Quiz

DNS, Mail and Web

1. The **.edu** domain is considered which domain type? (Choose the best answer.)
   A. Root domain
   B. TLD
   C. First-level domain
   D. ICANN
   E. Second-level domain

2. Domain Name Space is broken into different zones. Which of the following could be one of those zones? (Choose all that apply.)

   A. The hint zone
   B. A first-level domain and all of its subdomains
   C. A first-level domain and a portion of its subdomains
   D. A root server
   E. The root zone

3. Which of the following server combinations could be the minimum two name servers required for a zone? (Choose all that apply.)

   A. Primary server and secondary server
   B. Secondary server and forwarding server
   C. Primary server and forwarding server
   D. Secondary server and caching server
   E. Primary server and caching server

4. A program or library routine that creates a DNS query, checks its own cache for the answer, and if it doesn't find it there, sends the query to another name server, is called what? (Choose the best answer.)

   A. Name server
   B. Cache
   C. Name resolution
   D. Resolver
   E. Zone

5. The BIND daemon is which program in the **/usr/sbin/** directory? (Choose the best answer.)

   A. bind9
   B. bind
   C. named
   D. named.conf
   E. bindutils

6. When setting up a local DNS caching-only server, which directives should be set and or modified in the **named.conf** file? (Choose all that apply.)

   A. acl
   B. allow-query
   C. logging
   D. listen-on
   E. recursion yes

7. Ignoring distribution differences and assuming you have the appropriate privileges, which of the following commands will stop the BIND service? (Choose all that apply.)

    A. rndc flush
    B. service bind9 stop
    C. kill -s SIGTERM BIND_PID
    D. rndc stop
    E. systemctl stop named

8. A logging category directive determines what? (Choose the best answer.)

    A. Where DNS messages are to be logged
    B. The DNS message types to be logged
    C. How to restart BIND to load logging
    D. How DNS messages are filtered
    E. The DNS channel log sizes

9. The default zone databases are typically stored in which directories? (Choose the two best answers.)

    A. /etc/named/ directory
    B. /var/bind/ directory
    C. /var/named/ directory
    D. /etc/bind9/ directory
    E. /etc/bind/ directory

10. A zone database has resource records of various types. One such record identifies the authority zone's start and includes the zone's authoritative data. Which one of the following is this resource record type? (Choose the best answer.)

    A. CNAME
    B. A
    C. PTR
    D. NS
    E. SOA

11. Which of the following best describes a Reverse Zone? (Choose the best answer.)

    A. A record used in zone delegation, which provides a child zone's master name server's IP address
    B. The process of copying over authoritative zone information to a name server
    C. A special zone that provides a mapping from an IP address to an FQDN
    D. A zone directive typically located in the named.conf file, which has a type hint setting
    E. A Domain Name Space portion, which delineates what a name server has authority over

12. Which of the following are methods for securing your DNS services? (Choose all that apply.)

    A. Run only BIND services on the server.
    B. Run the BIND daemon as a non-root user.
    C. Implement a Dual Horizon server.
    D. Update your BIND software yearly.
    E. Hide BIND version information.

13. When setting up a chroot jail, the new root directory is typically which directory? (Choose two answers.)

    A. /etc/bind/
    B. /etc/named/
    C. /var/bind/
    D. /chroot/named/
    E. /chroot/bind/

14. Where are the Postfix configuration files located?
	A. /var/spool/postfix
	B. /etc/postfix
	C. /var/spool/mail
	D. /var/log
	E. /etc/mail

15. What is the name of the main Postfix process?
	A. qmgr
	B. pickup
	C. master
	D. cleanup
	E. smtp

16. What is the Postfix configuration file that manages when Postfix processes start and stop?
	A. master.cf
	B. main.cf
	C. install.cf
	D. /var/spool/postfix
	E. /var/log/maillog

17. What is the Postfix configuration file that controls mail processing?
	A. master.cf
	B. /etc/sendmail.cf
	C. /etc/aliases
	D. main.cf
	E. /var/log/maillog

18. What directory does Postfix use for storing email messages as it processes them?
	A. /var/spool/mail
	B. /var/spool/postfix
	C. /etc/postfix
	D. /etc/mail

19. What protocol defines how a web server responds to client requests?
	A. HTML
	B. SSL
	C. HTTP
	D. TLS

20. What standard defines how a client formats the content contained in a web page?
	A. HTML
	B. SSL
	C. HTTP
	D. TLS

21. What HTTP server response code indicates that the file requested by the client was not found?
	A. 200
	B. 403
	C. 500
	D. 404