

1. What are the characteristics of IPSec?

- ☐ A Native authentication protection, native data encryption, multiple simultaneous connections
- ☐ B Native authentication protection, multiple simultaneous connections, protocol header protection
- ☐ C Native authentication protection, single point-to-point connection, native data encryption
- ☐ D Native data encryption, single point-to-point connection, protocol header protection

2. NAT is used to map several external (public) addresses to a single internal (private) address. True or False?

- ☐ A True
- ☐ B False

3. What is a VPN?

4. What are the security objectives of IPSec? Briefly describe at least two objectives.

5. In IPSec, _____ is used when the “cryptographic endpoints” are also the “communication endpoints” of the secured IP packets. Fill in the blank.

- ☐ A Tunnel mode
- ☐ B Transport mode