Leads4Pass

350-901^{Q&As}

Developing Applications Using Cisco Core Platforms and APIs (DEVCOR)

Pass Cisco 350-901 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

https://www.leads4pass.com/350-901.html

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco Official Exam Center

⚙ **Instant Download** After Purchase

⚙ **100% Money Back** Guarantee

⚙ **365 Days** Free Update

⚙ **800,000+** Satisfied Customers

QUESTION 1

Which scenario is an example of the pseudonymization of sensitive data that meets GDPR requirements?

A. encrypting sensitive data at rest by using native cloud services and data in transit by using SSL/TLS transport

B. implementing XFowarded For at the frontend of a web app to enable the source IP addresses of headers to change

C. leveraging an application load balancer at the frontend of a web app for SSL/TLS decryption to inspect data in transit

D. separating the sensitive data into its own dedicated secured data store and using tokens in its place

Correct Answer: A

QUESTION 2

A developer in a learn of distributed authors is working on code in an isolated Git branch named \\'update4a2f5464771 The developer attempts to merge the new code with a branch named \\'dvcapp2a3f1564733\\' however the merge operation encounters a conflict error during the process. Which Git command must the developer use to exit from the merge process and return the branch to the previous state?

A. git merge -exit

B. git merge -abort

C. git abort --merge

D. git abort -status

Correct Answer: B

QUESTION 3

A developer corrects an application bug with ID buglDa98416945110x and then installs it on a Cisco Catalyst 9300 series switch. Which command will enable the application called myapp?

A. app-hosting install appid myapp package usbflash1:myapp.tar

B. app-hosting run re-start appid my app bugfix

C. app-hosting activate appid myapp

D. app-hosting start appid myapp

Correct Answer: D

QUESTION 4

A cloud native project is being worked on in which all source code and dependencies are written in Python, Ruby,

and/or JavaScipt. A change in code triggers a notification to the CI/CD tool to run the CI/CD pipeline. Which step should be omitted from the pipeline?

A. Deploy the code to one or more environments, such as staging and/or production.

B. Build one of more containers that package up code and all its dependencies.

C. Compile code.

D. Run automated tests to validate the correctness.

Correct Answer: C

QUESTION 5

A development team is looking for a tool to automate configurations across the infrastructure. The tool must have these characteristics:

written in Python define playbooks (or intent stateless imperative

Which tool meets these requirements?

A. Puppet

B. Netmiko

C. Ansible

D. NCM

Correct Answer: C

QUESTION 6

Which two gRPC modes of model-driven telemetry are supported on Cisco IOS XE Software? (Choose two.)

A. dial-in

B. dial-out

C. call-in

D. call-out

E. passive

Correct Answer: AB

Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/1612/b_1612_programmability_cg/model_driven_telemetry.html#id_86392

QUESTION 7

While developing an application following the 12-factor app methodology, which approach should be used in the application for logging?

A. Write a log to a file in the application directory.

B. Write a log to a file in /var/log.

C. Write the logs buffered to stdout.

D. Write the logs unbuffered to stdout.

Correct Answer: D

QUESTION 8

```
Running with gitlab-runner 12.9.0-rc1 (a350f628)
    on docker-auto-scale fa6cab46
Preparing the "docker+machine" executor
00:14
 Using Docker executor with image alpine:3.10 ...
 Pulling docker image alpine:3.10 ...
 Using docker image
sha256:5e35e350aded98340bc8fcb0ba392d809c807bc3eb5c618d4a0674d98d88bccd for
alpine:3.10...
$ eval "$CI_PRE_CLONE_SCRIPT"
   * [new ref]          refs/pipelines/125695607 -> refs/pipelines/125695607
  * [new branch]       development               -> origin/development
 Checking out 65702af3 as development...
 Skipping Git submodules setup
Restoring cache
00:01
Downloading artifacts
00:02
Running script from Job
00:01
 $ python3 --version
 /usr/bin/bash: line 94: python3: command not found
Running after script
00:02
Uploading artifacts for failed job
00:01
 ERROR: Job failed: exit code 1
```

Refer to the exhibit. Which action resolves the error for the GitLab CI/CD pipeline execution?

