

Exam Number/Code:200-101

Exam Name:Interconnecting Cisco
Networking Devices Part 2

Version: Demo

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QUESTION NO: 1

Which two states are the port states when RSTP has converged? (Choose two.)

- A. discarding
- B. listening
- C. learning
- D. forwarding
- E. disabled

Answer: A,D

QUESTION NO: 2

Which three statements about RSTP are true? (Choose three.)

- A. RSTP significantly reduces topology reconverging time after a link failure.
- B. RSTP expands the STP port roles by adding the alternate and backup roles.
- C. RSTP port states are blocking, discarding, learning, or forwarding.
- D. RSTP provides a faster transition to the forwarding state on point-to-point links than STP does.
- E. RSTP also uses the STP proposal-agreement sequence.
- F. RSTP uses the same timer-based process as STP on point-to-point links.

Answer: A,B,D

QUESTION NO: 3

At which layer of the OSI model is RSTP used to prevent loops?

- A. physical
- B. data link
- C. network
- D. transport

Answer: B

QUESTION NO: 4

What is one benefit of PVST+?

- A. PVST+ supports Layer 3 load balancing without loops.
- B. PVST+ reduces the CPU cycles for all the switches in the network.
- C. PVST+ allows the root switch location to be optimized per VLAN.

D. PVST+ automatically selects the root bridge location, to provide optimized bandwidth usage.

Answer: C

QUESTION NO: 5

What are three characteristics of the OSPF routing protocol? (Choose three.)

- A. It converges quickly.
- B. OSPF is a classful routing protocol.
- C. It uses cost to determine the best route.
- D. It uses the DUAL algorithm to determine the best route.
- E. OSPF routers send the complete routing table to all directly attached routers.
- F. OSPF routers discover neighbors before exchanging routing information.

Answer: A,C,F

QUESTION NO: 6

Which statement is true, as relates to classful or classless routing?

- A. Classful routing protocols send the subnet mask in routing updates.
- B. RIPv1 and OSPF are classless routing protocols.
- C. Automatic summarization at classful boundaries can cause problems on discontinuous subnets.
- D. EIGRP and OSPF are classful routing protocols and summarize routes by default.

Answer: C

QUESTION NO: 7

Which parameter or parameters are used to calculate OSPF cost in Cisco routers?

- A. Bandwidth
- B. Bandwidth and Delay
- C. Bandwidth, Delay, and MTU
- D. Bandwidth, MTU, Reliability, Delay, and Load

Answer: A

QUESTION NO: 8

Which statements are true about EIGRP successor routes? (Choose two.)

- A. A successor route is used by EIGRP to forward traffic to a destination.
- B. Successor routes are saved in the topology table to be used if the primary route fails.
- C. Successor routes are flagged as 'active' in the routing table.
- D. A successor route may be backed up by a feasible successor route.
- E. Successor routes are stored in the neighbor table following the discovery process.

Answer: A,D

QUESTION NO: 9

Which parameter would you tune to affect the selection of a static route as a backup, when a dynamic protocol is also being used?

- A. hop count
- B. administrative distance
- C. link bandwidth
- D. link delay
- E. link cost

Answer: B

QUESTION NO: 10

What are two drawbacks of implementing a link-state routing protocol? (Choose two.)

- A. the sequencing and acknowledgment of link-state packets
- B. the requirement for a hierarchical IP addressing scheme for optimal functionality
- C. the high volume of link-state advertisements in a converged network
- D. the high demand on router resources to run the link-state routing algorithm
- E. the large size of the topology table listing all advertised routes in the converged network

Answer: B,D