

350-901 Dumps

Developing Applications using Cisco Core Platforms & APIs

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NEW QUESTION 1

Which two statements are considered best practices according to the 12-factor app methodology for application design? (Choose two.)

- A. Application code writes its event stream to stdout.
- B. Application log streams are archived in multiple replicated databases.
- C. Application log streams are sent to log indexing and analysis systems.
- D. Application code writes its event stream to specific log files.
- E. Log files are aggregated into a single file on individual nodes.

Answer: AD

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

Which two situations are flagged by software tools designed for dependency checking in continuous integration environments, such as OWASP? (Choose two.)

- A. publicly disclosed vulnerabilities related to the included dependencies
- B. mismatches in coding styles and conventions in the included dependencies
- C. incompatible licenses in the included dependencies
- D. test case failures introduced by bugs in the included dependencies
- E. buffer overflows to occur as the result of a combination of the included dependencies

Answer: AE

NEW QUESTION 4

A network operations team is using the cloud to automate some of their managed customer and branch locations. They require that all of their tooling be ephemeral by design and that the entire automation environment can be recreated without manual commands. Automation code and configuration state will be stored in git for change control and versioning. The engineering high-level plan is to use VMs in a cloud-provider environment then configure open source tooling onto these VMs to poll, test, and configure the remote devices, as well as deploy the tooling itself.

Which configuration management and/or automation tooling is needed for this solution?

- A. Ansible
- B. Ansible and Terraform
- C. NSO
- D. Terraform
- E. Ansible and NSO

Answer: B

NEW QUESTION 5

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 6

Which database type should be used with highly structured data and provides support for ACID transactions?

- A. time series
- B. document
- C. graph
- D. relational

Answer: D

NEW QUESTION 7

Where should distributed load balancing occur in a horizontally scalable architecture?

- A. firewall-side/policy load balancing
- B. network-side/central load balancing
- C. service-side/remote load balancing
- D. client-side/local load balancing

Answer: B

NEW QUESTION 8

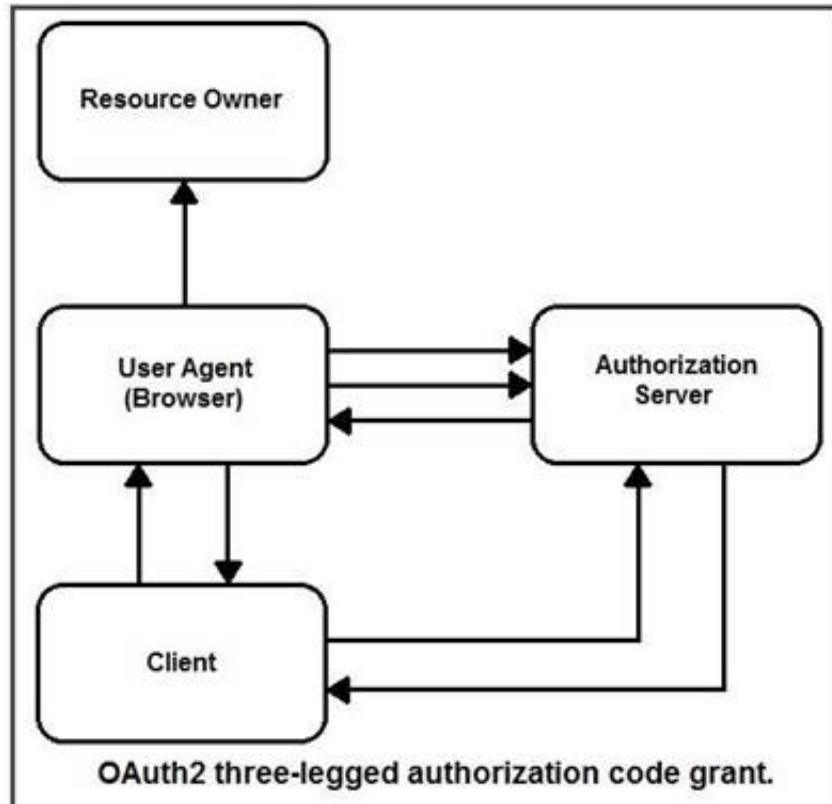
Which transport protocol is used by gNMI?

