



Up-to-date Questions and Answers from authentic resources to improve knowledge and pass the exam at very first attempt. ----- Guaranteed.



200-901 Dumps
200-901 Braindumps
200-901 Real Questions
200-901 Practice Test
200-901 Actual Questions



Cisco

200-901

DevNet Associate (DEVASC)



<https://killexams.com/pass4sure/exam-detail/200-901>

Question: 303

Which two statements describe the advantages of using a version control system? (Choose two.)

- A. It allows for branching and merging so that different tasks are worked on in isolation before they are merged into a feature or master branch.
- B. It provides tooling to automate application builds and infrastructure provisioning.
- C. It allows multiple engineers to work against the same code and configuration files and manage differences and conflicts.
- D. It provides a system to track User Stories and allocate to backlogs.
- E. It allows developers to write effective unit tests.

Answer: AD

Explanation:

Reference: <https://www.agileconnection.com/article/picking-right-branch-merge-strategy>

Question: 304

When a Cisco IOS XE networking device is configured using RESTCONF, what is the default data-encoding method?

- A. YANG
- B. YAML
- C. XML
- D. x-form-encoding

Answer: A

Explanation:

Reference https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b_166_programmability_cg/restconf_prog_int.html

Question: 305

Refer to the exhibit.

```
docker run -p 3000:5000 f877cbf2ff33
```

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 3000
- C. any port between 3000 and 5000
- D. port 5000

Answer: C

Question: 306

Which device is a system that monitors and controls incoming and outgoing network traffic based on predetermined security roles?

- A. router
- B. switch
- C. load balancer
- D. firewall

Answer: D

Question: 307

Refer to the exhibit.

```
json_string = """
{
    "researcher": {
        "name": "Ford Perfect",
        "species": "Betelgeusian",
        "relatives": [
            {
                "name": "Zaphod Beeblebrox",
                "species": "Betelgeusian"
            }
        ]
    }
}
"""

my_json = json.loads(json_string)
```

Which Python data structure does my_json contain?

- A. map
- B. list
- C. json
- D. dict

Answer: D

Explanation:

Reference: <https://stackoverflow.com/questions/34764979/loading-python-string-with-u-as-json? noredirect=1&lq=1>

Question: 308

Which description of a default gateway is true?

- A. It is a security feature that denies certain traffic.
- B. It is a device that receives IP packets that have no explicit next-hop in the routing table.
- C. It is a feature that translates between public and private addresses.
- D. It is a device that receives Layer 2 frames with an unknown destination address.

Answer: B

Explanation:

Reference: <https://www.certificationkits.com/cisco-certification/ccna-articles/cisco-ccna-intro-to-routing-basics/cisco-ccna-default-gateway-a-default-routes/>

Question: 309

Which two elements are foundational of DevOps? (Choose two.)

- A. organizing cross-functional teams over organizational silos
- B. designing applications as microservices
- C. encouraging containers for the deployment of applications
- D. automating over documenting
- E. optimizing the cost of infrastructures

Answer: AC

Explanation:

Reference: <https://www.cisco.com/c/dam/en/us/products/collateral/cloud-systems-management/cloudcenter/white-paper-c11-737221.pdf>

Question: 310

A developer is reviewing a code that was written by a colleague. It runs fine, but there are many lines of code to do a seemingly simple task repeatedly.

Which action organizes the code?

- A. Refactor the code by removing any unnecessary tests.
- B. Reverse engineer and rewrite the code logic.
- C. Using functions, rewrite any pieces of code that are repeated.
- D. Modify the code to use loops.

Answer: A

Question: 311

Refer to the exhibit.

```

$ diff -u5 fish.py cat.py
--- fish.py      2020-01-02 09:41:02.840000000 +0100
+++ cat.py       2020-01-02 09:41:06.8859999800 +0100
@@ -160,11 +160,12 @@

    @single_request_timeout.setter
    def single_request_timeout(self, value):
        """The timeout (seconds) for a single HTTP REST API request."""
        check_type(value, int, optional=True)
-       assert value is None or value > 0
+       if value is not None and value <= 0:
+           raise ValueError("single_request_timeout must be positive integer")
        self._single_request_timeout = value

    @property
    def wait_on_rate_limit(self)
        """Automatic rate-limit handling.

```

The output of a unified diff when comparing two versions of a Python script is shown.

Which two “single_request_timeout()” functions are defined in fish.py and cat.py? (Choose two.)

A)

file: cat.py

```

@single_request_timeout.setter
def single_request_timeout(self, value):
    """The timeout (seconds) for a single HTTP REST API request."""
    check_type(value, int, optional=True)
    assert value is None or value > 0
    if value is not None and Value <= 0:
        raise ValueError("single_request_timeout must be positive")
    self._single_request_timeout = value

```

B)

file: fish.py

```

@single_request_timeout.setter
def single_request_timeout(self, value):
    """The timeout (seconds) for a single HTTP REST API request."""
    check_type(value, int, optional=True)
    assert value is None or value > 0
    self._single_request_timeout = value

```

C)

file: cat.py

```
@single_request_timeout.setter
def single_request_timeout(self, value):
    """The timeout (seconds) for a single HTTP REST API request."""
    check_type(value, int, optional=True)
    if value is not None and Value <= 0:
        raise ValueError("single_request_timeout must be positive")
    self._single_request_timeout = value
```

D)

file: fish.py

```
@single_request_timeout.setter
def single_request_timeout(self, value):
    """The timeout (seconds) for a single HTTP REST API request."""
    check_type(value, int, optional=True)
    self._single_request_timeout = value
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: AB

Question: 312

Question: 313

Which two types of NAT are used in a network? (Choose two.)

- A. routed NAT
- B. static NAT
- C. multicast NAT
- D. normal NAT
- E. dynamic NAT

Answer: BE

Explanation:

Reference: <https://www.dummies.com/programming/networking/cisco/types-of-network-addresstranslation/>

Question: 314

Refer to the exhibit.

