

1. In a client-server architecture, the server
  - A. is always on
  - B. has a fixed, well-known IP address
  - C. can be implemented by a cluster in a datacenter
  - D. all of the above
  
2. In comparison with client-server architectures, P2P architectures are
  - A. self-scalable and cost effective
  - B. simple to manage
  - C. securer and more reliable due to their highly decentralized structure
  - D. all of the above
  
3. What services are provided by TCP/UDP?
  - A. reliable data transfer
  - B. throughput
  - C. timing
  - D. all of the above
  
4. What information is used by a browser process running on one host (IP address 1.2.3.4) to send a HTTP message to a web server process running on another host 1.2.3.5? The port number associated with HTTP and mail server are 80 and 25 respectively. Suppose the host 1.2.3.5 also runs a mail server.
  - A. (1.2.3.5, 80)
  - B. (1.2.3.4, 80)
  - C. (1.2.3.5, 25)
  - D. (1.2.3.4, 25)
  
5. In a host, network socket
  - A. is the interface between the application layer and the transport layer
  - B. receives / delivers message from / to the application process
  - C. is controlled and implemented by the host operating system
  - D. all of the above