- A. HTTP/2
- B. HTTP 1.1
- C. SSH
- D. MQTT

Answer: A

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:

Answer Area

Client initiates the flow.	step 1
The authorization server authenticates the client, validates details sent, and responds with an access token.	step 2
The authorization server redirects the user-agent back to the client using the redirection URI provided.	step 3
The authorization server authenticates the resource owner.	step 4
The client requests an access token from the authorization server's token endpoint.	step 5

- 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

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 10

\$filter { string }

query

Filter criteria for documents to return. A URI with a \$filter System Query Option identifies a subset of the Entries from the Collection of Entries identified by the Resource Path section of the URI. The subset is determined by selecting only the Entries that satisfy the predicate expression specified by the query option. The expression language that is used in \$filter operators supports references to properties and literals. The literal values can be strings enclosed in single quotes, numbers and boolean values (true or false) or any of the additional literal representations shown in the Abstract Type System section. Query examples: `$filter=Name eq 'Bob'` `$filter=Tags/any(t: t/Key eq 'Site')` `$filter=Tags/any(t: t/Key eq 'Site' and t/Value eq 'London')`

GET `/api/v1/compute/RackUnits?$filter=Tags/any (t:t/Key eq 'Site')`

Refer to the exhibit. An Intersight API is being used to query RackUnit resources that have a tag keyword set to "Site". What is the expected output of this command?

- A. list of all resources that have a tag with the keyword "Site"
- B. error message because the Value field was not specified
- C. error message because the tag filter should be lowercase
- D. list of all sites that contain RackUnit tagged compute resources

Answer: A

NEW QUESTION 13

A user is receiving a 429 Too Many Requests error. Which scheme is the server employing that causes this error?

- A. rate limiting
- B. time outs
- C. caching
- D. redirection

Answer: A

NEW QUESTION 18

Which RFC5988 (Web Linking) relation type is used in the Link header to control pagination in APIs?

- A. rel="index"
- B. rel="page"
- C. rel="next"
- D. rel="section"

Answer: C

NEW QUESTION 19

A client is written that uses a REST API to interact with a server. Using HTTPS as the transport, an HTTP request is sent and received an HTTP response. The response contains the HTTP response status code: 503 Service Unavailable.

Which action is the appropriate response?

- A. Add an Authorization header that supplies appropriate credentials and sends the updated request.
- B. Resend the request using HTTP as the transport instead of HTTPS.
- C. Add an Accept header that indicates the content types that the client understands and send the updated request.

D. Look for a Retry-After header in the response and resend the request after the amount of time indicated.

Answer: A

NEW QUESTION 23

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 26

Which two types of storage are supported for app hosting on a Cisco Catalyst 9000 Series Switch? (Choose two.)

- A. external USB storage
- B. internal SSD
- C. CD-ROM
- D. SD-card
- E. bootflash

Answer: AB

NEW QUESTION 31

On a Cisco Catalyst 9300 Series Switch, the guest shell is being used to create a service within a container. Which change is needed to allow the service to have external access?

- A. Apply ip nat overload on VirtualPortGroup0.
- B. Apply ip nat inside on Interface VirtualPortGroup0.
- C. Apply ip nat outside on Interface VirtualPortGroup0.
- D. Apply ip nat inside on Interface GigabitEthernet1.

Answer: B

NEW QUESTION 34

```
headers = ( _____ )
try:
    response = requests.get("https://sandboxdnac.cisco.com/dna/intent/api/v1/wireless/profile",
        headers=headers, verify=False)
except requests.exceptions.RequestException as error:
    print("Error processing request", error)
    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 37

Into which two areas are AppDynamics APIs categorized? (Choose two.)

- A. application-centric
- B. analytics-events
- C. database-visibility
- D. platform-side
- E. agent-side

Answer: DE

NEW QUESTION 38

