



Cisco

Exam Questions 350-901

Developing Applications using Cisco Core Platforms & APIs

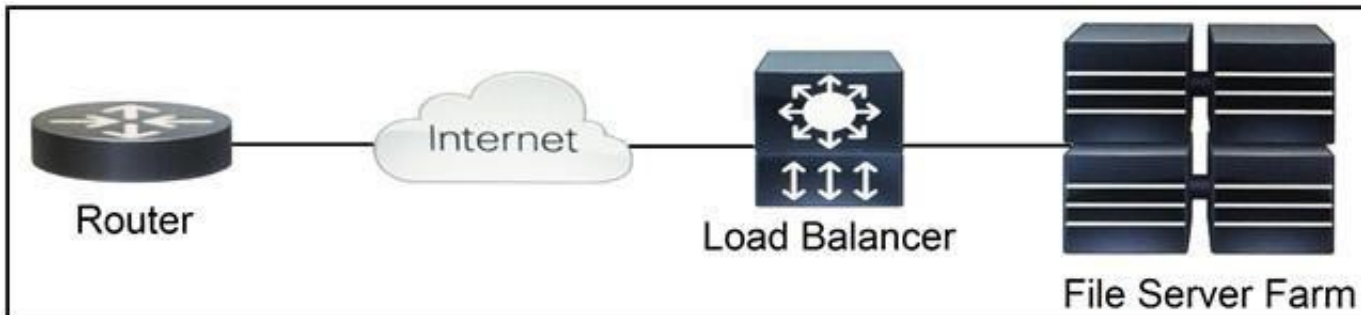
NEW QUESTION 1

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



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 3

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 4

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 5

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 6

The UCS Python SDK includes modules for Service Profile template creation. Which two UCS Service Profile template types are supported? (Choose two.)

- A. initial-template
- B. updating-template
- C. abstract-template
- D. attached-template
- E. base-template

Answer: AB

NEW QUESTION 7

A container running a Python script is failing when it reaches the integration testing phase of the CI/CD process. The code has been reviewed thoroughly and the build process works on this container and all other containers pass unit and integration testing. What should be verified to resolve the issue?

- A. that the correct port is exposed in the Dockerfile
- B. that the necessary modules and packages are installed on build
- C. that the script is running from the right directory
- D. that the Python version of the container image is correct

Answer: B

NEW QUESTION 8

AppGigabitEthernet interface is used as data port for a container on a Cisco Catalyst 9000 Series Switch. Which two interface configuration options should be used? (Choose two.)

- A. trunk interface
- B. bridged virtual interface
- C. SPAN port
- D. management interface
- E. subinterface

Answer: AC

NEW QUESTION 9

```
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 10

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 10

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 14

```
- name: Configure Interfaces
  with_items: "{{interfaces}}"
  netconf_config:
    <<: *host_info
    xml: |
      <config>
        <interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
          <interface>
            <name>{{item.interface_type}}{{item.interface_id}}</name>
            <description>{{item.description}}</description>
            <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:ethernetCsmacd</type>
            <enabled>true</enabled>
            <ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
              <address>
                <ip>{{item.ip_address}}</ip>
                <netmask>{{item.subnet_mask}}</netmask>
              </address>
            </ipv4>
          </interface>
        </interfaces>
      </config>
```

Refer to the exhibit. The Ansible playbook is using the netconf_module to configure an interface using a YANG model. As part of this workflow, which YANG models augment the interface?

- A. ietf-interfaces and ietf-ip
- B. iana-if-type and ietf-interfaces
- C. ietf-ip and openconfig-interface
- D. ietf-ip and iana-if-type

Answer: B

NEW QUESTION 16

```
name: VRFs
ios_vrf:
  vrf: "{{ local_vrf }}"
  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 18

```
- name: Configure Interfaces
  with_items: "{{interfaces}}"
  netconf_config:
    <<: *host_info
    xml: |
      <config>
        <interfaces xmlns="urn:ietf:params:xml:ns:yang:ietf-interfaces">
          <interface>
            <name>{{item.interface_type}}{{item.interface_id}}</name>
            <description>{{item.description}}</description>
            <type xmlns:ianaift="urn:ietf:params:xml:ns:yang:iana-if-type">ianaift:ethernetCsmacd</type>
            <enabled>true</enabled>
            <ipv4 xmlns="urn:ietf:params:xml:ns:yang:ietf-ip">
              <address>
                <ip>{{item.ip_address}}</ip>
                <netmask>{{item.subnet_mask}}</netmask>
              </address>
            </ipv4>
          </interface>
        </interfaces>
      </config>
```

Refer to the exhibit. As part of the Ansible playbook workflow, several new interfaces are being configured using the netconf_config module. The task references the interface variables that are unique per device. In which directory is the YAML file with these variables found?

- A. host_vars directory
- B. home directory
- C. group_vars directory
- D. current working directory

Answer: A

NEW QUESTION 20

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