350-901 Dumps

Developing Applications using Cisco Core Platforms & APIs

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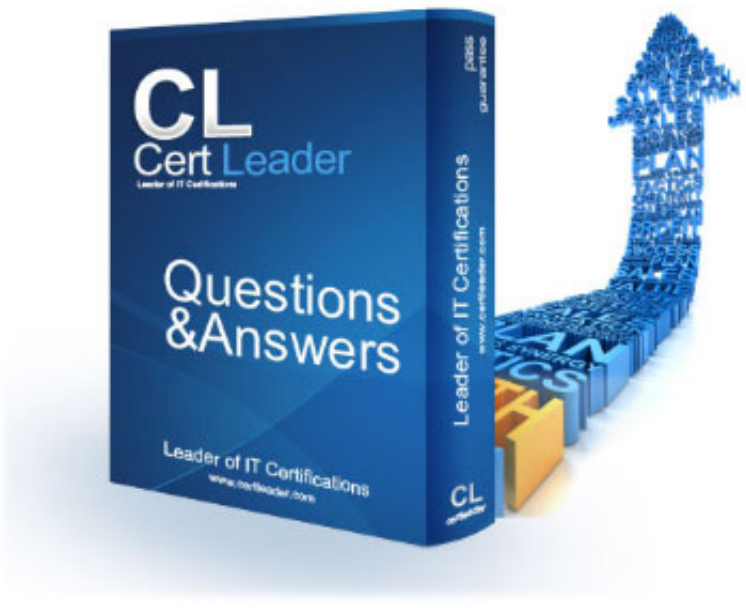


NEW QUESTION 1
An organization manages a large cloud-deployed application that employs a microservices architecture. No notable issues occur with downtime because the services of this application are redundantly deployed over three or more data center regions. However, several times a week reports are received about application slowness. The container orchestration logs show faults in a variety of containers that cause them to fail and then spin up brand new.
Which action must be taken to improve the resiliency design of the application while maintaining current scale?

A. Update the base image of the containers.
B. Test the execution of the application with another cloud services platform.
C. Increase the number of containers running per service.
D. Add consistent “try/catch(exception)” clauses to the code.

Answer: D

NEW QUESTION 2
How should a web application be designed to work on a platform where up to 1000 requests per second can be served?

A. Use algorithms like random early detection to deny excessive requests.
B. Set a per-user limit (for example, 5 requests/minute/user) and deny the requests from the users who have reached the limit.
C. Only 1000 user connections are allowed; further connections are denied so that all connected users can be served.
D. All requests are saved and processed one by one so that all users can be served eventually.

Answer: D

NEW QUESTION 3
An organization manages a large cloud-deployed application that employs a microservices architecture across multiple data centers. Reports have received about application slowness. The container orchestration logs show that faults have been raised in a variety of containers that caused them to fail and then spin up brand new instances.
Which two actions can improve the design of the application to identify the faults? (Choose two.)

A. Automatically pull out the container that fails the most over a time period.
B. Implement a tagging methodology that follows the application execution from service to service.
C. Add logging on exception and provide immediate notification.
D. Do a write to the datastore every time there is an application failure.
E. Implement an SNMP logging system with alerts in case a network link is slow.

Answer: BC

NEW QUESTION 4
An application is hosted on Google Kubernetes Engine. A new JavaScript module is created to work with the existing application. Which task is mandatory to make the code ready to deploy?

A. Create a Dockerfile for the code base.
B. Rewrite the code in Python.
C. Build a wrapper for the code to “containerize” it.
D. Rebase the code from the upstream git repo.

Answer: D

NEW QUESTION 5
Which two statements about a stateless application are true? (Choose two.)

A. Different requests can be processed by different servers.
B. Requests are based only on information relayed with each request.
C. Information about earlier requests must be kept and must be accessible.
D. The same server must be used to process all requests that are linked to the same state.
E. No state information can be shared across servers.

