

# Juniper JN0-224 Questions - Latest Approved Exam Dumps

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**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	<ul style="list-style-type: none"> <li>• Data Serialization: This domain addresses YAML and JSON formats used for structured data representation and exchange in network automation workflows.</li> </ul>
Topic 2	<ul style="list-style-type: none"> <li>• 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.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>• Python</li> <li>• PyEZ: This domain examines Python programming with PyEZ library for Junos automation, including JSNAPy, Jinja2 templates, RPC calls, exception handling, and device configuration management.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>• NETCONF</li> <li>• XML API: This domain focuses on XML syntax, XPath expressions, NETCONF protocol, and XML API functionality for programmatic device configuration and communication.</li> </ul>
Topic 5	<ul style="list-style-type: none"> <li>• Rest API: This domain covers Junos REST API implementation, REST API Explorer tool, and cURL usage for HTTP-based device management and configuration.</li> </ul>

## Juniper Automation and DevOps, Associate (JNCIA-DevOps) Sample Questions (Q46-Q51):

### NEW QUESTION # 46

What are two important aspects of the DevOps culture? (Choose two.)

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

**Answer: C,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 # 47

Which two statements about Junos automation are correct? (Choose two.)

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

**Answer: B,D**

#### NEW QUESTION # 48

Your organization is developing an application to automate management of Junos network appliances. You want to use the existing PyEZ libraries to improve the development process. Which API would satisfy this requirement?

- A. RPC API
- **B. REST API**
- C. JETAPI
- D. XML API

**Answer: B**

#### NEW QUESTION # 49

Which two statements about NETCONF layers are correct? (Choose two.)

- **A. NETCONF layers use the messages layer to send RPCs to a remote NETCONF server.**
- B. NETCONF layers use the messages layer to receive RPCs from a remote NETCONF server.
- **C. NETCONF layers use the operations layer to receive RPCs from a remote NETCONF server.**
- D. NETCONF layers use the operations layer to send RPCs to a remote NETCONF server.

**Answer: A,C**

Explanation:

NETCONF (Network Configuration Protocol) is a standard protocol defined for managing network devices. NETCONF operates in a layered architecture, which includes the following key layers:

Operations Layer: This layer deals with the actual operations like <get-config>, <edit-config>, <copy-config>, and others. It receives RPC (Remote Procedure Call) requests from a remote NETCONF client and processes these requests.

Messages Layer: This layer is responsible for encoding the RPCs and sending them over the network. It handles the communication between the NETCONF client and server, ensuring that the RPC messages are correctly formatted (usually in XML) and transmitted.

Statement B is correct because the Messages layer is responsible for sending RPCs to a remote NETCONF server.

Statement C is correct because the Operations layer is where the NETCONF server receives and processes the RPCs sent by the client.

Supporting Reference:

Juniper Networks NETCONF Documentation: Provides a detailed breakdown of the NETCONF protocol layers and their functions.

RFC 6241: The official specification for NETCONF, which describes the layered architecture, including the operations and messages layers.

#### NEW QUESTION # 50

Which two PyEZ object methods are included by default when using a Python context manager? (Choose two.)

- **A. lock () and unlock (>**
- B. pdiff() and diff()
- **C. open() and close()**
- D. |load() and commit ()

**Answer: A,C**

Explanation:

When using a Python context manager with Junos PyEZ, two key methods are automatically included:

open() and close(): These methods are used to establish and terminate a connection to a Junos device. When you use a context

manager (the `with` statement), `open()` is called when entering the block, and `close()` is called when exiting, ensuring the connection is properly managed.

`lock()` and `unlock()`: These methods are used to lock the configuration database to prevent other users from making changes while you are working on it. When using a context manager, `lock()` is called at the start of the block, and `unlock()` is called at the end, ensuring safe configuration changes.

### Supporting Reference:

Junos PyEZ Documentation: The documentation explains how context managers work in PyEZ, including the automatic invocation of `open()`, `close()`, `lock()`, and `unlock()` methods.

## NEW QUESTION # 51

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