

Cisco

300-540

Designing and Implementing Cisco Service Provider Cloud Network Infrastructure (SPCNI)

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Question: 1

SNMP traps are utilized for which of the following purposes?

Response:

- A. Encrypting data packets
- B. Monitoring network performance in real-time
- C. Sending unsolicited alerts from network devices to a management station
- D. Virtualizing network functions

Answer: C

Question: 2

When troubleshooting DCI solutions, which of the following tools or concepts are crucial?

(Choose two)

Response:

- A. EVPN VXLAN for extending layer 2 services over a layer 3 network
- B. IPsec VPN for enhancing physical security measures
- C. ACI for centralized application-focused network policies
- D. SNMP for managing network devices

Answer: A,C

Question: 3

Carrier-neutral facilities offer connectivity options to cloud providers through which of the following?

(Choose two)

Response:

- A. Dial-up connections
- B. Direct connect services
- C. Public internet gateways
- D. Dedicated leased lines

Answer: B,D

Question: 4

A virtual private cloud (VPC) is implemented to provide _____ isolation within a public cloud environment.

Response:

- A. network
- B. physical
- C. application
- D. user

Answer: A

Question: 5

Load balancers are recommended in high availability designs to distribute traffic across multiple _____.

Response:

- A. countries
- B. servers
- C. protocols
- D. networks

Answer: B

Question: 6

Which of the following technologies are used for NFV orchestration?
(Choose three)

Response:

- A. NETCONF
- B. RESTCONF
- C. SNMP
- D. REST APIs
- E. Yang models

Answer: A,B,D

Question: 7

Direct Connect offers which of the following advantages over traditional internet connections?

Response:

- A. Higher latency
- B. Reduced bandwidth
- C. More consistent network performance
- D. Increased security

Answer: C,D

Question: 8

RTBH is effective in mitigating what kind of traffic?

Response:

- A. Legitimate traffic
- B. Malicious traffic
- C. Outgoing traffic
- D. Incoming legitimate requests

Answer: B

Question: 9

EVPN over SR/MPLS can solve which of the following issues?

Response:

- A. Lack of multicast support in traditional networks
- B. The need for manual route configuration in large networks
- C. Inability to use public internet for private connectivity
- D. High costs associated with physical cabling

Answer: A,B

Question: 10

Virtual Machines and Containers are both used to virtualize resources. Which statement is true?

Response:

-
- A. VMs are more lightweight than containers.
 - B. Containers virtualize the operating system, whereas VMs virtualize the hardware.
 - C. VMs can be deployed faster than containers.
 - D. Containers are less isolated than VMs.

Answer: B

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