

350-901 Well Prep & 350-901 Valid Cram Materials



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The Developing Applications using Cisco Core Platforms and APIs (DEVCOR) (350-901) certification helps you advance your career and even secure a pay raise. Today, the Cisco certification is an excellent choice for career growth, and to obtain it, you need to pass the 350-901 exam which is a time-based exam. To prepare for the 350-901 Exam successfully in a short time, it's essential to prepare with real 350-901 exam questions. If you don't prepare with 350-901 updated dumps, you will fail and lose time and money.

Cisco 350-901 certification exam is an essential exam that can open doors to various job opportunities. Employers seek individuals with this certification since it is proof of their technical knowledge in developing applications using core Cisco platforms and APIs. Hence passing 350-901 Exam is not only a personal accomplishment but also a boost to career prospects. Ultimately, individuals who pass the certification exam will have the edge they need to obtain better job opportunities and move forward in their career.

>> 350-901 Well Prep <<

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Cisco 350-901: Developing Applications using Cisco Core Platforms and APIs (DEVCOR) exam is one of the most-awaited certifications to validate your skills and knowledge to develop applications using Cisco platforms and APIs. Developing Applications using Cisco Core Platforms and APIs (DEVCOR) certification exam is intended for software developers, network professionals, and solution architects who want to enhance their knowledge and expertise in developing applications using Cisco core platforms and APIs.

The Cisco 350-901 Exam encompasses a wide range of knowledge and skills that are grouped into 5 domains. The abilities related to each topic are outlined below:

- **Software Development & Design – 20%**

The first domain revolves around the candidates' skills, such as describing distributed applications associated with the principles of back-end, front-end, as well as load balancing; evaluating the design of an application taking into consideration modularity and scalability; evaluating the design of an application taking into consideration resiliency as well as high-availability (including Cloud, hybrid, and on-premises); evaluating the design of an application taking into consideration rate limiting and latency; evaluating the design as well as implementation of an application taking into consideration maintainability; evaluating

the design as well as implementation of an application taking into consideration observability. The examinees should also show that they are skilled at diagnosing problems with an application depending on logs associated with an event; evaluating the choice of database kinds depending on the application requirements (including document, relational, columnar, graph, and Time Series); explaining architectural patterns (including microservices, services oriented, monolithic, as well as event driven); utilizing upgraded version control operations using Git (including merging a branch, resolving conflicts; git reset; git checkout; git revert); explaining the principles of release packaging as well as dependency management; constructing a sequence diagram including API calls.

- **Utilizing APIs – 20%**

This topic comprises the following skills: implementing robust REST API error management for time outs as well as rate limits; implementing consumer code control flow for unrecoverable REST API errors; defining ways to optimize API utilization via HTTP cache controls; constructing an application consuming a REST API that maintains pagination; describing the stages within the OAuth2 three-legged authorization code grant flow.

- **Infrastructure & Automation – 20%**

Within this part, the learners need to demonstrate that they are capable of explaining model-driven telemetry considerations (comprising data consumption as well as data storage); utilizing RESTCONF to customize a network device including static routes, VLANs (IOS XE only), and interfaces; constructing a workflow to customize network parameters using ansible playbook as well as puppet manifest; defining a configuration management solution to meet the technical as well as business requirements; describing how to host an application on a network device (including Cisco IOx-enabled devices and Catalyst 9000).

- **Application Deployment & Security – 20%**

To tackle the questions from this section, the applicants should have competency in diagnosing a CI/CD pipeline failure (including missing dependency, failed tests, as well as incompatible versions of elements); integrating an application into a prebuilt CD environment using Docker as well as Kubernetes; describing the advantages of continual testing as well as static code analysis within a CI pipeline; utilizing Docker in order to containerize an application. In addition, the individuals must be able to describe the "12-factor app" tenets; describe an efficient logging approach for an application; explain data privacy concerns associated with storage as well as data transmission; define the secret storage strategy appropriate for a particular scenario. Other skills covered in this domain include configuring application specific SSL certificates; implementing mitigation approaches for OWASP threats (including CSRF, XSS, as well as SQL injection); describing how end-to-end encryption concepts apply to APIs.

