Juniper JN0-224 Exam | New JN0-224 Test Camp - Pass Guaranteed for JN0-224: Automation and DevOps, Associate (JNCIA-DevOps) Exam

As we all know, through the judicial examination, you need to become a lawyer, when the teacher is need through the teachers' qualification examinations. If you want to be an excellent elites in this line, you need to get the Automation and DevOps, Associate (JNCIA-DevOps) certification, thus it can be seen through the importance of qualification examination. Only through qualification examination, has obtained the corresponding qualification certificate, we will be able to engage in related work, so the JN0-224 Test Torrent is to help people in a relatively short period of time a great important tool to pass the qualification test.

Juniper JN0-224 Exam Syllabus Topics:

Topic	Details
Topic 1	- NETCONF - XML API: This domain focuses on XML syntax, XPath expressions, NETCONF protocol, and XML API functionality for programmatic device configuration and communication.

Topic 2	• Data Serialization: This domain addresses YAML and JSON formats used for structured data representation and exchange in network automation workflows.
Topic 3	• 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 4	• 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.
Topic 5	• Rest API: This domain covers Junos REST API implementation, REST API Explorer tool, and cURL usage for HTTP-based device management and configuration.

Latest JN0-224 Test Objectives - Cert JN0-224 Exam

Now in such society with a galaxy of talents, stabilizing your job position is the best survival method. But stabilizing job position is not so easy. When others are fighting to improve their vocational ability, if you still making no progress and take things as they are, then you will be eliminated. In order to stabilize your job position, you need to constantly improve your JN0-224 professional ability and keep up with the pace of others to let you not fall far behind others.

Juniper Automation and DevOps, Associate (JNCIA-DevOps) Sample Questions (Q38-Q43):

NEW QUESTION # 38
A REST API client uses which two HTTP methods to execute RPC requests on the server? (Choose two.)

- A. HEAD
- B. POST
- C. GET
- D. CONNECT

Answer: B,C

Explanation:
REST APIs use HTTP methods to perform different operations on resources. In the context of RPC (Remote Procedure Call) requests:
GET: This method is used to retrieve data from the server. In a REST API, it is commonly used to fetch information about resources, such as the current configuration or operational state.
POST: This method is used to send data to the server to create or update a resource. In the context of RPC, POST is often used to execute a procedure on the server that may result in the modification of a resource or triggering of an action.
Options B (HEAD) and D (CONNECT) are not typically used for executing RPC requests:
HEAD is similar to GET but only retrieves the headers, not the body of the response.
CONNECT is used to establish a tunnel to the server, primarily for SSL-encrypted communication, and is not commonly associated with RESTful RPC operations.
Supporting Reference:
Juniper Networks REST API Documentation: The documentation provides detailed information about the use of HTTP methods in Juniper's RESTful services.
"RESTful Web Services" by Leonard Richardson and Sam Ruby: This book explains the principles of REST and how different HTTP methods, particularly GET and POST, are used to interact with RESTful APIs.

NEW QUESTION # 39
Which data construct is used to guarantee that element names and data values remain unique in an XML document?

