# Valid 200-310 Dumps with VCE and PDF for Free (Question 141 - Question 160)

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#### **QUESTION 141**

What are the three modes of unicast reverse path forwarding? (Choose three.)

- A strict
- B. loose
- C. VRF
- D. global
- E. PIM
- F. local

Answer: ABC OUESTION 142

A network engineer has been asked to follow a top down design approach. What layer of the OSI model is used to start the design?

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

Answer: D

#### **QUESTION 143**

Where in the network hierarchy should network access control be performed?

- A. backbone
- B. core
- C. access
- D. distribution

Answer: C

#### **QUESTION 144**

What are two advantages of employing scalability when designing a campus network? (Choose two.)

- A. reduces operational cost
- B. higher port density
- C. investment protection
- D. consistent operation
- E. improved fault tolerance

Answer: DE

#### **QUESTION 145**

A network engineer is using the traditional switched hierarchical design. The client has asked to increase uplink utilization from the access layer to the distribution. How can the engineer attain this new requirement without adding new physical connections?

- A. enable spanning-tree portfast
- B. enable VSS at the distribution layer
- C. increase the MTU size on the uplink interfaces
- D. ensure the root bridge priority is equal on both distribution switches

Answer: B

#### OUESTION 146

Multicast has been enabled and configured in the Enterprise, and PIM Sparse- mode has been enabled on all VLANs. What feature is required to stop multicast traffic from being broadcasted on the access layer switches?

A. IGMP snooping

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- B. Multicast boundary filter
- C. PIM dense-mode
- D. Dynamic ARP inspection

Answer: A

#### **QUESTION 147**

What two SAN protocols will allow a customer to utilize 10GbE for SAN access? (Choose two.)

- A. ISCSI
- B. FCoE
- C. SATA
- D. Fiber Channel
- E. AoE

Answer: AB

# **QUESTION 148**

A routing protocol neighbor relationship has been established between two routers across the public Internet using GRE. What technology can be used to encrypt this communication channel?

- A. access lists
- B. IP security
- C. context based access
- D. intrusion prevention system

Answer: B

#### **QUESTION 149**

Which two statements about designing the Data Center Access layer are correct? (Choose two.)

- A. Multiport NIC servers should each have their own IP address.
- B. Layer 3 connectivity should never be used in the access layer.
- C. Layer 2 connectivity is primarily implemented in the access layer.
- D. Multiport NIC servers should never be used in the access layer.
- E. Layer 2 clustering implementation requires servers to be Layer 2 adjacent.

Answer: CE

#### **QUESTION 150**

An organization needs a WAN Transport technology that meets these criteria:

- has a low initial cost
- provides low-to-medium BW
- has medium-to-high latency and jitter

Which technology should the organization use?

- A. DSL
- B. X.25
- C. ISDN
- D. wireless
- E. analog modem

Answer: A

#### **QUESTION 151**

Which statement correctly describes queuing in environments supporting teleworkers?

- A. CQ is for time-sensitive protocols.
- B. Queuing occurs on the outbound interface.
- C. Priority queuing guarantees some level of service to all traffic.
- D. Hardware queues are configured for appropriate PQ, CQ, or WFQ.
- E. WFQ is the Cisco IOS default on all WAN links regardless of speed.

Answer: B

#### **QUESTION 152**

Which first-hop redundancy protocol dynamically distributes traffic across multiple gateways?

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- A. HSRP
- B. GLBP
- C. VRRP
- D. IBGP

Answer: B

#### **OUESTION 153**

A network engineer must collect application-level information passing through a router. What two tools can provide this information? (Choose two.)

- A. NBAR
- B. CiscoWorks
- C. SNMP collector
- D. NetFlow collector
- E. Syslog

Answer: AD

## **QUESTION 154**

What information should be utilized to identify network applications that are running on an existing network infrastructure?

- A. customer information
- B. existing documentation
- C. traffic analysis
- D. external feedback
- E. user feedback

Answer: C

# **QUESTION 155**

A design engineer must send management information messages across the public internet. What solution provides a secure and encrypted method for passing these messages?

- A. SNMP v3
- B. NetFlow v9
- C. Syslog Traps
- D. Secure Shell v2
- E. SNMP v2

Answer: A

## **QUESTION 156**

A network engineer is designing a solution that will monitor IP traffic through corporate routers with the ability to export the flows to a collection engine without using network probes. What technology meets this requirement?

- A. RMON
- B. NetFlow
- C. SNMP
- D. Syslog
- E. IP SLA

Answer: B

# **QUESTION 157**

A network engineer is following the Cisco enterprise architecture model. Where are aggregation switches found?

- A. Enterprise Campus
- B. Enterprise Edge
- C. SP Edge WAN
- D. Remote Module

Answer: A

#### **QUESTION 158**

What two configurations are Cisco recommended best practices for user access interfaces? (Choose two.)

A. VTP transparent mode

- B. BPDUguard
- C. Root Guard
- D. Portfast
- E. Trunk mode

Answer: BD

**OUESTION 159** 

What Cisco product is designed to improve the performance of Windows file and exchange services in remote data centers?

- A. Application Control Engine
- B. Wide Area Application Services
- C. Cisco Application Policy Infrastructure Controller
- D. Cisco Prime Network Services Controller

Answer: B

**QUESTION 160** 

What design feature should be considered when accessing resources from a remote data center over a WAN connection?

- A. security
- B. bandwidth
- C. reliability
- D. management

Answer: B

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