

CYBERPATRIOT VII MODULE THREE QUIZ

- 1) Which of the following are true about hub based networks ?
 - a. Hubs operate at the Transport Layer
 - b. Devices operate in the same broadcast domain
 - c. Devices operate in different collision domains
 - d. Devices operate in the same collision domain
- 2) Switches operate at the Network and Physical Layer
 - a. True
 - b. False
- 3) Firewalls and IPS's are generally associated with which layers of the OSI model ? (choose all that apply)
 - a. Transport
 - b. Physical
 - c. Application
 - d. Presentation
 - e. Session
- 4) Which statements are true about switches and bridges ? (choose two)
 - a. They use ACL's to filter traffic segments
 - b. They prevent segmented traffic from leaving network interfaces
 - c. They operate at the Data Link Layer
 - d. They are known as 'layer 2' devices
- 5) Which of the following are true about routers ? (choose the best answer)
 - a. They limit broadcast domains
 - b. They connect two or more networks
 - c. It is where you will find a routing table
 - d. A router handles logical addressing in the network and chooses the best path for traffic
 - e. All of the above
- 6) Which device is associated with creating network boundaries ?
 - a. Router
 - b. Firewall
 - c. Switch
 - d. Hub

- 7) What is the main difference between a firewall and an IPS ? (choose the best answer)
- a. A firewall inspects traffic while an IPS only blocks unwanted network traffic
 - b. An IPS inspects allowed traffic from layers 2-6 of the OSI model to look for suspicious traffic behavior while a firewall operates at layers 3-6 of the OSI model and generally blocks all network traffic
 - c. An IPS inspects blocked traffic to look at traffic that has passed the firewall
 - d. An IPS operates at layers 3-7 of the OSI model and inspects allowed network traffic while a firewall blocks unwanted network traffic and operates at layers 2-7 of the OSI model
- 8) Which devices is best known for keeping a MAC table on the LAN ?
- a. Switch
 - b. Hub
 - c. Router
 - d. Firewall
- 9) What of the following are true about routers ?
- a. Routers block all unwanted traffic to reduce the work of a firewall
 - b. Routers have network reachability information tables
 - c. Routers do not forward broadcast frames
 - d. Routers are only used to connect to the Internet
- 10) Which of the following are associated with extended ACL's ? (choose all that apply)
- a. They contain source and destination address information in their configuration
 - b. It is possible to check for protocol information and port numbers when using extended ACL's
 - c. Extended ACL's should be configured as close to the source as possible
 - d. They are configured with ranges of 100-199 and 2000-2699
 - e. All of the Above