⬜ EASY (Q1–Q10)

Q1. Apache HTTP Server primarily provides:
A. File sharing
B. Web services
C. Database services
D. Mail services

Q2. Which package installs Apache on RHEL-based systems?
A. apache
B. httpd
C. webd
D. http

Q3. Which command starts the Apache service?
A. apachectl run
B. systemctl start httpd
C. httpd start
D. service apache start

Q4. Which default port does Apache listen on?
A. 21
B. 25
C. 80
D. 443

Q5. Which directory stores Apache configuration files in RHEL?
A. /etc/httpd
B. /var/www
C. /usr/apache
D. /etc/apache

Q6. Which file defines Apache's main configuration?
A. httpd.conf
B. apache.conf
C. web.conf
D. site.conf

Q7. Which directory stores default web content?
A. /etc/httpd
B. /var/log/httpd
C. /var/www/html
D. /usr/share/httpd

Q8. Which Apache directive defines document root?
A. ServerRoot

B. Directory
C. DocumentRoot
D. Location

Q9. Squid is primarily used as:
A. Web server
B. Proxy server
C. Mail server
D. FTP server

Q10. Which port does Squid use by default?
A. 80
B. 3128
C. 8080
D. 443

☐ **MEDIUM (Q11–Q25)**

Q11. Which command checks Apache configuration syntax?
A. apachectl start
B. httpd -t
C. systemctl status httpd
D. apachectl reload

Q12. Which Apache module enables SSL/TLS?
A. mod_rewrite
B. mod_security
C. mod_ssl
D. mod_proxy

Q13. Which file stores Apache access logs?
A. error_log
B. access_log
C. httpd.log
D. web.log

Q14. Which Apache directive controls directory access permissions?
A. AllowOverride
B. Require
C. Options
D. All of the above

Q15. Which virtual hosting type uses IP addresses?
A. Name-based

B. Port-based
C. IP-based
D. Path-based

Q16. Which directive enables name-based virtual hosting?
A. ServerName
B. NameVirtualHost
C. VirtualHost
D. Listen

Q17. Which Apache security practice hides version information?
A. ServerSignature On
B. ServerTokens Prod
C. TraceEnable On
D. AllowOverride All

Q18. Which Apache directive prevents directory listing?
A. Options +Indexes
B. Options -Indexes
C. DirectoryIndex
D. IndexOptions

Q19. Which Squid file contains access control rules?
A. squid.acl
B. acl.conf
C. squid.conf
D. proxy.conf

Q20. Which Squid directive defines allowed client networks?
A. http_port
B. cache_dir
C. acl
D. refresh_pattern

Q21. Which Apache module provides reverse proxy functionality?
A. mod_ssl
B. mod_proxy
C. mod_alias
D. mod_auth

Q22. Which directive redirects HTTP to HTTPS?
A. Redirect
B. RewriteRule
C. ProxyPass
D. ServerAlias

Q23. Which Squid feature improves performance by storing responses?
A. ACL
B. Logging
C. Caching
D. Filtering

Q24. Which Apache directive maps URL paths to filesystem paths?
A. Alias
B. Directory
C. Location
D. VirtualHost

Q25. Which file contains Squid access logs?
A. cache.log
B. squid.log
C. access.log
D. proxy.log

⬤ HARD (Q26–Q40)

Q26. Why is Apache preferred for enterprise web hosting?
A. Lightweight GUI
B. High stability and modular architecture
C. Built-in database
D. Proprietary features

Q27. Which Apache security module protects against web attacks?
A. mod_ssl
B. mod_proxy
C. mod_security
D. mod_rewrite

Q28. Which virtual host directive allows multiple domains on one IP?
A. IP-based hosting
B. Name-based hosting
C. Port-based hosting
D. Path-based hosting

Q29. Which Squid ACL restricts access by time?
A. src
B. dstdomain
C. time
D. port

Q30. Why should directory browsing be disabled?
A. Improve performance
B. Reduce bandwidth
C. Prevent information disclosure
D. Enable logging

Q31. Which Apache directive limits request body size?
A. Timeout
B. MaxRequestWorkers
C. LimitRequestBody
D. KeepAlive

Q32. Which Squid deployment suits enterprise internet access control?
A. Standalone proxy
B. Transparent proxy
C. Reverse proxy
D. Load balancer

Q33. Which Apache command reloads configuration without downtime?
A. apachectl stop
B. systemctl restart httpd
C. apachectl graceful
D. killall httpd

Q34. Which Squid option blocks specific websites?
A. cache_dir
B. refresh_pattern
C. http_access deny
D. http_port

Q35. Why is SSL/TLS critical for web security?
A. Faster websites
B. Encrypted communication
C. Better caching
D. Smaller pages

Q36. Which Apache directive restricts access by IP?
A. Allow
B. Deny
C. Require ip
D. Order

Q37. Which Squid log helps debug startup issues?
A. access.log
B. cache.log

C. store.log
D. squid.log

Q38. Which Apache configuration supports load balancing?
A. mod_ssl
B. mod_proxy_balancer
C. mod_alias
D. mod_auth

Q39. Which Squid feature reduces external bandwidth usage?
A. ACL
B. Logging
C. Caching
D. Authentication

Q40. Which principle best improves web infrastructure security?
A. Open directories
B. Default configuration
C. Least privilege
D. Anonymous access