DUMPS ARENA

Developing Applications and Automating Workflows using Cisco Core Platforms (DEVASC)

Cisco 200-901

Version Demo

Total Demo Questions: 20

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Topic Break Down

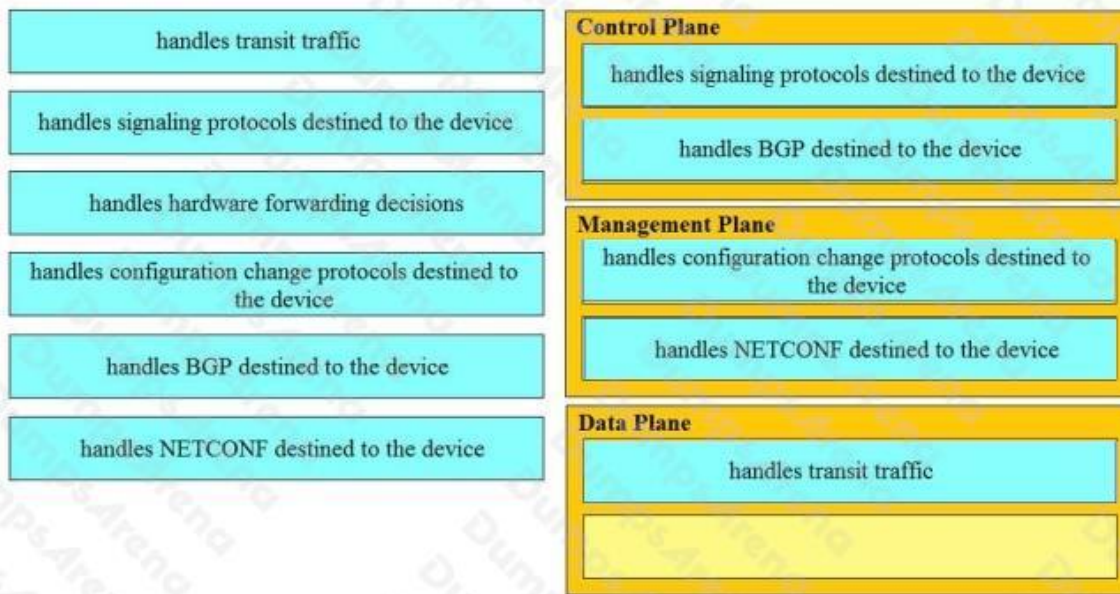| Topic	No. of Questions
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QUESTION NO: 1 - (DRAG DROP)

DRAG DROP

Drag and drop the function on the left onto the type of plane that handles the function on the right.

Select and Place:

handles transit traffic	**Control Plane**
handles signaling protocols destined to the device	
handles hardware forwarding decisions	**Management Plane**
handles configuration change protocols destined to the device	
handles BGP destined to the device	**Data Plane**
handles NETCONF destined to the device	

ANSWER:

handles transit traffic	**Control Plane**
handles signaling protocols destined to the device	handles signaling protocols destined to the device
handles hardware forwarding decisions	handles BGP destined to the device
handles configuration change protocols destined to the device	**Management Plane**
handles BGP destined to the device	handles configuration change protocols destined to the device
handles NETCONF destined to the device	handles NETCONF destined to the device

Control Plane

handles signaling protocols destined to the device

handles BGP destined to the device

Management Plane

handles configuration change protocols destined to the device

handles NETCONF destined to the device

Data Plane

handles transit traffic

Explanation:

QUESTION NO: 2

How are load balancers used in modern application deployments?

A. Turn off traffic and take down compute units, then update and bring the compute units back up.

B. Allow traffic to continue as new compute units are brought up and old compute units are taken down.

C. Allow HTTP and HTTPS traffic to continue as old compute units are discontinued before new units are brought up.

D. Bring up new compute units, test the compute units, and switch the traffic from old units to new units.

ANSWER: D

QUESTION NO: 3

How are operations on REST APIs performed as compared to RPC APIs?

A. In a REST API, operations are performed on an object (node) that is identified by a URL, but RPC APIs are operation-oriented.

B. In a REST API, operations are performed on an external resource that is defined on the API, but the RCP APIs are resource-oriented.

C. In a REST API, operations are performed on a platform that is identified by the URL, but RPC APIs are platform-oriented.

D. In a REST API, operations are performed on an internal resource that is defined on the API, but RPC APIs are resource-oriented.

ANSWER: A

QUESTION NO: 4

Refer to the exhibit.

```
1 #/bin/bash
2
3 curl https://ciscodevnet.com/devnet-0.13.tar.gz -o /tmp/devnet.tar.gz
4 tar -zxf /tmp/devnet.tar.gz
5 mkdir /tmp/devnet && pushd /tmp/devnet
6
7 ./configure && make && make install
8
9 systemctl enable devnet
10 systemctl start devnet
```

A network engineer works on a Cisco DevNet application that is available for download on the Cisco DevNet website. The engineer prepares a bash script to automate operations that relate to the application. Which workflow is being automated in the bash script?

A. compilation and configuration of the Cisco DevNet application so that it must be started manually

B. compilation, installation, and configuration of the Cisco DevNet application so that it starts automatically

C. compilation and installation of the Cisco DevNet application for an autonomous deployment model

D. installation and configuration of the Cisco DevNet application so that it starts manually

ANSWER: B

QUESTION NO: 5

Which task is performed because the test-driven development approach is being used?