A. Download the correct artifacts by specifying them in GitLab.

B. Use the python:3.9.0a4-alpine3.10 Docker image

C. Install the missing python libraries via pip3.

D. Add the absolute path to the python3 executable

Correct Answer: B

QUESTION 9

An enterprise refactors its monolithic application into a modem cloud-native application that is based on microservices. A key requirement of the application design is to ensure that the IT team is aware of performance issues or bottlenecks in

the new application.

Which two approaches must be part of the design considerations\\'\\' (Choose two.)

A. Periodically scale up the resources of the host machines when the application starts to experience high loads

B. Instrument the application code to gather telemetry data from logs, metrics or tracing

C. Adopt a service-oriented architecture to handle communication between the services that make up the application

D. Deploy infrastructure monitoring agents into the operating system of the host machines

E. Implement infrastructure monitoring to ensure that pipeline components interoperate smoothly and reliably

Correct Answer: BE

QUESTION 10

Refer to the exhibit.

```
for k, v in d.iteritems():
    if k == 'data':
        for i in v:
            for k2, v2 in i.iteritems():
```

An application is created to serve an enterprise Based on use and department requirements, changes are requested quarterly. Which application design change improves code maintainability?

A. Use global variables

B. Use double quotes instead of single quotes to enclose variables

C. Use different indent levels for variables

D. Use more verbose names for variables

Correct Answer: D

QUESTION 11

Refer to the exhibit.

```
from paramiko import SSHClient
from os import environ

host = ["N3172-TOR-01.widgets.com", "N3172-TOR-02.widgets.com", "N9336C-LEAF-01.widgets.com",
        "N31108-BORDER-LEAF-01.widgets.com"]
backup_server = "central-server-01.widget.com"


class ConnectionManager:

    def nc(u, p):
        client = SSHClient()
        return client.connect(host, username=u, password=p)

    def nc(key):
        client = SSHClient()
        return client.connect(host, pkey=key)

if __name__ == "__main__":
        cm = ConnectionManager()
        for i in host:
            try:
                if i.index("TOR") != -1:
                    conn = cm.nc(environ["PRIVATE_KEY"])
                else:
                    conn = cm.nc(environ["USER"], environ["PASSWD"])
                    conn.exec_command(f"copy running-config scp://{backup_server}/backups/{i}")
            except Exception as e:
                print(f"The host {i} failed to backup properly. ({str(e)})")
            else:
                conn.close()
```

A developer must review an intern\\\'s code for a script they wrote to automate backups to the storage server. The script must connect to the network device and copy the running- config to the server.

When considering maintainability, which two changes must be made to the code? (Choose two.)

A. Rename the class to "ArchiveManager".

B. The code is incorrect because the class does not have an__init__() method.

C. The command sent to the network device is incorrect.

D. Refactor the code placing the "for" loop steps inside a single nc method.

E. The intern must use IP addresses because DNS is unreliable.

Correct Answer: CD

QUESTION 12

DRAG DROP

Refer to the exhibit.

Drag and drop the code from the bottom onto the box where the code is missing to complete the API request. An engineer is using this API request to implement Chat-Ops to generate notifications m a Webex space by using webhooks. Not all options are used.

Select and Place:

```
def process_incoming_message(                              ):

    # Get the webhook data
    webhook_data = inbound_webhook_request.json

    # Determine the Teams Room to send reply to

    room_id =

    # Get the details about the message that was sent.

    message_id =

    message = teams.messages.get(message_id)

    # Verify message isn't from bot

    if                               in teams.people.me().id:

        return ""
```

inbound_webhook_request	webhook_data["data"]["id"]
webhook_data["data"]["roomId"]	message.personId
webhook_data["roomId"]	message.toPersonId

Correct Answer:

```
def process_incoming_message(                              ):
                             inbound_webhook_request

    # Get the webhook data
    webhook_data = inbound_webhook_request.json

    # Determine the Teams Room to send reply to

    room_id =       webhook_data["data"]
                         ["roomId"]
    # Get the details about the message that was sent.

    message_id =
                   webhook_data["data"]["id"]

    message = teams.messages.get(message_id)

    # Verify message isn't from bot

    if                                in teams.people.me().id:
              message.personId

        return ""
```

webhook_data["roomId"]	message.toPersonId	

QUESTION 13

Refer to the exhibit.

```
tasks:
  - name: Base config template
    ios_config:
      ▯           :
      - logging buffered 10240
      - service timestamps debug datetime msec localtime show-timezone
      - service timestamps log datetime msec localtime show-timezone
```

Which word is missing from this Ansible playbook shown, to allow the Cisco IOS XE commands for router configuration to be pushed after the playbook is executed?

