

➤ **Vendor:** Cisco

➤ **Exam Code:** 200-901

➤ **Exam Name:** Developing Applications and Automating Workflows using Cisco Core Platforms (DEVASC)

➤ **New Updated Questions from** [Braindump2go](#) (Updated in [May/2020](#))

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QUESTION 1

What is the first development task in test-driven development?

- A. Write code that implements a desired function.
- B. Write a failing test case for a desired function.
- C. Write a passing test case for existing code.
- D. Reverse engineer the code for a desired function.

Answer: B

QUESTION 2

What are two roles of an artifact repository in a CI/CD pipeline? (Choose two.)

- A. is required for CI/CD pipelines executed on a public cloud infrastructure
- B. is required for managing open source software
- C. stores files needed and generated during the build process
- D. allows for comparing and merging changes in the source code
- E. provides traceability, search, and management of binary files

Answer: CE

QUESTION 3

What are two advantages of YANG-based approaches for infrastructure automation? (Choose two.)

- A. directly maps to JavaScript
- B. multi-platform vendor abstraction
- C. designed to reflect networking concepts
- D. compiles to executables that run on network devices
- E. command line driven interface

Answer: BC

QUESTION 4

what is an advantage of a version control system?

- A. forces the practice of trunk-based development
- B. prevents over-writing code or configuration files
- C. facilitates resolving conflicts when merging code
- D. ensures that unit tests are written

Answer: C

QUESTION 5

How is a branch called "my-bug-fix" started to develop a fix needed in a product?

- A. git branch -b my-bug-fix
- B. git checkout -b my-bug-fix
- C. git checkout my-bug-fix
- D. git branch my-bug-fix

Answer: B

QUESTION 6

Which service provides a directory lookup for IP addresses and host names?

- A. DNS
- B. DHCP
- C. SNMP
- D. NAT

Answer: A

QUESTION 7

A small company has 5 servers and 50 clients. What are two reasons an engineer should split this network into separate client and server subnets? (Choose two)

- A. Internet access to the servers will be denied on the router.
- B. A router will limit the traffic types between the clients and servers.
- C. Subnets will split domains to limit failures.
- D. A router will bridge the traffic between clients and servers.
- E. Subnets provide more IP address space for clients and servers.

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Answer: AC

QUESTION 8

Which device is used to transport traffic from one broadcast domain to another broadcast domain?

- A. load balancer
- B. layer 2 switch
- C. router
- D. proxy server

Answer: C

QUESTION 9

Refer to the exhibit. What is the value of the node defined by this YANG structure?

```
leaf IPPeer {
  type union {
    type inet:ipv4-address;
    type inet:ipv6-address;
  }
}
```

```
{
  "IPPeer": "10.1.1.1"
}

{
  "IPPeer": "10.1.1.1 2001:db::1"
}

{
  "IPPeer": [
    "10.1.1.1",
    "2001:db::1"
  ]
}

{
  "IPPeer": [
    "10.1.1.1"
  ]
}
```

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

Answer: D

Explanation:

<https://tools.ietf.org/html/rfc7950#section-9.12>

QUESTION 10

Refer to the exhibit. What is the result of executing this Ansible playbook?

```
---
- hosts: CISCO_ROUTER_01
  gather_facts: true
  connection: network_cli

  tasks:
    - name: show conf
      use_command:
        command:
          - show conf
      register: conf

    - name: save output to /etc/ansible/configs
      copy:
        content: "{{ conf.stdout[0] }}"
        dest: "/etc/ansible/configs/show_conf_{{ inventory_hostname }}.txt"
```

- A. The playbook copies a new start-up configuration to CISCO_ROUTER_01.
- B. The playbook backs up the running configuration of CISCO_ROUTER_01.
- C. The playbook backs up the start-up configuration of CISCO_ROUTER_01.
- D. The playbook copies a new running configuration to CISCO_ROUTER_01.

Answer: C

QUESTION 11

A 401 HTTP response code is returned when calling a REST API. What is the error state identified by this response code?

- A. The server cannot process the request as it has detected an issue in the request syntax or body.
- B. The server accepted the request but the client is not authorized for this content.
- C. The request has not been accepted because it requires authentication.
- D. The server cannot find the requested resource because the path specified is incorrect.

Answer: C

QUESTION 12

Users cannot access a webserver and after the traffic is captured, the capture tool shows an ICMP packet that reports "time exceeded in-transit". What is the cause of this webserver access issue?

- A. A router along the path is misrouting the packets in a wrong direction.

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- B. A router along the path has the wrong time.
- C. The server is too far away and the packets require too much time to reach it
- D. The server is too loaded and the connection could not be handled in time

Answer: A