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# 642-061

Routing and Switching Solutions for System  
Engineers

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**QUESTION NO: 1**

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

**Answer: C,E**

**QUESTION NO: 2**

In the Cisco Catalyst 6513 Switch, which slots support the Supervisor Engine 720 and Supervisor Engine 32?

- A. any slot
- B. slots 1 and 2
- C. slots 5 and 6
- D. slots 7 and 8
- E. slots 12 and 13

**Answer: D**

**QUESTION NO: 3**

When determining a customer's current WAN properties and requirements, what are four primary types of information that are required to characterize the networked applications? (Choose four.)

- A. age of the applications
- B. overall bandwidth requirements
- C. platforms that the applications run on
- D. delay tolerance and loss characteristics
- E. types of applications that will be used
- F. number and location of users and servers

**Answer: B,D,E,F**

**QUESTION NO: 4**

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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

**Answer: E**

#### **QUESTION NO: 5**

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

**Answer: B,D**

#### **QUESTION NO: 6**

Your client is adding a new R&D facility to its existing, threeE. 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

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**Answer: A,B,C,E**

**QUESTION NO: 7**

Which supervisor module can be used in the Cisco Catalyst 451 OR chassis?

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

**Answer: C**

**QUESTION NO: 8**

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

**Answer: D**

**QUESTION NO: 9**

Which two standards enable the PVDM module on the ISR to provide secure communications with IP Phones? (Choose two.)

- A. SRTP
- B. AES encryption
- C. RUDP
- D. RSA signature
- E. MD5 hash
- F. IPSec

**Answer: A,B**

**QUESTION NO: 10**