- A. dictionary
- B. namespace
- C. element
- D. schema definition

Answer: B

Explanation:
In XML documents, a namespace is the data construct used to ensure that element names and data values remain unique. Namespaces prevent naming conflicts by differentiating between elements or attributes that may have the same name but different meanings. This is particularly important in XML, where documents often incorporate elements from multiple sources.
Detailed Explanation:
XML Namespaces: A namespace is a collection of names, identified by a URI reference, which is used to distinguish between elements that may have identical names but different definitions or origins. This helps avoid ambiguity in the document.
How Namespaces Work: When a namespace is applied, each element or attribute in the XML document is associated with a prefix. This prefix, combined with the namespace URI, ensures that the element or attribute is uniquely identified, even if another element or attribute in the same document has the same local name but a different namespace.
Schema Definition vs. Namespace: Although an XML schema definition (XSD) can define the structure and type constraints of an XML document, it does not guarantee uniqueness of element names across different XML documents. That role is fulfilled by namespaces.
Practical Example:
xml
Copy code
<root xmlns:ns1="http://www.example.com/ns1"
xmlns:ns2="http://www.example.com/ns2">
<ns1:item>Item in namespace 1</ns1:item>
<ns2:item>Item in namespace 2</ns2:item>
</root>
In this example, the item elements are in different namespaces (ns1 and ns2), which keeps them unique even though they have the same name.
Reference:
Juniper Automation and DevOps Documentation: These practices highlight the importance of namespaces in XML documents to maintain the integrity and uniqueness of data, which is essential in automation scripts and configuration files.
W3C XML Namespace Specification: The World Wide Web Consortium (W3C) standard for XML Namespaces defines how namespaces should be used to avoid name conflicts.
Namespaces are a crucial concept in XML, ensuring that data can be consistently managed and interpreted correctly, particularly in complex systems where multiple XML documents or schemas are involved.

NEW QUESTION # 40
YAML uses which two data structures? (Choose two.)

- A. sequences
- B. mappings
- C. objects
- D. arrays

Answer: A,B

Explanation:
YAML (YAML Ain't Markup Language) primarily uses two data structures:
Mappings: These are key-value pairs, similar to dictionaries or hashes in programming languages. In YAML, mappings are used to represent associative arrays or objects. They are defined with a colon (:) separating the key from the value.
Example:
key: value
name: John Doe
Sequences: These are ordered lists of items, equivalent to arrays or lists in other programming languages. Sequences in YAML are denoted by a dash (-) followed by a space and then the item.
Example:
fruits:
- Apple

- Banana
- Cherry
Detailed Explanation:
Mappings (B) allow you to define relationships between keys and values, making it possible to represent more complex data structures like dictionaries or objects.
Sequences (C) allow you to represent ordered collections, which is important for listing elements that must maintain a specific order.
YAML is often used in configuration files and data serialization in DevOps environments, such as in Ansible playbooks, Kubernetes manifest files, and CI/CD pipeline definitions. Its simplicity and human-readable format make it a popular choice for these applications.
Reference:
YAML Official Documentation: YAML's specification outlines these core data structures.
Juniper Automation and DevOps Documentation: Provides best practices for using YAML in network automation scripts and configuration management.

NEW QUESTION # 41
Junos PyEZ tables are formatted using which file type?

- A. SON
- B. IXML
- C. txt
- D. YAML

Answer: D

Explanation:
Junos PyEZ uses YAML (YAML Ain't Markup Language) files to define the format for tables and views when working with operational and configuration data. YAML is a human-readable data format that is commonly used for configuration files, making it suitable for defining data structures in PyEZ.
Option B (YAML) is correct because PyEZ tables are defined using YAML files.
Options A (JSON), C (txt), and D (IXML) are incorrect in this context, as YAML is the standard format used.
Supporting Reference:
Junos PyEZ Tables Documentation: Explains the use of YAML files for formatting tables and views in Junos PyEZ.

NEW QUESTION # 42
Which Junos API supports direct modification of the Ephemeral database?

- A. SOAP
- B. JET
- C. WebSocket
- D. REST

Answer: B

Explanation:
In Junos, the JET (Junos Extension Toolkit) API supports direct modification of the Ephemeral database. The Ephemeral database is a temporary configuration database used in Junos OS, allowing for changes that do not persist after a reboot unless explicitly committed to the permanent configuration.
JET API: Allows for high-performance interactions with Junos, including the ability to make changes to the Ephemeral database, which is useful for temporary configurations, dynamic policies, and other operational tasks.
Other options like WebSocket, SOAP, and REST do not provide direct access to the Ephemeral database in Junos.
Reference:
Juniper Networks JET Documentation: Details how JET API interacts with the Ephemeral database.
Junos Automation and DevOps Documentation: Discusses the use of JET for automation and dynamic configuration.

NEW QUESTION # 43
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