Answer: AB

NEW QUESTION 6
Which statement about microservices architecture is true?

A. Applications are written in a single unit.
B. It is a complex application composed of multiple independent parts.
C. It is often a challenge to scale individual parts.
D. A single faulty service can bring the whole application down.

Answer: B

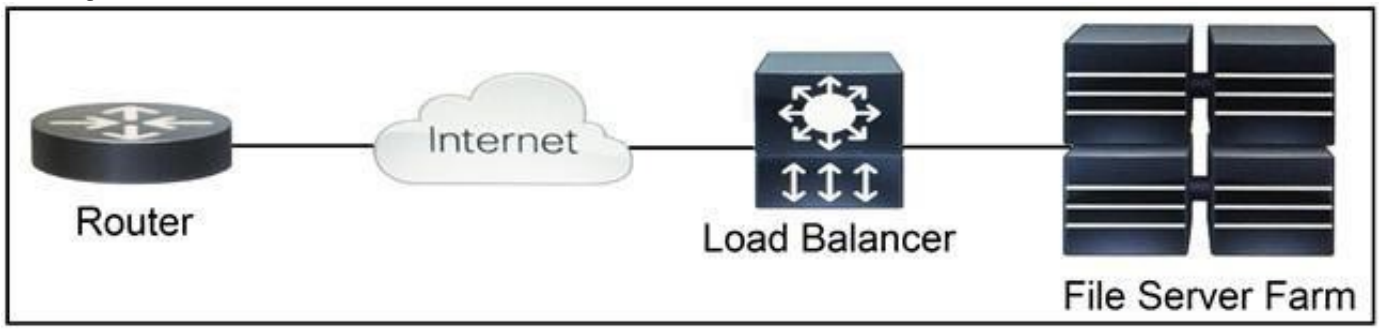
NEW QUESTION 7
Which two data encoding techniques are supported by gRPC? (Choose two.)

