



**Vendor:** Cisco

**Exam Code:** 300-540

**Exam Name:** Designing and Implementing Cisco Service  
Provider Cloud Network Infrastructure

**Version:** DEMO

**QUESTION 1**

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

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

**Answer:** BD

**QUESTION 2**

Which of the following techniques is used for DoS mitigation?

- A. Decreasing redundancy
- B. Blackhole routing
- C. Disabling security protocols
- D. Reducing network segmentation

**Answer:** B

**QUESTION 3**

Automation in deploying NFV can reduce:

- A. The need for manual configuration
- B. Network reliability
- C. Software-defined networking capabilities
- D. The speed of service delivery

**Answer:** A

**QUESTION 4**

BGP flowspec is primarily used for:

- A. Authentication
- B. Encrypting data traffic
- C. Distributing traffic flow specifications
- D. Access control

**Answer:** C

**QUESTION 5**

To secure API communication, it is essential to implement:

- A. Unrestricted access policies
- B. Rate limiting and authentication
- C. Public API keys only
- D. Unencrypted data exchange

**Answer: B**

**QUESTION 6**

Software-accelerated virtual switches like DPDK and VPP enhance VNF performance by:

- A. Reducing the need for high availability
- B. Lowering network throughput
- C. Improving packet processing speed
- D. Increasing network latency

**Answer: C**

**QUESTION 7**

When troubleshooting DCI solutions, which of the following tools or concepts are crucial?  
(Choose two)

- 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: AC**

**QUESTION 8**

Virus detectors are used to:

- A. Monitor network bandwidth
- B. Encrypt traffic
- C. Identify and eliminate malware
- D. Manage user access

**Answer: C**

**QUESTION 9**

SR-IOV is used in VNF optimization to:

- A. Reduce network virtualization benefits
- B. Provide direct virtual function access to improve performance
- C. Encrypt data traffic
- D. Monitor physical network connections

**Answer: B**

**QUESTION 10**

The primary goal of implementing a virtual private cloud (VPC) is to:

- A. Reduce overall cloud costs
- B. Provide isolated network environments within a public cloud

- C. Decrease network security
- D. Simplify network management

**Answer:** B

**QUESTION 11**

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

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

**Answer:** B

**QUESTION 12**

VNF workloads are critical for:

- A. Decreasing network reliability
- B. Implementing physical network functions
- C. Virtualizing network functions to enhance flexibility
- D. Reducing the need for monitoring

**Answer:** C

**QUESTION 13**

Router hardening involves:

- A. Disabling unnecessary services and interfaces
- B. Using default passwords
- C. Allowing all inbound traffic
- D. Decreasing logging level

**Answer:** A

**QUESTION 14**

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

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

**Answer:** ABD

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