

# 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.

<b>Answer: B</b>
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