

IR.1101- Networks

Quizz on Chapters 1, 2 and 3

1. Fill in the blank with only one word: To test end-to-end connectivity, we use the.... command.
2. Which device serves as a gateway to allow hosts to send traffic to remote IP networks?
 - a) DNS Server
 - b) DHCP Server
 - c) Local Router
 - d) Local Switch
3. What command stores an encrypted password in the running-configuration file for the privileged mode access?
 - a) config)# enable password secret
 - b) (config)# enable secret Secret_Password
 - c) (config-line)# password secret
4. What are the two correct statements about the user execution mode? (Choose two answers)
 - a) All router commands are available.
 - b) The global configuration mode is accessible via the enable command
 - c) The prompt of that mode ends with the > sign
 - d) The interfaces and the routing protocols can be configured.
 - e) Only certain aspects of the router configuration can be displayed.
5. What is the logical address that is used for data transmission to a remote network?
 - a) Destination MAC address
 - b) Destination IP address
 - c) Destination port number
 - d) Source MAC address
 - e) Source IP address
6. If the default gateway is incorrectly configured on the host, what is the impact on the communications ?
 - a) The host is unable to communicate on the local network.
 - b) The host can communicate with other hosts on the local network, but is not able to communicate with those on remote networks.
 - c) The host can communicate with hosts on remote networks, but is not able to communicate with

those on local network.

- d) This has no impact on communications.
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- 7. The protocols used in communication network to transmit messages over a network require three precise transmission conditions. What are these conditions? (choose three proposals.)
 - a) Connectors' characteristics
 - b) Message encoding
 - c) Message size
 - d) Message delivery options
 - e) Installation of the terminal device

 - 8. In which layer of the OSI model, a physical address is encapsulated? Physical layer
 - a) Data Link layer
 - b) Network layer
 - c) Transport layer

 - 9. What is the layer of the OSI model that defines the services of the segmentation, the transfer and the storage of the communications data between end devices?
 - a) Application
 - b) Presentation
 - c) Session
 - d) Transport
 - e) Network

 - 10. What is the role of the physical layer of the OSI model?
 - a) Media access control
 - b) Transmission of bits on the local media
 - c) Detection of errors in the received frames
 - d) Exchange of frames between nodes on the physical network media

 - 11. What is the equivalent decimal of the hexadecimal value 3F?
 - a) 18
 - b) 34
 - c) 45
 - d) 46
 - e) 63