A. XML
B. JSON
C. ASCII

D. ProtoBuf
E. YAML

Answer: BE

NEW QUESTION 8

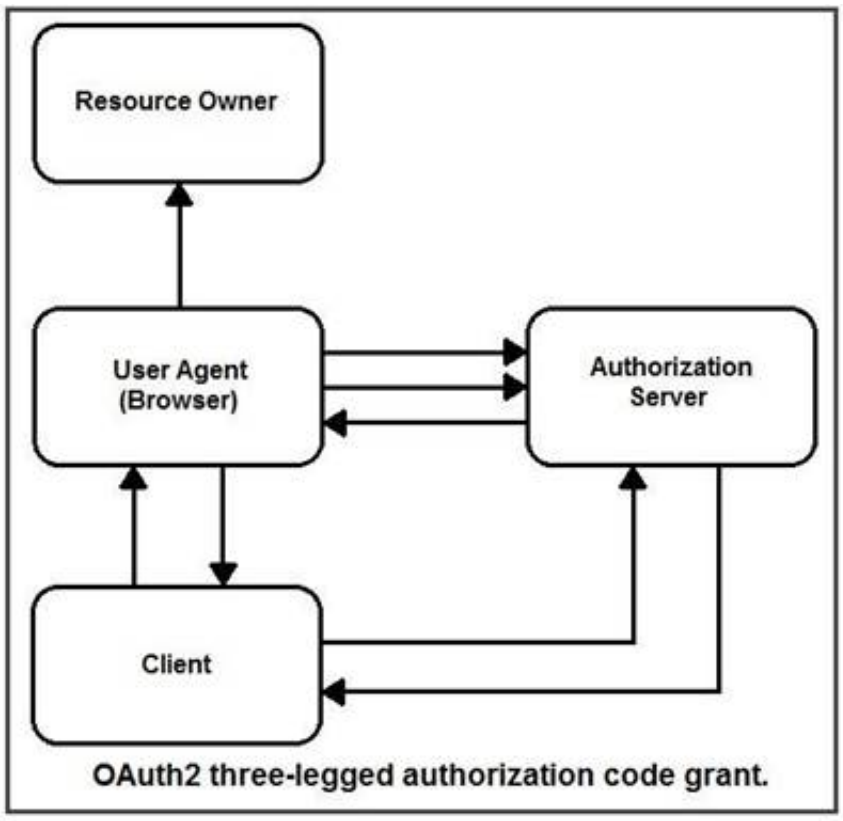


Refer to the exhibit. Which two functions are performed by the load balancer when it handles traffic originating from the Internet destined to an application hosted on the file server farm? (Choose two.)

A. Terminate the TLS over the UDP connection from the router and originate an HTTPS connection to the selected server.
B. Terminate the TLS over the UDP connection from the router and originate an HTTP connection to the selected server.
C. Terminate the TLS over the TCP connection from the router and originate an HTTP connection to the selected server.
D. Terminate the TLS over the TCP connection from the router and originate an HTTPS connection to the selected server.
E. Terminate the TLS over the SCTP connection from the router and originate an HTTPS connection to the selected server.

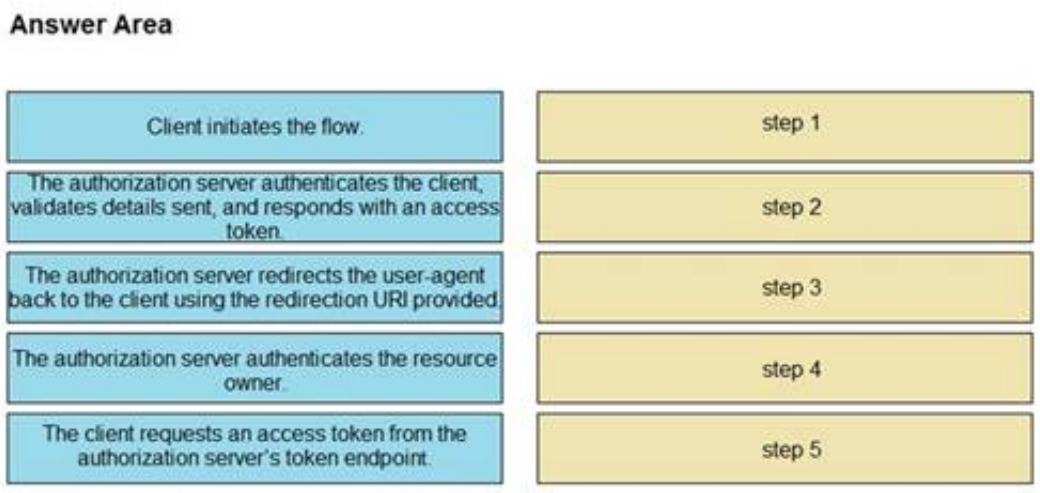
Answer: DE

NEW QUESTION 9
DRAG DROP



Refer to the exhibit. Drag and drop the steps from the left into the correct order of operation on the right for a successful OAuth2 three-legged authorization code grant flow.

Select and Place:



A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Client initiates the flow.	Client initiates the flow.
The authorization server authenticates the client, validates details sent, and responds with an access token.	The authorization server redirects the user-agent back to the client using the redirection URI provided.
The authorization server redirects the user-agent back to the client using the redirection URI provided.	The authorization server authenticates the resource owner.
The authorization server authenticates the resource owner.	The client requests an access token from the authorization server's token endpoint.
The client requests an access token from the authorization server's token endpoint.	The authorization server authenticates the client, validates details sent, and responds with an access token.

NEW QUESTION 10
A developer has completed the implementation of a REST API, but when it is executed, it returns a 401 error message. What must be done on the API to resolve the issue?

A. Access permission to the resource must be granted, before the request.
B. Configure new valid credentials.
C. The requested API endpoint does not exist, and the request URL must be changed.
D. Additional permission must be granted before the request can submitted.