- **Cisco Platforms – 20%**

Here the test takers must confirm their proficiency in constructing the API requests to implement chatops using Webex Teams API; constructing the API requests in order to develop as well as delete objects with the help of Firepower device management (FDM); constructing the API requests with the help of the Meraki platform to fulfill these tasks (including utilizing Meraki Dashboard APIs to activate SSID as well as utilizing Meraki location APIs to retrieve location data). Besides that, the students should have the relevant skills in constructing API calls to retrieve data from Intersight; constructing a Python script with the help of UCS APIs to provision a new UCS server depending on a template; constructing a Python script with the help of Cisco DNA center APIs to retrieve as well as display wireless health data; describing the capacity of AppDynamics while instrumenting an application; describing stages to construct a custom dashboard to provide data collected from Cisco APIs.

Cisco Developing Applications using Cisco Core Platforms and APIs (DEVCOR) Sample Questions (Q92-Q97):

NEW QUESTION # 92

Drag and drop the git commands from the left into the correct order on the right to create a feature branch from the master and then incorporate that feature branch into the master.

git branch -d feature	step 1
git checkout -b feature master	step 2
git checkout master	step 3
git push origin master	step 4
git merge --no-ff feature	step 5

Answer:

Explanation:

git checkout -b feature master
git checkout master
git merge --no-ff feature
git branch -d feature
git push origin master

NEW QUESTION # 93

Refer to the exhibit.

```

import threading
import requests

def get_device_list(endpoint, apikey):
    url = "https://api.meraki.com/api/v0/networks/" + endpoint
    hdr = {'x-cisco-meraki-api-key': format(str(apikey)), 'Content-Type':
'application/json'}
    response = requests.get(url=url, headers=hdr)
    print(response.json())

if __name__ == "__main__":
    # creating thread
    thread = <item 1>(<item 2>=get_device_list,
<item 3>=("NETWORK_ID/devices","API_TOKEN"))

    thread.<item 4>
    thread.<item 5>

```

Python threading allows a developer to have different parts of a program run concurrently and simplify a design. Drag and drop the code snippets from the left onto the item numbers on the right that match the missing sections in the exhibit to create a thread instance.

join()

threading.Thread

start()

target

args

<item 1>

<item 2>

<item 3>

<item 4>

<item 5>

Answer:

Explanation:

join()

threading.Thread

start()

target

args

threading.Thread

target

args

start()

join()

NEW QUESTION # 94

Refer to the exhibit.

```
<item 1> python:3.6-alpine
<item 2> . .
<item 3> pip install -r requirements.txt
<item 4> 5001
<item 5> ["python", "app.py"]
```

Drag and drop the correct parts of the Dockerfile from the left onto the item numbers on the right that match the missing sections in the exhibit to complete the Dockerfile to successfully build and deploy a container running a Python application. Not all parts of the Dockerfile are used.

ENV	<item 1>
CMD	<item 2>
RUN	<item 3>
COPY	<item 4>
VOLUME	<item 5>
FROM	
WORKDIR	
EXPOSE	

Answer:

Explanation:

