

Testing JN0-224 Center | Updated JN0-224 Dumps

Passing the Automation and DevOps, Associate (JNCIA-DevOps) exam at first attempt is a goal that many candidates strive for. However, some of them think that good Juniper JN0-224 study material is not important, but this is not true. The right JN0-224 preparation material is crucial for success in the exam. And applicants who don't find updated JN0-224 prep material ultimately fail in the real examination and waste money. That's why Itcertmaster offers actual JN0-224 exam questions to help candidates pass the exam and save their resources.

Juniper JN0-224 Exam Syllabus Topics:

| Topic | Details |
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| Topic 1 | <ul style="list-style-type: none">• 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 2 | <ul style="list-style-type: none">• Data Serialization: This domain addresses YAML and JSON formats used for structured data representation and exchange in network automation workflows. |
| Topic 3 | <ul style="list-style-type: none">• Rest API: This domain covers Junos REST API implementation, REST API Explorer tool, and cURL usage for HTTP-based device management and configuration. |
| Topic 4 | <ul style="list-style-type: none">• 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. |

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| Topic 5 | <ul style="list-style-type: none"> • NETCONF • XML API: This domain focuses on XML syntax, XPath expressions, NETCONF protocol, and XML API functionality for programmatic device configuration and communication. |
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Updated JN0-224 Dumps & JN0-224 Reliable Dumps

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Juniper Automation and DevOps, Associate (JNCIA-DevOps) Sample Questions (Q63-Q68):

NEW QUESTION # 63

You must use Junos PyEZ to configure unique IP addresses on individual machines.

Which two features will permit this requirement? (Choose). Ian SCP module

- A. an SCP module
- B. a YAML data file
- C. a Jinja2 template
- D. a BSON data file

Answer: B,C

Explanation:

To configure unique IP addresses on individual machines using Junos PyEZ, you can use the following features:

YAML Data File (C): YAML files are used to store configuration data in a human-readable format. They are often used in combination with Jinja2 templates to provide the data necessary for template rendering.

Jinja2 Template (D): Jinja2 is a templating engine for Python that allows you to create dynamic templates. When used with Junos PyEZ, a Jinja2 template can be filled with data (such as IP addresses from a YAML file) to generate configuration snippets that are applied to different devices.

Options A (SCP module) and B (BSON data file) are not typically used with Junos PyEZ for this purpose.

Reference:

Junos PyEZ Documentation: Discusses the use of YAML files and Jinja2 templates for generating configurations.

Jinja2 Templating Documentation: Provides details on how to create and use templates in Python scripts.

NEW QUESTION # 64

You want to use a Python package or module.

In this scenario, which statement would accomplish this task?

- A. Import
- B. reap
- C. input
- D. dir

Answer: A

Explanation:

In Python, to use a package or module, you use the import statement. This statement allows you to load a module into your script so that you can use its functions, classes, and variables. For example, if you wanted to use the math module, you would write import math. This makes all the functions and constants in the math module available for use in your program.

Option A (reap), B (dir), and C (input) do not serve the purpose of importing modules. dir is used to list the attributes of an object, input is used to get user input, and reap is not a valid Python command related to importing modules.

Supporting Reference:

Python Documentation on Imports: The Python documentation provides clear guidelines on how to use the `import` statement to include modules in your Python scripts.

NEW QUESTION # 65

Which two programming languages are used for Junos on-box scripting? (Choose two.)

- A. XSLT
- B. Perl
- C. Ruby
- D. SLAX

Answer: A,D

Explanation:

Junos on-box scripting supports the following programming languages:

SLAX (C): SLAX (Structured Language for XML) is a scripting language designed specifically for Junos devices. It allows for easy manipulation of XML data, making it ideal for creating Junos scripts that interact with device configurations.

XSLT (D): XSLT (Extensible Stylesheet Language Transformations) is another language used for transforming XML documents into other formats. It is commonly used in Junos for transforming XML data into different views or outputs.

Options A (Perl) and B (Ruby) are not used for Junos on-box scripting. While these languages are popular in other contexts, Junos scripting relies heavily on XML-based languages like SLAX and XSLT.

Reference:

Junos XML API and Scripting Guide: Describes the use of SLAX and XSLT for on-box scripting.

Juniper Networks Automation Documentation: Provides examples and best practices for using SLAX and XSLT in Junos scripting.

NEW QUESTION # 66

Which two statements about the REST API are correct? (Choose two.)

- A. The REST API application is stateful.
- B. The REST API application is stateless.
- C. The TCP session state is maintained by the server.
- D. The TCP session state is maintained by the client

Answer: B,D

Explanation:

REST (Representational State Transfer) is an architectural style for designing networked applications, and its key principles include:

Statelessness (B): Each request from the client to the server must contain all the information needed to understand and process the request. The server does not store any session state between requests, meaning each request is independent and does not rely on previous ones.

TCP Session State (C): While REST itself is stateless, the underlying TCP connection's state, such as keeping the connection alive or managing retries, is handled by the client. The server does not retain information about the TCP connection beyond the processing of the individual request.

Options A and D are incorrect because they imply that the REST API is stateful, which contradicts the stateless nature of REST.

Reference:

REST API Design Principles: Describes the stateless nature of REST and the responsibility of clients in managing session state.

Web Development Documentation: Discusses how REST APIs operate, focusing on statelessness and client-server interaction.

NEW QUESTION # 67

Which two statements are valid regarding Junos automation? (Choose two.)

- A. The mod process handles XML API calls.
- B. The jsd process handles JET API requests.
- C. The jsd process handles XML API calls.
- D. The mgd process handles JET API requests.

Answer: B,C

Explanation:

In Junos automation, several processes handle API requests, and understanding which process handles what is crucial:

jsd Process:

XML API Calls (A): The jsd process is responsible for handling XML API calls, which are a significant part of Junos automation. XML API allows for structured and standardized communication with Junos devices, enabling automation scripts to query and configure devices.

JET API Requests (C): The jsd process also handles JET (Junos Extension Toolkit) API requests. JET provides a more modern, programmable interface for interacting with Junos OS, and jsd is the process that manages these interactions.

mgd Process (Incorrect Option):

Not for JET API Requests: The mgd process handles general management operations, such as CLI commands and managing the configuration database, but it does not handle JET API requests. That role is fulfilled by jsd.

mod Process (Incorrect Option):

Not for XML API Calls: The mod process deals with managing chassis components and is not involved in handling XML API calls.

Reference:

Juniper Networks JET and XML API Documentation: Describes the roles of jsd in handling both XML and JET API requests.

Junos Automation and DevOps Documentation: Provides insights into how different processes interact with Junos APIs.

NEW QUESTION # 68

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