

**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**