A. creating test scenarios based on continuous development

B. writing code without committing any coding violations

C. refactoring code that is covered by existing tests

D. testing existing software before developing new code

ANSWER: D

Explanation:

Reference: https://www.guru99.com/test-driven-development.html

QUESTION NO: 6

Access to the management interface of devices must be restricted by using SSH and HTTPS. Which two ports must be included in the ACLs for the protocols to work? (Choose two.)

A. 22

B. 23

C. 80

D. 443

E. 880

ANSWER: A D

QUESTION NO: 7

```
1   import requests
2
3   url = "https://api.meraki.com/api/v0/organizations/{{organizationId}}/insight/
*   monitoredMediaServers"
4
5   payload = {
6       "name": "Sample VoIP Provider",
7       "address": "123.123.123.1"
8   }
9   headers = {
10    'Accept': '*/*',
11    'Content-Type': 'application/json'
12  }
13
14  response = requests.request("POST", url, headers=headers, data=payload)
15
16  print(response.text.encode('utf8'))
```

Refer to the exhibit. Which workflow does the script automate?

A. retrieves a media server that is being monitored

B. updates a media server that is being monitored

C. adds a media server to be monitored

D. deletes a media server that is being monitored

ANSWER: B

QUESTION NO: 8 - (DRAG DROP)

DRAG DROP

Drag and drop the functionalities from the left onto the correct networking devices on the right.

Select and Place:

ports are different broadcast domains by default	Firewall
ports can be in the same broadcast domain	Load Balancer
uses traffic inspection to make routing decisions	Router
blocks network traffic by default	Switch

ANSWER:

ports are different broadcast domains by default	blocks network traffic by default
ports can be in the same broadcast domain	uses traffic inspection to make routing decisions
uses traffic inspection to make routing decisions	ports are different broadcast domains by default
blocks network traffic by default	ports can be in the same broadcast domain

Explanation:

Reference: https://geek-university.com/ccna/broadcast-domain-explained/

QUESTION NO: 9

Several teams at a company are developing a new CRM solution to track customer interactions with a goal of improving customer satisfaction and driving higher revenue. The proposed solution contains these components:

• MySQL database that stores data about customers

• HTML5 and JavaScript UI that runs on Apache

• REST API written in Python

What are two advantages of applying the MVC design pattern to the development of the solution? (Choose two.)

A. to enable multiple views of the same data to be presented to different groups of users

B. to provide separation between the view and the model by ensuring that all logic is separated out into the controller

C. to ensure data consistency, which requires that changes to the view are also made to the model

D. to ensure that only one instance of the data model can be created

E. to provide only a single view of the data to ensure consistency

ANSWER: B D

QUESTION NO: 10

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

ANSWER: B

QUESTION NO: 11

What are two characteristics of Bare Metal environments that are related to application deployment? (Choose two.)

A. specifically designed for container-based workloads

B. suitable for legacy applications that do not support virtualization

C. provides workloads with access to hardware features

D. not compatible with other cloud services such as PaaS or SaaS offerings

E. provides the hypervisor to host virtual servers

ANSWER: C E

QUESTION NO: 12

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

A. multi-platform vendor abstraction

B. compiles to executables that run on network devices

C. designed to reflect networking concepts

D. directly maps to JavaScript

E. command line driven interface

ANSWER: A C

QUESTION NO: 13

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.

ANSWER: B D

QUESTION NO: 14

Which HTTP response code should be returned when the request is completed, but there is no content to send for the request?

A. 100

B. 204

C. 302

D. 402

ANSWER: B

Explanation:

Reference: https://developer.mozilla.org/en-US/docs/Web/HTTP/Status#successful_responses

QUESTION NO: 15

Why is refactoring done during test-driven development?

A. to enable larger objects and longer methods

B. to improve maintainability and readability

C. to ensure that the previous uses of the objects are explained

D. to ensure the duplication of essential code

ANSWER: B

QUESTION NO: 16

```
import os
import requests

# username and password

API_USER_NAME = "devnetuser"
API_PASSWORD = os.environ['API_PASSWORD']

requests.get('https://api.cisco.com/end-service', auth=(API_USER_NAME, API_PASSWORD))
```

Refer to the exhibit. An engineer must authorize a REST API call. The API password is "Cisco123!". Which Bash command must be placed in the code to authorize the call?

A. mkdir API_PASSWORD=Cisco123!

B. set API_PASSWORD=Cisco123!

C. cp API_PASSWORD=Cisco123!

D. export API_PASSWORD=Cisco123!

ANSWER: D

QUESTION NO: 17

What are two key capabilities of Cisco Finesse? (Choose two.)

A. Agents access Finesse from a browser without needing to install or configure anything on the client machine.

B. An OpenDNS utility is preconfigured and ready to use on Finesse.

C. Gadget containers provide a seamless experience in a single user interface.

D. Finesse automatically collects telemetry data.

E. Finesse includes an RPC API that enables the development of custom gadgets.

ANSWER: A C

QUESTION NO: 18

In which two ways is an application characterized when interacting with a webhook? (Choose two.)

A. codec

B. receiver

C. transaction monitor

D. processor

E. listener

ANSWER: B E

QUESTION NO: 19

Which two query types does a client make to a DNS server? (Choose two.)

A. Inverse

B. PTR

C. AAAA

D. ACK

E. DISCOVER

ANSWER: B C

QUESTION NO: 20

What are two functions of a routing table on a network device? (Choose two.)

A. It lists the routes to drop traffic.

B. It lists the routes to a particular destination.

C. It lists the static and dynamic entries.

D. It lists hosts that are one hop away.

E. It lists entries more than two hops away.

ANSWER: B C