```
def process_devices(dnac, token):
    url = "https://{}/api/v1/network-device".format(dnac['host'])
    headers["x-auth-token"] = token
    response = requests.get(url, headers=headers, verify=False)
    data = response.json()
    for item in data['response']:
        print(item["hostname"], " ", item["managementIpAddress"])
```

What is the function of the Python script?

- A. Loop through the returned of network devices and, for each device, print the device name and management IP address.
- B. Count and print the total number of available devices.
- C. For each device that is returned, display the device type and associated management IP address.
- D. Iterate over a list of network devices and write all device names and management IP addresses to an output file.

Answer: B

Question: 315

Refer to the exhibit.

```
<books>
  <science>
    <biology>10.00</biology>
    <geology>9.00</geology>
    <chemistry>8.00</chemistry>
  </science>
  <math>
    <calculus>20.00</calculus>
    <algebra>12.00</algebra>
  </math>
</books>
```

Which JSON is equivalent to the XML-encoded data?

A)

```
[ {
  "books": {
    "science": {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math": {
      "calculus": "20.00",
      "algebra": "12.00"
    }
  }
} ]
```

B)

```
{
  "books": [
    "science": {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math": {
      "calculus": "20.00",
      "algebra": "12.00"
    }
  ]
}
```

C)

```
{
  "books": [
    "science": {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math": {
      "calculus": "20.00",
      "algebra": "12.00"
    }
  ]
}
```


D)

```
{
  "books": [
    "science", {
      "biology": "10.00",
      "geology": "9.00",
      "chemistry": "8.00"
    },
    "math", {
      "calculus": "20.00",
      "algebra": "12.00"
    }
  ]
}
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C

Explanation:

Reference: <https://www.guru99.com/json-vs-xml-difference.html>

Question: 316

- What are the purpose of the Cisco VIRL software tool?
- A. to verify configurations against compliance standards
 - B. to automate API workflows
 - C. to simulate and model networks
 - D. to test performance of an application

Answer: C

Explanation:

Reference: <https://www.speaknetworks.com/cisco-virl-better-gns3/>

Question: 317

- What are two advantages of version control software? (Choose two.)
- A. It supports tracking and comparison of changes in binary format files.
 - B. It allows new team members to access the current code and history.
 - C. It supports comparisons between revisions of source code files.
 - D. It provides wiki collaboration software for documentation.

E. It allows old versions of packaged applications to be hosted on the Internet.

Answer: AC

Explanation:

Explanation: Version control is a way to keep a track of the changes in the code so that if something goes wrong, we can make comparisons in different code versions and revert to any previous version that we want. It is very much required where multiple developers are continuously working on /changing the source code.

Question: 318

Which CI/CD tool is an automation tool used to build, test, and deploy software?

- A. Git
- B. Gradle
- C. Nagios
- D. Jenkins

Answer: D

Explanation:

Reference: <https://www.infoworld.com/article/3271126/what-is-cicd-continuous-integration-and-continuousdelivery-explained.html>



SAMPLE QUESTIONS

*These questions are for demo purpose only. **Full version** is up to date and contains actual questions and answers.*

Killexams.com is an online platform that offers a wide range of services related to certification exam preparation. The platform provides actual questions, exam dumps, and practice tests to help individuals prepare for various certification exams with confidence. Here are some key features and services offered by Killexams.com:

Actual Exam Questions: *Killexams.com provides actual exam questions that are experienced in test centers. These questions are updated regularly to ensure they are up-to-date and relevant to the latest exam syllabus. By studying these actual questions, candidates can familiarize themselves with the content and format of the real exam.*

Exam Dumps: *Killexams.com offers exam dumps in PDF format. These dumps contain a comprehensive collection of questions and answers that cover the exam topics. By using these dumps, candidates can enhance their knowledge and improve their chances of success in the certification exam.*

Practice Tests: *Killexams.com provides practice tests through their desktop VCE exam simulator and online test engine. These practice tests simulate the real exam environment and help candidates assess their readiness for the actual exam. The practice tests cover a wide range of questions and enable candidates to identify their strengths and weaknesses.*

Guaranteed Success: *Killexams.com offers a success guarantee with their exam dumps. They claim that by using their materials, candidates will pass their exams on the first attempt or they will refund the purchase price. This guarantee provides assurance and confidence to individuals preparing for certification exams.*

Updated Content: *Killexams.com regularly updates its question bank and exam dumps to ensure that they are current and reflect the latest changes in the exam syllabus. This helps candidates stay up-to-date with the exam content and increases their chances of success.*

Technical Support: *Killexams.com provides free 24x7 technical support to assist candidates with any queries or issues they may encounter while using their services. Their certified experts are available to provide guidance and help candidates throughout their exam preparation journey.*

For More exams visit <https://killexams.com/vendors-exam-list>
Kill your exam at First Attempt....Guaranteed!