ENV	FROM
CMD	RUN
RUN	RUN
COPY	EXPOSE
VOLUME	CMD
FROM	
WORKDIR	
EXPOSE	

NEW QUESTION # 95

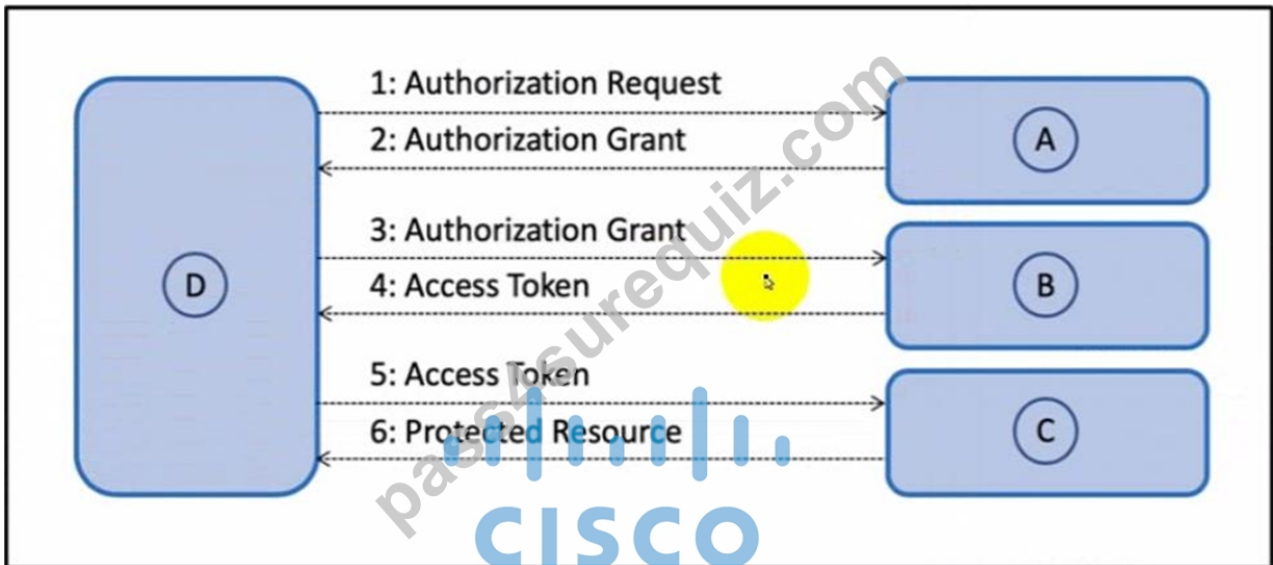
A Cisco Catalyst 9000 switch has guest shell enabled. Which Linux command installs a third-party application?

- A. apt-get install <package-name>
- B. zypper install <package-name>
- C. dnf install <package-name>
- D. yum Install <package-name>

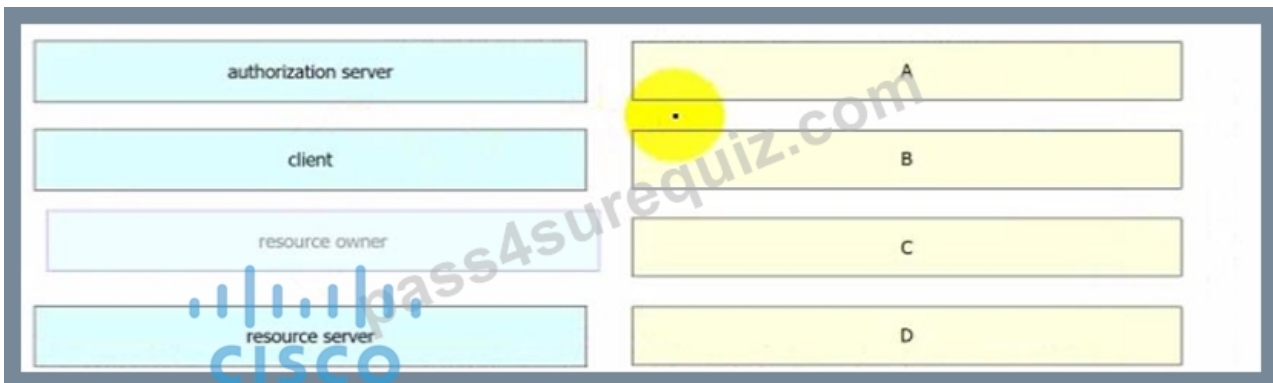
Answer: D

NEW QUESTION # 96

Refer to the exhibit.



Drag and drop the components from the Oauth2 authorization protocol flow on the left onto the letter that matches the location in the exhibit.



Answer:

Explanation:



NEW QUESTION # 97

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