

Exam Questions 350-901

Developing Applications using Cisco Core Platforms & APIs

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NEW QUESTION 1

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 2

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 3

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 4

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:

NEW QUESTION 5

Which two methods are API security best practices? (Choose two.)

- A. Use tokens after the identity of a client has been established.
- B. Use the same operating system throughout the infrastructure.
- C. Use encryption and signatures to secure data.
- D. Use basic auth credentials over all internal API interactions.
- E. Use cloud hosting services to manage security configuration.

Answer: AC

NEW QUESTION 6

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 7

Refer to the exhibit. An application uses an API to periodically sync a large data set. Based on the HTTP message sequence provided, which statements are true about the caching behavior seen in the scenario? (Choose two.)

- A. The full dataset was transmitted to the client twice.
- B. The dataset changed sometime between message #4 and #5.
- C. A partial dataset was transmitted to the client in message #4.
- D. The dataset did not change during the scenario.
- E. Messages #3 and #5 are equivalent.

Answer: AD

NEW QUESTION 8

Refer to the exhibit. This snippet of a script has recently started exiting abnormally with an exception stating “Unexpected HTTP Response code: 429”. Which solution handles rate limiting by the remote API?

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

Answer: D

NEW QUESTION 9

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 10

Refer to the exhibit. Which set of API requests must be executed by a Webex Teams bot after receiving a webhook callback to process messages in a room and reply with a new message back to the same room?

Answer: B

NEW QUESTION 10

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 15

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 20

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 25

Which two countermeasures help reduce the risk of playback attacks? (Choose two.)

- A. Store data in a NoSQL database.
- B. Implement message authentication (HMAC).

- C. Enable end-to-end encryption.
- D. Remove stack traces from errors.
- E. Use short-lived access tokens.

Answer: BE

NEW QUESTION 26

Refer to the exhibit. Which additional line results in the output of Test 1 upon execution of the docker run --rm devnet 1 command in a Dockerfile with this content?

- A. CMD ["/bin/echo", "Test"]
- B. RUN ["/bin/echo", "Test"]
- C. ENTRYPOINT ["/bin/echo", "Test"]
- D. CMD ["/bin/echo Test"]

Answer: A

NEW QUESTION 28

An automated solution is needed to configure VMs in numerous cloud provider environments to connect the environments to an SDWAN. The SDWAN edge VM is provided as an image in each of the relevant clouds and can be given an identity and all required configuration via cloud-init without needing to log into the VM once online.

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: E

NEW QUESTION 29

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 34

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