



Exam Code: 642-062

Exam Name: Routing and Switching Solutions for System
Engineers

Vendor: CISCO

Version: DEMO

Part: A

1: Which two of these are features of the Cisco 2851 Integrated Services Router, but not features of Cisco 1800 Series Integrated Services Routers? (Choose two.)

- A.32-Gbps switching bus
- B.built-in wireless module
- C.Cisco SDM for simplified management
- D.two integrated 10/100/1000 Ethernet ports
- E.Power over Ethernet support for 10/100 Ethernet ports
- F.slots dedicated to Cisco High-Density Analog and Digital Extension Module for Voice and Fax

Correct Answers: D F

2: Which two of these features can be managed by the Cisco SDM application? (Choose two.)

- A.VoIP
- B.HSRP
- C.IPsec VPN
- D.QoS policy
- E.PoE power consumption

Correct Answers: C D

3: 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

4: Which supervisor module can be used in the Cisco Catalyst 4510R chassis? Select the best response.

- A.Supervisor II-Plus
- B.Supervisor IV
- C.Supervisor V-10GE
- D.Supervisor II-TS

Correct Answers: C

5: Which two tools can you use to manage and configure a Cisco Catalyst Express 500 Series Switch? (Choose two.)

- A.CLI
- B.Cisco Network Assistant
- C.Cisco Smartports Advisor
- D.Device Manager with embedded GUI

Correct Answers: B D

6: Which security feature of a Cisco Catalyst 2960 Series Switch can be used to prevent clients from acquiring an IP address from unauthorized servers?

- A.port security
- B.802.1X in conjunction with Cisco Secure ACS
- C.DHCP snooping
- D.MAC address notification

Correct Answers: C

7: Which two of these tasks are important when designing for high availability? (Choose two.)

- A.selecting high-end devices
- B.identifying single points of failures
- C.improving performance to consequently increase availability
- D.introducing redundancy to mitigate potential single points of failure
- E.removing devices and features that introduce single points of failures

Correct Answers: B D

8: Which two of these protocols can be used to provide secure connectivity when connecting a branch office to the campus core? (Choose two.)

- A.GRE
- B.L2TP
- C.IPsec
- D.IP in IP
- E.L2TP over IPsec

Correct Answers: C E

9: 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

10: Which of these spanning tree mechanisms can be used to ensure that access switches cannot become transit nodes in a spanning tree?

- A.PortFast
- B.UplinkFast
- C.loop guard
- D.root guard
- E.BPDU guard
- F.BPDU filter

Correct Answers: D

11: Which WAN type provides the most secure transport?

- A.Frame Relay
- B.Private WAN
- C.Internet with SLA
- D.IPsec over MPLS VPN
- E.dial-up connection over a circuit-switched network

Correct Answers: D

12: During which phase is a proposal developed and delivered?

- A.Prepare
- B.Plan
- C.Design
- D.Operate

Correct Answers: A

13: Which of these correctly identifies the six phases of the Cisco Lifecycle Services framework?

- A.Prepare, Plan, Create, Implement, Operate, and Improve
- B.Prepare, Plan, Design, Implement, Operate, and Optimize
- C.Prepare, Plan, Design, Apply, Operate, and Manage
- D.Prepare, Plan, Design, Implement, Operate and Manage

Correct Answers: B

14: In which phase is a systems acceptance test plan developed and documented?

- A.Implement
- B.Design
- C.Prepare
- D.Operate

Correct Answers: B

15: In which service component of the optimize phase would you assess the routing and switching system and recommend activities such as optimizing device configurations, capacity planning, or traffic analysis?

- A.Change Management
- B.Security Assessment
- C.Operations Assessment
- D.Security Administration
- E.Operations Readiness Assessment
- F.Technology Assessment

Correct Answers: F