JN0-224 Real Testing Environment - JN0-224 Exam Dump

Exam : **JN0-224**

Title : Automation and DevOps, Associate (JNCIA-DevOps)

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1.Which statement is correct about DevOps?

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Juniper JN0-224 Exam Syllabus Topics:

Topic	Details
Topic 1	• Junos Automation Stack and DevOps Concepts: This domain covers fundamental automation tools, frameworks, APIs, and DevOps culture applicable to Junos platform operations and network management.
Topic 2	• Data Serialization: This domain addresses YAML and JSON formats used for structured data representation and exchange in network automation workflows.
Topic 3	• NETCONF • XML API: This domain focuses on XML syntax, XPath expressions, NETCONF protocol, and XML API functionality for programmatic device configuration and communication.

Topic 4	• Rest API: This domain covers Junos REST API implementation, REST API Explorer tool, and cURL usage for HTTP-based device management and configuration.
Topic 5	• Python • PyEZ: This domain examines Python programming with PyEZ library for Junos automation, including JSNAPy, Jinja2 templates, RPC calls, exception handling, and device configuration management.

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Juniper Automation and DevOps, Associate (JNCIA-DevOps) Sample Questions (Q12-Q17):

NEW QUESTION # 12
Which two statements about Junos automation are correct? (Choose two.)

- A. Junos automation allows for device provisioning through the console port.
- B. The Junos REST API client is off-box.
- C. Junos automation does not allow for device provisioning throuqh the console port.
- D. The Junos REST API client is on-box.

Answer: A,D

Explanation:
A). The Junos REST API client is on-box:
The Junos REST API is on-box, meaning it is hosted directly on the Junos OS device. This allows you to interact with the device through RESTful API calls without needing an external client to act as an intermediary. With the on-box REST API, users can manage and automate configuration and operational tasks directly from the Junos device itself using HTTP/HTTPS protocols. This simplifies automation and remote management since the API server is embedded within the device.
Key Automation Capabilities of On-box REST API:
Supports configuration, monitoring, and operational commands.
Allows for direct device interaction via tools like curl, or through custom-built automation scripts.
Reference:
C . Junos automation allows for device provisioning through the console port:
Junos automation does indeed allow for device provisioning through the console port, especially in the context of Zero Touch Provisioning (ZTP). When network interfaces are not initially configured, or when remote access is not possible, devices can be provisioned via the console port. This method is commonly used during the initial setup process, enabling administrators to deploy configurations even without network access. ZTP automates initial configurations, including system setup and software installation, which can be triggered via the console.
Key Advantages of Console-based Provisioning:
Useful in environments where network interfaces are unavailable or not yet configured.
Essential for the initial bootstrapping of devices in remote locations.
Why the Other Options Are Incorrect:
B . Junos automation does not allow for device provisioning through the console port: This statement is incorrect because Junos automation does allow for provisioning via the console port, particularly during initial device setups.
D . The Junos REST API client is off-box: This is incorrect because the REST API client can be directly on the Junos device, providing local API functionality (on-box).
Juniper Automation in DevOps Context: Junos automation, especially with on-box REST API and console-based provisioning, enhances the flexibility and accessibility of device management in DevOps environments. These capabilities simplify remote

configuration, monitoring, and device setup even in cases where direct network access is unavailable.

NEW QUESTION # 13
What is an example of correct XML syntax?

- A. <Devices><hostname>vMX1<Devices/>
- B. <Device3><ho3tname>vMX1</hostname><Devices/>
- C. <Devices><hostname>vMX1</ho3tnameX/Device3>
- D. <Devices><hostname>vMX1<De vices/X/hostname>

Answer: D

NEW QUESTION # 14
What are two important aspects of the DevOps culture? (Choose two.)

- A. communication
- B. use of specific tools
- C. separation of duties
- D. people

Answer: A,D

Explanation:
Two important aspects of the DevOps culture are:
Communication (A): In a DevOps environment, continuous and effective communication between development, operations, and other stakeholders is crucial. It ensures that everyone is aligned, reduces misunderstandings, and facilitates faster and more efficient workflows.
People (D): DevOps is as much about the people as it is about the processes and tools. The culture emphasizes collaboration, shared responsibility, and a mindset focused on continuous improvement. Empowering people to work together across different disciplines is at the heart of DevOps.
Options B and C are not primary aspects of the DevOps culture. While tools are essential in implementing DevOps practices, the culture emphasizes communication and collaboration among people more than the use of specific tools or rigid separation of duties.
Reference:
DevOps Handbook: Discusses the cultural aspects of DevOps, with a focus on communication and people.
DevOps Best Practices: Highlights the importance of fostering a culture that prioritizes collaboration and shared goals.

NEW QUESTION # 15
Which statement is valid regarding YAML and JSON?

- A. Comments are available in YAML and JSON.
- B. YAML and JSON are case-sensitive.
- C. YAML and JSON use indentation.
- D. White space is ignored in YAML and JSON.

Answer: B

Explanation:
Both YAML and JSON are case-sensitive, meaning that the distinction between uppercase and lowercase characters matters. For example, in JSON or YAML, Key and key would be considered different.
Option D (case-sensitive) is correct because both YAML and JSON treat keys and values with different cases as distinct.
Option A is incorrect because, while JSON does not use indentation, YAML does rely on indentation to define structure. Option B is incorrect because whitespace can be significant in YAML for structure, and Option C is incorrect because JSON does not support comments, while YAML does.
Supporting Reference:
YAML and JSON Documentation: The official specifications for both YAML and JSON emphasize their case sensitivity.

NEW QUESTION # 16

Which two tools would you use to make REST API requests? (Choose two.)

- A. NETCOfJF
- B. Web browser
- C. SSH
- D. cURL

Answer: B,D

Explanation:
REST API requests can be made using various tools that support HTTP methods. Two common tools are:
cURL: A command-line tool that allows you to send HTTP requests, including GET, POST, PUT, and DELETE. It is widely used for testing and interacting with RESTful APIs due to its simplicity and flexibility.
Web Browser: Modern web browsers can be used to send HTTP GET requests directly by entering the URL into the address bar. Additionally, browser extensions like Postman or built-in developer tools can be used to construct and send more complex REST API requests.
Option B (NETCOfJF) is incorrect as it does not refer to a standard tool for making REST API requests.
Option D (SSH) is incorrect because SSH is a protocol used for secure remote login and command execution, not for sending REST API requests.
Supporting Reference:
cURL Documentation: Official cURL documentation provides extensive information on how to use cURL to interact with REST APIs.
Web Development and REST API Guides: Many web development resources and REST API documentation recommend using web browsers and tools like cURL for testing and interacting with APIs.

NEW QUESTION # 17

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