available Wired Assurance subscriptions for Juniper Mist switches in terms of port numbers?

Options:

A- 24-port switch only
B- 12-port and 24-port switches only
C- 12-port, 24-port, and 48-port switches
D- 12-port switch only

Answer:

C

Explanation:

Juniper Wired Assurance licensing is based on switch port count and supports a range of hardware platforms. Subscriptions are available for 12-port, 24-port, and 48-port models across the EX Series portfolio.

''Wired Assurance subscriptions are available for all supported EX Series switches in 12-port, 24-port, and 48-port license options, aligning to switch hardware configurations.''

Option A: Incorrect --- 24-port only does not cover all options.

Option B: Incorrect --- 12- and 24-port licenses exist, but 48-port is also supported.

Option C: Correct --- Mist supports 12-, 24-, and 48-port subscription tiers.

Option D: Incorrect --- 12-port alone is incomplete.

Juniper Mist AI for Wired -- Licensing and Subscription Guide

Juniper Mist AI Cloud -- Wired Assurance Licensing FAQ

Juniper Networks EX Series -- Licensing and Port-Based Subscription Matrix

Question 11

Question Type: MultipleChoice

Which two statements are correct about using the Managed option as your Juniper Mist Wired Assurance solution? (Choose two.)

Options:

A- All information in the Mist AI for supported wired devices is read-only.
B- A subscription is required.
C- No subscription is required.
D- All supported wired devices are fully managed by the Mist AI.

Answer:

B, D

Explanation:

When deploying Juniper Mist Wired Assurance in Managed mode, switches are fully integrated with Mist Cloud for configuration, monitoring, and AI-driven operations. Managed mode provides complete cloud-based management, meaning Mist AI handles configuration, templates, telemetry, and SLE tracking.

''In Managed mode, the switch configuration is fully managed by Mist Cloud. Administrators configure switches, templates, and policies directly through the Mist dashboard. A valid Wired Assurance subscription is required for Managed mode operation.''

Option A: Incorrect --- the ''Monitor Only'' mode is read-only, not Managed.

Option B: Correct --- Managed mode requires a Wired Assurance subscription.

Option C: Incorrect --- subscriptions are mandatory for Mist-managed devices.

Option D: Correct --- in Managed mode, all supported EX switches are fully managed by Mist AI, including configuration and telemetry.

Juniper Mist AI for Wired -- Managed vs. Monitor Mode Overview

Juniper Mist AI for Wired -- Licensing and Subscription Guide

Juniper Mist Cloud -- Wired Assurance Deployment Models

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