Answer: D

NEW QUESTION 10

Paginating the Results

By adding the `page-size` operator to the query URI you can divide the query results into groups (pages) of objects using the following syntax. The operand specifies the number of objects in each group.

page-size = *number-of-objects-per-page*

By adding the `page` operator in the query URI, you can specify a single group to be returned using the following syntax. The pages start from number 0.

page = *page-number*

This example shows you how to specify 15 fault instances per page in descending order, returning only the first page:

Refer to the exhibit. Many faults have occurred in the ACI environment and a sample of them needs to be examined. Which API call retrieves faults 30 through 45?

A. GET https://apic-ip-address/api/class/faultInfo.json?order-by=faultinst.severity|desc&page=1&page-size=15
B. GET https://apic-ip-address/api/class/faultInfo.json?order-by=faultinst.severity|desc&page=2&page-size=15
C. GET https://apic-ip-address/api/class/faultInfo.json?order-by=faultinst.severity|desc&page=30
D. GET https://apic-ip-address/api/class/faultInfo.json?order-by=faultinst.severity|desc&page=2&page-size=30

Answer: D

NEW QUESTION 11
An application uses OAuth to get access to several API resources on behalf of an end user. What are two valid parameters to send to the authorization server as part of the first step of an authorization code grant flow? (Choose two.)

A. URI to which the authorization server will send the user-agent back when access is granted or denied
B. list of the API resources that the application is requesting to access
C. secret that was generated by the authorization server when the application registered as an OAuth integration
D. list of scopes that correspond to the API resources to which the application is requesting to access
E. name of the application under which the application registered as an OAuth integration

Answer: AC

NEW QUESTION 16
Which snippet presents the correct API call to configure, secure, and enable an SSID using the Meraki API?

A.

```
curl -X PUT \
--url 'https://api.meraki.com/api/v0/networks/:networkId/ssids/2' \
-H 'X-Cisco-Meraki-API-Key: 15da0c6ffff295f16267f88f98694cf29a86ed87' \
-H 'Accept: application/json' \
-H 'Content-type: application/json' \
--data-raw '{
"name": "My SSID",
"enabled": false,
"authMode": "psk",
"encryptionMode": "wpa",
"psk": "meraki123",
"wpaEncryptionMode": "WPA1 and WPA2"
}'
```

B.
```
curl -X PUT \
--url 'https://api.meraki.com/api/v0/networks/:networkId/ssids/2' \
-H 'X-Cisco-Meraki-API-Key: 15da0c6ffff295f16267f88f98694cf29a86ed87' \
-H 'Accept: application/json' \
-H 'Content-type: application/json' \
--data-raw '{
"name": "My SSID",
"enabled": true,
"authMode": "psk",
"encryptionMode": "wpa",
"psk": "meraki123",
"wpaEncryptionMode": "WPA1 and WPA2"
}'
```

C.
```
curl -X PUT \
--url 'https://api.meraki.com/api/v0/networks/:networkId/ssids/2' \
-H 'X-Cisco-Meraki-API-Key:
15da0c6ffff295f16267f88f98694cf29a86ed87' \
-H 'Accept: application/json' \
-H 'Content-type: application/json' \
--data-raw '{
"enabled": true,
"useVlanTagging": true
}'
```

D.
```
curl -X PUT \
--url 'https://api.meraki.com/api/v0/networks/:networkId/ssids/2' \
-H 'X-Cisco-Meraki-API-Key: 15da0c6ffff295f16267f88f98694cf29a86ed87' \
-H 'Accept: application/json' \
-H 'Content-type: application/json'\
--data-raw '{
"name": "My SSID",
"enabled": true,
}'
```

Answer: B

NEW QUESTION 20
Click on the GET Resource button above to view resources that will help with this question.
An engineer is managing a DC with 6000 Cisco UCS servers installed and running. The engineer has been asked to identify all resources where the model is in the UCSB family and the available memory is less than or equal to 5 GB.
Which REST API call accomplishes this task?