A. Commands

B. Input

C. Lines

D. cofig

Correct Answer: C

QUESTION 14

DRAG DROP

A developer is creating a Python script to analyze errors during REST API call operations. The script will be used with Cisco solution and devices.

Drag and drop the code from the bottom to the box where the code is missing to implement control flow for handling unrecoverable REST API calls. Not all options are used.

Select and Place:

```
import requests, json, sys

BASE URL = "https://10.10.20.90:8443"
AUTH URL = f"{BASE URL}/j security check"
headers = {'Content-Type': 'application/x-www-form-urlencoded'}
payload = {'j username' : "admin", 'j password' : "password"}

session = requests.Session()
response = session.post(AUTH URL, headers=headers, data=payload, verify=False)

if [          ] :
    DEVICE URL = f"{BASE URL}/dataservice/device/interface/synced?deviceId=10.10.1.11"
    response = session.get(DEVICE URL, verify=False)
    print(response.text.encode('utf8'))
    [          ]

elif [          ] :
    print("Authentication error")

else:
    print("Unknown Error!")
    [          ]
```

response.status == 403	response.status_code == 200
response.status_code == 403	sys.exit(0)
sys.exit(1)	response.status == 200

Correct Answer:

```
import requests, json, sys

BASE URL = "https://10.10.20.90:8443"
AUTH URL = f"{BASE URL}/j_security_check"
headers = {'Content-Type': 'application/x-www-form-urlencoded'}
payload = {'j_username' : "admin", 'j_password' : "password"}

session = requests.Session()
response = session.post(AUTH URL, headers=headers, data=payload, verify=False)

if    response.status_code == 200    :
    DEVICE URL = f"{BASE URL}/dataservice/device/interface/synced?deviceId=10.10.1.11"
    response = session.get(DEVICE URL, verify=False)
    print(response.text.encode('utf8'))
            sys.exit(0)

elif    response.status_code == 403    :
    print("Authentication error")

else:
    print("Unknown Error!")
            sys.exit(1)
```

response.status == 403	
	response.status == 200

QUESTION 15

```
1    from base64 import b64encode
2
3    import requests
4
5    userAndPass = b64encode(b"developer:Cisco12345").decode("ascii")
6    headers = {'Authorization': 'Basic %s' % userAndPass,
7              "Accept": "application/yang-data+json",
8              "Content-Type": "application/yang-data+json"}
9
10   payload = {
11       "hostname": "Router1"
12   }
13
14   [                                                    ]
15
·
16
17   print("response:" + str(response.status_code), response.text)
```

Refer to me exhibit The Python code manages a Cisco CSR 1000V router Which code snippet must be placed in the blank m the code to update the current configuration of the targeted resource?

A.

```
uri = "/restconf/data/Cisco-IOS-XE-native:native"
response = requests.patch("https://10.10.20.48:443" +
uri,  headers=headers, json=payload
```

B.

```
uri = "/restconf/data/Cisco-IOS-XE-
native:native/hostname"
response = requests.patch("https://10.10.20.48:443" +
uri,  headers=headers, json=payload
```

C.

```
uri = "/restconf/data/Cisco-IOS-XE-native:native"
response = requests.post("https://10.10.20.48:443"
+ uri,  headers=headers, json=payload
```

D.

```
uri = "/restconf/data/Cisco-IOS-XE-
native:native/hostname"
response = requests.post("https://10.10.20.48:443" +
uri,  headers=headers, json=payload
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

[350-901 Practice Test](#)   [350-901 Study Guide](#)   [350-901 Braindumps](#)