



200-901 Q&As

Developing Applications and Automating Workflows using Cisco Platforms (DEVASC)

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QUESTION 1

Which IP service synchronizes the time across devices?

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

Correct Answer: B

QUESTION 2

Which HTTP response code is returned from a successful REST API call to create a new resource?

- A. 201
- B. 204
- C. 302
- D. 429

Correct Answer: A

QUESTION 3

What are two properties of private IP addresses? (Choose two.)

- A. They can be used to access the Internet directly.
- B. They are more secure than public IP addresses.
- C. They are not globally unique.
- D. They can be repeated within the same local network.
- E. They are controlled globally by an IP address registry.

Correct Answer: BC

B = Private addresses cannot be accessed directly from the Internet since they are behind a NAT'd device. C = Private subnets can be used anywhere privately behind a NAT'd device.

**QUESTION 4**

What is the Git command to delete a local branch named "experiment" without a warning?

- A. git branch -rm experiment
- B. git branch -n experiment
- C. git branch -f experiment
- D. git branch -D experiment

Correct Answer: D

Reference: <https://www.atlassian.com/git/tutorials/using-branches>

QUESTION 5

A company wants to automate the orders processed on its website using API. The network device that supports the solution must:

1.
support XML encoding
2.
support distributed transactions
3.
support YANG data models
4.
be support software redundancy

Which requirement prevents the use of RESTCONF for the solution?

- A. software redundancy
- B. YANG data models
- C. distributed transactions
- D. XML encoding

Correct Answer: C

<https://www.claise.be/netconf-versus-restconf-capability-comparisons-for-data-model-driven-management-2/>

**QUESTION 6**

Refer to the exhibit.

```
{
  "ietf-interfaces:interfaces": {
    "interface": [
      {
        "name": "GigabitEthernet1",
        "description": "Network interface",
        "type": "iana-if-type:ethernetCsmacd",
        "enabled": true,
        "ietf-ip:ipv4": {
          "address": [
            {
              "ip": "10.10.20.48",
              "netmask": "255.255.255.0"
            }
          ]
        }
      },
      {
        "name": "GigabitEthernet2",
        "description": "Network Interface",
        "type": "iana-if-type:ethernetCsmacd",
        "enabled": false,
        "ietf-ip:ipv4": {}
      },
      {
        "name": "GigabitEthernet3",
        "description": "Network Interface",
        "type": "iana-if-type:ethernetCsmacd",
        "enabled": false,
        "ietf-ip:ipv4": {}
      }
    ]
  }
}
```

What are two results of running the RESTCONF query? (Choose two.)

- A. GigabitEthernet1 becomes shut down.
- B. Interfaces are created as containers.
- C. GigabitEthernet2 becomes shut down.
- D. Descriptions for two interfaces are applied.



E. The module left-interfaces:interfaces is created.

Correct Answer: DE

QUESTION 7

What is the function of an Ethernet switch in a networking environment?

- A. to switch a frame from one port to another port based on IP address
- B. to switch a frame from one port to another port based on MAC address
- C. to provide IP addressing to connected hosts
- D. to block unwanted traffic

Correct Answer: B

QUESTION 8

DRAG DROP

Drag and drop the steps from the left into the order on the right to implement a CI/CD toolchain. Not all options are used.

Select and Place:

A continuous integration component installs binaries onto a target system.	step 1
A developer checks code into a source management system.	step 2
A continuous deployment component installs binaries onto a target system.	step 3
A continuous deployment component checks out code and runs tests.	
A continuous integration component checks out code and runs tests.	



Correct Answer:

<input type="text"/>	A developer checks code into a source management system.
<input type="text"/>	A continuous integration component checks out code and runs tests.
A continuous deployment component installs binaries onto a target system.	A continuous integration component installs binaries onto a target system.
A continuous deployment component checks out code and runs tests.	
<input type="text"/>	

QUESTION 9

What is a benefit of organizing code into modules?

- A. better maintainability
- B. simplified development
- C. compatibility with REST APIs
- D. reduced development costs

Correct Answer: A

QUESTION 10

Which protocol is used for clock synchronization between network devices?

- A. FTP
- B. NNTP
- C. BGP



D. NTP

Correct Answer: D

Network Time Protocol (NTP) is an internet protocol used to synchronize with computer clock time sources in a network. It belongs to and is one of the oldest parts of the TCP/IP suite. The term NTP applies to both the protocol and the client-server programs that run on computers.

QUESTION 11

Which benefit does CI/CD provide to the infrastructure?

- A. supports connectivity between network resources and external platforms
- B. supports the integration of network devices with external databases
- C. provides version control during application development
- D. enables frequent and reliable code deployments

Correct Answer: D

QUESTION 12

DRAG DROP

Drag and drop the steps from the left into the order on the right to create a test-driven development cycle. Some options are used more than once.

Select and Place:



Add a test.	step 1
Refactor the code.	step 2
Run tests.	step 3
Write some code.	step 4
	step 5

Correct Answer:

Add a test.	Write some code.
Refactor the code.	Add a test.
Run tests.	Run tests.
Write some code.	Refactor the code.
	Add a test.



QUESTION 13

FILL IN THE BLANK

Fill in the blanks to complete the Bash script in which each file in a directory is renamed to its SHA256 hash?

```
TARGET_DIR=/usr/local/certs
for f in [ ] [ ] ; do
  [ ] $f `openssl sha -sha256 -r < $f | cut -f1 -d' '`
done
```

A. Check the answer in explanation.

Correct Answer: A

ls, \$TARGET_DIR, mv

```
TARGET_DIR=/usr/local/certs
for f in `ls [ ] [ ]` ; do
  mv [ ] [ ] $f `openssl sha -sha256 -r < $f | cut -f1 -d' '`
done
```