```
node 'default' {
  cisco_yang_netconf { 'my-config':
    target => '<vrf xmlns='http://cisco.com/ns/yang/Cisco-IOS-XR-infra-rsi-cfg'>',
    source => '<vrf xmlns='http://cisco.com/ns/yang/Cisco-IOS-XR-infra-rsi-cfg'>
      <vrf>
        <vrf-name>VOIP</vrf-name>
        <create/>
        <description>Voice over IP</description>
        <vpn-id>
          <vpn-oui>875</vpn-oui>
          <vpn-index>3</vpn-index>
        </vpn-id>
      </vrf>
      <vrf>
        <vrf-name>INTERNET</vrf-name>
        <create/>
        <description>Generic external traffic</description>
        <vpn-id>
          <vpn-oui>875</vpn-oui>
          <vpn-index>22</vpn-index>
        </vpn-id>
      </vrf>
    </vrf>
  }
  mode => ,
  force => ,
}
```

Refer to the exhibit. This script uses ciscoyang to configure two VRF instances on a Cisco IOS-XR device using the Yang NETCONF type. Which two words are required to complete the script? (Choose two.)

- A. ensure
- B. commit
- C. false
- D. replace
- E. none

Answer: CD

NEW QUESTION 40

There is a requirement to securely store unique usernames and passwords. Given a valid username, it is also required to validate that the password provided is correct. Which action accomplishes this task?

- A. Encrypt the username, hash the password, and store these values.
- B. Hash the username, hash the password, and store these values.
- C. Encrypt the username, encrypt the password, and store these values.
- D. Hash the username, encrypt the password, and store these values.

Answer: A

NEW QUESTION 42

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.

Answer: D

NEW QUESTION 45

An application has initiated an OAuth authorization code grant flow to get access to an API resource on behalf of an end user. Which two parameters are specified in the HTTP request coming back to the application as the end user grants access? (Choose two.)

- A. access token and a refresh token with respective expiration times to access the API resource
- B. access token and expiration time to access the API resource
- C. redirect URI a panel that shows the list of permissions to grant
- D. code that can be exchanged for an access token
- E. state can be used for correlation and security checks

Answer: AB

NEW QUESTION 49

Which two principles are included in the codebase tenet of the 12-factor app methodology? (Choose two.)

- A. An application is always tracked in a version control system.
- B. There are multiple codebases per application.
- C. The codebase is the same across all deploys.
- D. There can be a many-to-one correlation between codebase and application.
- E. It is only possible to have one application deployment per codebase.

Answer: AE

NEW QUESTION 54

What is submitted when an SSL certificate is requested?

- A. PEM
- B. CRT
- C. DER
- D. CSR

Answer: D

NEW QUESTION 57

Which two statements describe advantages of static code analysis over unit tests? (Choose two.)

- A. It checks for potential tainted data where input is not checked.
- B. It enforces proper coding standards and style.
- C. It performs a quick analysis of whether tests will pass or fail when run.
- D. It checks for race conditions in threaded applications.
- E. It estimates the performance of the code when run.

Answer: BC

NEW QUESTION 60

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 61

```
open_file = open("text_file.txt", "r")
read_file = open_file.read()
print(read_file)
```

Refer to the exhibit. a developer created the code, but it fails to execute. Which code snippet helps to identify the issue?

- A.

```
try:
    open_file = open("text_file.txt", "r")
    read_file = open_file.read()
    print(read_file)
except:
    print("File not there")
```
- B.

```
try:
    print("File not there")
except:
    open_file = open("text_file.txt", "r")
    read_file = open_file.read()
    print(read_file)
```
- C.

```
try:
    open_file = open("text_file.txt", "r")
    read_file = open_file.read()
    print(read_file)
except:
    print("File not there")
catch:
    error(read_file)
```
- D.

```
open_file = open("text_file.txt", "r")
read_file = open_file.read()
try:
    print(read_file)
except:
    print("File not there")
```

Answer: C

NEW QUESTION 65

```
name: VRFs
ios_vrf:
  vrfs: "{{ local_vrfs }}"
  state: present
  purge: yes
```

Refer to the exhibit. The YAML represented is using the `ios_vrf` module. As part of the Ansible playbook workflow, what is the result when this task is run?

- A. VRFs not defined in the `host_vars` file are removed from the device.
- B. VRFs not defined in the `host_vars` file are added to the device, and any other VRFs on the device remain.
- C. VRFs defined in the `host_vars` file are removed from the device.
- D. VRFs are added to the device from the `host_vars` file, and any other VRFs on the device are removed.

Answer: D

NEW QUESTION 70

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