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642-062

Routing and Switching Solutions for System
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QUESTION NO: 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.) Select 2 response(s).

- 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

Answer: D,F

QUESTION NO: 2

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

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

Answer: C,D

QUESTION NO: 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? Select the best response.

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

Answer: D

QUESTION NO: 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

Answer: C

QUESTION NO: 5

Which two tools can you use to manage and configure a Cisco Catalyst Express 500 Series Switch? (Choose two.)
Select 2 response(s).

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

Answer: B,D

QUESTION NO: 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? Select the best response.

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

Answer: C

QUESTION NO: 7

Which two of these tasks are important when designing for high availability? (Choose two.) Select 2 response (s).

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- 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

Answer: B,D

QUESTION NO: 8

Which two of these protocols can be used to provide secure connectivity when connecting a branch office to the campus core? (Choose two.) Select 2 response(s).

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

Answer: C,E

QUESTION NO: 9

Which layer in a hierarchical network is considered optional in smaller campus networks? Select the best response.

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

Answer: C

QUESTION NO: 10

Which of these spanning tree mechanisms can be used to ensure that access switches cannot become transit nodes in a spanning tree?
Select the best response.