

Exam Code: 642-061

Exam Name: Routing and Switching Solutions for System
Engineers

Vendor: CISCO

Version: DEMO

Part: A

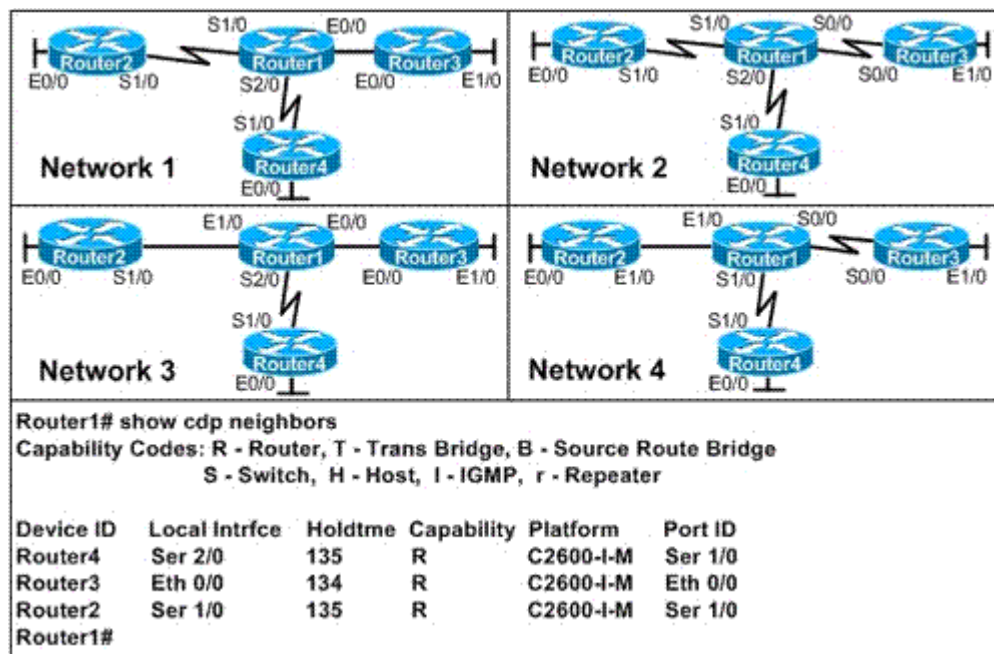
1: Which two types of mechanisms can be used to provide load balancing across parallel links in a redundant campus network? (Choose two.)

- A.QoS
- B.HSRP
- C.VRRP
- D.802.1Q
- E.EtherChannel link aggregation
- F.Cisco Express Forwarding load balancing

Correct Answers: E F

2: Refer to the exhibit.

Which network is characterized by the output from the show cdp neighbors command?



- A.Network 1
- B.Network 2
- C.Network 3
- D.Network 4

Correct Answers: A

3: You have been given a contract to redesign a customer's network in order to provide support for emerging technologies like VoIP and video services. In order to more effectively identify this customer's needs, you would like to analyze the traffic in its existing network. Which two tools in Cisco IOS can you use to perform this analysis? (Choose two.)

- A.RMON probes
- B.NBAR
- C.access control lists
- D.NetFlow

E.embedded device manager

Correct Answers: B D

4: You have been given a contract to consolidate the Cisco Catalysts 6500 services available at the headquarters office of Acme Enterprises. The Acme Enterprises management team wants to deploy application infrastructure control, security, and simplicity in design. Which Cisco Catalyst service module should you recommend?

A.IDS module

B.Content Services Module with SSL

C.Network Analysis Module

D.Anomaly Guard Module

E.ACE module

Correct Answers: E

5: Which supervisor module can be used in the Cisco Catalyst 4510R chassis?

A.Supervisor II-Plus

B.Supervisor IV

C.Supervisor V-10GE

D.Supervisor II-TS

Correct Answers: C

6: The servers belonging to your customer were recently infected with the Blaster virus. Which Cisco product will help prevent this kind of virus propagation?

A.CSA

B.PIX

C.CUE

D.CME

Correct Answers: A

7: What are the two main benefits of using VSANs as opposed to zoning? (Choose two.)

A.increased capacity

B.increased availability

C.increased performance

D.increased geographical reach

E.increased manageability and scalability

Correct Answers: B E

8: What queue-scheduling algorithm does the Optical Services Module PXF use to provide QoS features?

A.FIFO

B.Modified Deficit

C.Weighted Round Robin

D.Versatile Traffic Management Services

Correct Answers: D

9: Which three of these are features of the Cisco Catalyst 4900 Series Switches? (Choose three.)

- A.one RU
- B.stackable
- C.fixed configuration
- D.Power over Ethernet
- E.redundant power supplies
- F.Layer 2 through Layer 7 switching capabilities

Correct Answers: A C E

10: Which Cisco Catalyst 6500 Series Switch supervisor module should you select in order to allow service providers to deploy MPLS and achieve high throughput?

- A.Supervisor 32
- B.Supervisor 720
- C.Supervisor 1A
- D.Supervisor 2

Correct Answers: B

11: Your client is adding a new R&D facility to its existing, three-building corporate campus. The new building will be four stories high and house from 150 to 400 employees. The client would like to deploy IP communications to this building and connect it to the existing campus TDM phone system. The new building will use collaborative workspaces for each team, and it will require that each team member have the flexibility to move among work areas yet remain connected to the network and receive phone calls. Which four technologies will be applicable here? (Choose four.)

- A.wireless
- B.switching
- C.security
- D.storage
- E.PoE
- F.AONS

Correct Answers: A B C E

12: In the Cisco Catalyst 6500-E Series chassis, what are three key chassis specifications? (Choose three.)

- A.requires Cisco IOS 12.2(1)SXD and beyond
- B.three-slot chassis supports CEF720 line cards
- C.is backward-compatible with all existing software versions
- D.six- and nine-slot chassis support only 6000-W power supplies
- E.supports all existing supervisors, line cards, switch fabrics, and software releases

Correct Answers: B C E

13: Your network includes a Cisco Catalyst 6500 Switch with an FWSM module. You need Layer 2 connectivity between two routers located on different firewall interfaces. Which feature will you

need in order to provide this connectivity?

- A.router mode
- B.virtual firewall
- C.stateful firewall
- D.transparent mode
- E.two FWSM modules in failover mode

Correct Answers: D

14: Which layer in a hierarchical network is considered optional in smaller campus networks?

- A.access
- B.distribution
- C.core
- D.remote
- E.DMZ
- F.aggregation

Correct Answers: C

15: Refer to the exhibit. The network is running the EIGRP routing protocol. Distribution router 1 loses the link to the corporate network. How should the remote spoke router be configured to prevent it from being the next-lowest-cost path to network 10.3.1.0?

- A.Disable split horizon.
- B.Configure it as an EIGRP stub router.
- C.Enable route filtering.
- D.Configure a floating static route to network 10.3.1.0.

Correct Answers: B