A. GET/api/v1/compute/RackUnits?$select=Vendor,Model,Serial&$filter=not(Model eq 'UCSC') and AvailableMemory le 5000
B. GET/api/v1/compute/RackUnits?$select=Vendor,Model,Serial&$filter=Model eq 'UCSB' and AvailableMemory lt 5000
C. GET/api/v1/compute/RackUnits?$select=Vendor,Model,Serial&$filter=contains(Model, UCSB') and AvailableMemory lt 5000
D. GET/api/v1/compute/RackUnits?$select=Vendor,Model,Serial&$filter=contains(Model, UCSB') and AvailableMemory le 5000

Answer: D

NEW QUESTION 24

```
import http.client

conn = http.client.HTTPSConnection("dnac.cisco.com")

headers = {
 '__runsync': "true",
 '__timeout': "30",
 '__persistbapioutput': "true",
}

conn.request("[   ]", "/dna/intent/api/v1/[        ]?timestamp=10000", headers=headers)

res = conn.getresponse()
data = res.read()

print(data.decode("utf-8"))
```

Refer to the exhibit. Which configuration of method and parameter retrieves the health of a laptop connected to the network from Cisco DNA Center?

A. PUT; network-health;
B. GET; client-health;
C. GET; network-device;
D. POST; network-device;

Answer: C

NEW QUESTION 25

```
headers = (_____)
try:
    response = requests.get("https://sandboxdnac.cisco.com/dna/intent/api/v1/wireless/profile",
    headers=headers, verify=False)
except requests/exceptions.RequestException as cerror:
    print("Error processing request", cerror)
    sys.exit(1)
```

Refer to the exhibit. Which code snippet is required in the headers to successfully authorize wireless information from Cisco DNA Center?

A. headers = {'X-auth-token':'fa8426a0-8eaf-4d22-8e13-7c1b16a9370c'} B.headers = {'Authorization':'Basic YWRtaW46R3JhcGV2aW5IMQ=='}
B. headers = {'Authorization':'Bearer ASDNFALKJER23412RKDALSNKF"}
C. headers = {'Content-type':'application/json}

Answer: A

NEW QUESTION 27
Which two strategies are used to protect personally identifiable information? (Choose two.)

A. Encrypt data in transit.
B. Encrypt hash values of data.
C. Encrypt data at rest.
D. Only hash usernames and passwords for efficient lookup.
E. Only encrypt usernames and passwords for efficient lookup.

Answer: AB

NEW QUESTION 29
The response from a server includes the header ETag: W/"7eb8b94419e371767916ef13e0d6e63d". Which statement is true?

A. The ETag has a Strong validator directive.
B. The ETag has a Weak validator directive, which is an optional directive.
C. The ETag has a Weak validator directive, which is a mandatory directive.
D. The ETag has a Strong validator directive, which it is incorrectly formatted.

Answer: B

NEW QUESTION 31
Which database type should be used to store data received from model- driven telemetry?

A. BigQuery database
B. Time series database
C. NoSQL database
D. PostgreSQL database

Answer: B

NEW QUESTION 33

```
---
- name: IOS XE Configuration
  hosts: ios_xe
  connection: local
  gather_facts: false

  tasks:
  - name: IOS NTP
    ios_ntp:
      provider: "{{ creds }}"
      server: 10.0.255.10
      source_int: GigabitEthernet2
      logging: false
```

Refer to the exhibit. Which key value pair from the ios_ntp Ansible module creates an NTP server peer?

A. state: present
B. state: True
C. config: present
D. config: True

Answer: A

NEW QUESTION 38
A developer needs to configure an environment to orchestrate and configure. Which two tools should be used for each task? (Choose two.)

A. Puppet for orchestration
B. Terraform for orchestration
C. Terraform for configuration
D. Ansible for orchestration
E. Ansible for configuration

Answer: BE

NEW QUESTION 42
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