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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