

Juniper JN0-460 Exam | JN0-460 Valid Test Duration - Test Engine Simulation of JN0-460 Exam Bible



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JN0-460 test guide is an examination material written by many industry experts based on the examination outlines of the calendar year and industry development trends. Its main purpose is to help students who want to obtain the certification of JN0-460 to successfully pass the exam. Compared with other materials available on the market, the main feature of JN0-460 Exam Materials doesn't like other materials simply list knowledge points. According to our statistics on the data so far, the passing rate of the students who have purchased one exam exceeds 99%, which is enough to see that JN0-460 test guide is a high-quality product that can help you to realize your dream.

Juniper JN0-460 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Campus Fabric Architecture: This section of the exam measures the skills of Network Design Engineers and focuses on understanding and deploying Campus Fabric Architectures. It introduces essential design concepts such as EVPN multihoming, IP Clos architecture, and micro-segmentation. The section also compares CRB and ERB models, explains scaling requirements, and highlights how the Campus Fabric Core-Distribution design supports high-performance, scalable, and secure enterprise networks.
Topic 2	<ul style="list-style-type: none">Campus EVPN-VXLAN: This section of the exam measures the skills of Data Center Network Engineers and explores the key principles of VXLAN and EVPN technologies. Candidates learn about Layer 2 tunneling, data and control plane operations, and the functions of VTEPs and VXLAN gateways. Additionally, it covers advanced EVPN concepts such as multipath routing, route types, and identifiers. The section concludes with a focus on MAC learning and policy applications to ensure efficient, scalable, and resilient network fabrics.

Topic 3	<ul style="list-style-type: none"> • Wired Assurance Management or Operations: This section of the exam measures the skills of Network Operations Engineers and focuses on the management and operational aspects of Wired Assurance. It covers switch management, port profiles, and dynamic port configuration to ensure optimal network performance. The section also explores service-level expectations, client insights, and the use of APIs for improved monitoring and automation. Candidates gain an understanding of how MistAI enables proactive management and predictive troubleshooting to maintain service quality.
Topic 4	<ul style="list-style-type: none"> • Wired Assurance Fundamentals: This section of the exam measures the skills of Network Support Engineers and covers the foundational elements of Wired Assurance within the MistAI ecosystem. It introduces candidates to key concepts such as supported devices, solution architecture, and the main features and components that define Wired Assurance functionality. Additionally, it highlights how MistAI accounts, analytics, and subscriptions integrate to deliver intelligent insights for network performance and operations.
Topic 5	<ul style="list-style-type: none"> • Wired Assurance Provisioning or Deployment: This section of the exam measures the skills of Network Deployment Specialists and focuses on the provisioning and deployment processes of Wired Assurance. It includes the essential steps and options involved in setting up networks, from configuration templates to deployment methodologies. Candidates learn about provisioning procedures, supported architectures, and the use of site variables to streamline automation and consistency across wired infrastructures.

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Updated Juniper JN0-460 Exam Questions in PDF Format for Quick Preparation

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Juniper Mist AI Wired, Specialist (JNCIS-MistAI-Wired) Sample Questions (Q10-Q15):

NEW QUESTION # 10

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

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

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." References:

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

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

NEW QUESTION # 11

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

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

Answer: C,D

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.

References:

[Juniper Mist AI for Wired - Brownfield Adoption Guide](#)

[Juniper Mist AI for Wired - Cloud Connectivity Requirements](#)

[Juniper Mist Cloud - Device Onboarding Workflow](#)

NEW QUESTION # 12

In an EVPN-VXLAN deployment, what is the significance of route distinguishers and route targets?

- A. Route targets are used for physical network design
- B. They both serve the same function in route separation
- C. They are optional components that can be omitted for small deployments
- D. Route distinguishers are used for route separation, while route targets define VPN membership

Answer: D

NEW QUESTION # 13

You have two sites connected to an EVPN network. Each site is using the 172.16.1.0/24 network for its own respective site.

How does EVPN prevent overlap in this scenario?

- A. It uses a Layer 2 gateway.
- B. It uses a route distinguisher.
- C. It uses an Ethernet segment identifier (ESI).
- D. It elects a designated forwarder.

Answer: B

Explanation:

EVPN, when used with VXLAN, leverages BGP MPLS/VXLAN control plane mechanisms. To prevent overlapping IP prefixes between different tenants or sites, EVPN uses a Route Distinguisher (RD).

"In EVPN-VXLAN, the route distinguisher (RD) makes routes unique when overlapping IP prefixes or MAC addresses are advertised between multiple tenants or sites." Option A (designated forwarder) applies to multi-homing in EVPN, not prefix uniqueness.

Option B (Layer 2 gateway) does not prevent IP overlap; it bridges VLANs.

Option D (ESI) is used for identifying multi-homed Ethernet segments, not to differentiate overlapping subnets.

Option C (Route Distinguisher) is correct, as it uniquely identifies routes even if the IP addresses are the same across sites.

References:

NEW QUESTION # 14

A company is planning to deploy a Juniper Mist campus fabric and wants to implement group-based policy (GBP) for microsegmentation.

Which statement is correct in this scenario?

- A. GBP requires access switches to be EX4100 or EX4400 switches.
- B. GBP can be implemented on any Juniper Networks switch that supports EVPN-VXLAN.
- C. GBP configuration should be repeated on every individual switch in the fabric.
- D. GBP configuration must be applied to each individual switch in the fabric using the CLI.

Answer: A

Explanation:

Group-Based Policy (GBP) is a Juniper EVPN-VXLAN feature that enables microsegmentation without requiring multiple VRFs or VLANs. It is implemented within Juniper Mist's Wired Assurance and Campus Fabric frameworks.

"GBP provides scalable, identity-based segmentation for campus fabrics and is supported on EX4100 and EX4400 Series switches operating in EVPN-VXLAN mode under Mist management." The feature requires hardware and software support for EVPN-VXLAN and GBP tagging, which is currently available on specific EX models managed by Mist Cloud.

Option A: Correct - GBP requires compatible access switches, specifically EX4100 and EX4400 models.

Option B: Incorrect - GBP is centrally managed through Mist Cloud, not configured per switch.

Option C: Incorrect - GBP is provisioned via Mist Cloud, not the CLI.

Option D: Incorrect - GBP is not supported on all EVPN-capable switches; only on defined platforms (EX4100 / EX4400).

References:

Juniper Mist AI for Wired - Group-Based Policy (GBP) Configuration Guide Juniper Validated Design - GBP in Campus Fabric EVPN-VXLAN Juniper EX Series Feature Support Matrix

NEW QUESTION # 15

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