

100% Pass Quiz 2026 Cisco 200-901–Trustable Answers Real Questions



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The DevNet Associate Exam has become very significant to validate expertise and level up career. Success in the DevNet Associate Exam exam helps you meet the ever-changing dynamics of the tech industry. latest DevNet Associate Exam 200-901 Exam Cram Pdf, collection pdf and exam dumps have been provided in DumpsTorrent. With 365 days updates.

The DevNet Associate exam is a two-hour, multiple-choice test that covers a wide range of topics related to software development, network automation, and infrastructure as code. It assesses the candidates' understanding of programming concepts, APIs, data models, DevOps practices, and software development methodologies. 200-901 Exam also tests the candidates' ability to use Cisco APIs to automate common network tasks, such as configuring network devices, monitoring network performance, and troubleshooting network issues.

Cisco 200-901 Exam: Content in Detail

The Cisco 200-901 exam covers a wide range of knowledge areas. These domains and their weight are enumerated below:

- **Deployment of applications and their security – 15%**

This subject covers the following competencies: explaining the advantages of edge computing; defining the attributes of various application deployment models (hybrid Cloud, private Cloud, public Cloud, edge); defining the attributes of the above-mentioned application deployment types; explaining the elements for the CI/CD pipeline within application deployments; designing a Python unit test interpreting contents of Dockerfile; utilizing Docker images in a local developer environment; defining application security problems associated with encryption, secret protection, data handling; explaining OWASP threats (including SQL injections, XSS, CSRF); applying Bash commands (directory navigation, environmental variables, file management); defining the DevOps practices principles.

- **Development of software – 15%**

This objective includes differentiating various data formats (YAML, XML, JSON); explaining parsing of general data format (YAML, XML, JSON) to Python data structures; describing the principles of test-driven development; differentiating methods of software development (waterfall, agile, lean); explaining the advantages of uniting code into functions, modules, and classes; defining the advantages of general design patterns (Observer and MVC); explaining the benefits of version control; utilizing general version control operations with Git.

- **Infrastructure and automation concepts – 20%**

Within this area, the examinees need to demonstrate that they are capable of explaining the utilization and functions of the network test and simulation tools (including pyATS and VIRL); explaining the elements and advantages of the CI/CD pipeline in automating infrastructure; explaining infrastructure principles as code; explaining the automation tools capacity (Cisco NSO,

Ansible, Chef, Puppet); defining the workflow that is automated with the help of a Python script with Cisco APIs, such as Cisco DNA Center, ACI, RESTCONF, or Meraki; defining the workflow that is automated with the help of an Ansible playbook (user management related to services, management packages, basic service configuration, start/stop); defining the workflow that is automated with the help of a bash script (including app install, directory navigation, file management, user management); interpreting the results of a RESTCONF or NETCONF query; interpreting general YANG models; explaining the principles and advantages of reviewing the code; interpreting the sequence diagram with API calls; interpreting a unified diff.

- **Understanding and use of APIs – 20%**

This topic encompasses the following skills: constructing the REST API request to accomplish a task given API documentation; describing common usage patterns related to webhooks; identifying the constraints when consuming APIs; explaining common HTTP response codes associated with REST APIs; troubleshooting a problem given the HTTP response code, request and API documentation; identifying the parts of an HTTP response (response code, headers, body); utilizing common API authentication mechanisms; comparing common API styles (REST, RPC, synchronous, and asynchronous); constructing a Python script that calls REST API using the requests library.

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Cisco 200-901 Exam is a computer-based test that consists of 120 questions. Candidates have 120 minutes to complete the exam. The questions are in multiple-choice format and cover a wide range of topics. To pass the exam, candidates must score a minimum of 825 out of 1000.

Cisco DevNet Associate Exam Sample Questions (Q12-Q17):

NEW QUESTION # 12

Refer to the exhibit.

A process on the host wants to access the service running inside this Docker container. Which port is used to make a connection?

- A. only outbound connections between 3000 and 5000 are possible
- B. port 5000
- C. port 3000
- D. any port between 3000 and 5000

Answer: C

NEW QUESTION # 13

Which task is performed because the test-driven development approach is being used?

- A. creating test scenarios based on continuous development
- B. refactoring code that is covered by existing tests
- C. writing code without committing any coding violations
- D. testing existing software before developing new code

Answer: B

Explanation:

"The idea is that you build a test case first, before any software has been created or modified" but "testing existing software before developing new code" is the idea or goal, not the task five steps of TDD:

- Write a test
- Test fails

- Write some code
- Test passes
- Refactor

NEW QUESTION # 14

Refer to the exhibit.

What do all the calls shown in the sequence diagram have in common?

- **A. All the calls are synchronous.**
- B. All the calls are optional.
- C. All the calls are asynchronous.
- D. All the calls depend on the catalog.

Answer: A

Explanation:

In the provided sequence diagram, each call must complete before the next one can proceed, indicating that the calls are synchronous. Synchronous calls block further execution until the response is received, maintaining a sequential order of operations. Synchronous Nature: The diagram shows each function call being made and then waiting for a callback before proceeding to the next step.

Blocking Behavior: Each interaction completes fully before the next one starts, which is characteristic of synchronous operations.

Option C correctly identifies that all the calls shown in the sequence diagram are synchronous.

Reference:

Cisco DevNet Documentation: Sequence Diagrams and Synchronous Communication

NEW QUESTION # 15

What is the benefit of edge computing?

- **A. It reduces network latency by moving processing closer to the data source.**
- B. It simplifies security as devices and processing are brought closer together
- C. It reduces data velocity from devices or other data sources.
- D. It removes the need for centralized data processing.

Answer: A

NEW QUESTION # 16

Which technology is responsible for resolving a host name to an IP address?

- A. SNMP
- **B. DNS**
- C. DHCP
- D. NTP

Answer: B

NEW QUESTION # 17

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