

PG-DITISS – Session 15

Apache Web Server, Virtual Hosting & Squid Proxy – 40 MCQs

Q1. Apache is a:

- A. Database server
- B. Web server
- C. File server
- D. Mail server

Q2. Apache is mainly used to:

- A. Manage users
- B. Host websites
- C. Share files
- D. Print documents

Q3. Apache uses which protocol by default?

- A. FTP
- B. SSH
- C. HTTP
- D. SMTP

Q4. Which port does Apache use by default?

- A. 21
- B. 22
- C. 80
- D. 443

Q5. Virtual hosting allows:

- A. One website on one server
- B. Multiple websites on one server
- C. One user per server
- D. Multiple servers for one website

Q6. Apache security is used to:

- A. Increase speed
- B. Protect the web server
- C. Create users
- D. Configure disk

Q7. Squid is a:

- A. Web browser
- B. Web server
- C. Proxy server
- D. Database server

Q8. Squid proxy mainly improves:

- A. Graphics
- B. Storage
- C. Internet speed
- D. Boot time

Q9. Proxy server works as:

- A. Client
- B. Server
- C. Intermediate system
- D. Router

Q10. Squid is mostly used in:

- A. Home PCs
- B. Enterprise networks
- C. Gaming systems
- D. Mobile phones

Q11. Apache configuration files are usually stored in:

- A. /bin
- B. /etc
- C. /boot
- D. /home

Q12. Which file is commonly used to configure Apache on Linux?

- A. httpd.conf
- B. passwd
- C. shadow
- D. fstab

Q13. Virtual hosting helps in:

- A. Saving hardware cost
- B. Increasing disk size
- C. Improving graphics
- D. Speeding boot

Q14. Name-based virtual hosting means:

- A. Different IPs
- B. Same IP different domains
- C. Different servers
- D. One website

Q15. Apache security can be improved using:

- A. File permissions
- B. Authentication
- C. Access control
- D. All of the above

Q16. Which directive is used to define a virtual host?

- A.
- B.
- C.
- D.

Q17. Squid works as which type of proxy?

- A. Reverse proxy
- B. Forward proxy
- C. Transparent only
- D. Browser

Q18. Squid cache is used to:

- A. Store passwords
- B. Store web pages

- C. Store logs
- D. Store IPs

Q19. Proxy cache helps in:

- A. Slowing internet
- B. Saving bandwidth
- C. Errors
- D. Blocking DNS

Q20. Squid listens on which default port?

- A. 21
- B. 22
- C. 3128
- D. 8080

Q21. Apache authentication is used to:

- A. Restrict access
- B. Create users
- C. Start service
- D. Stop service

Q22. Which file controls Squid configuration?

- A. squid.conf
- B. proxy.conf
- C. httpd.conf
- D. network.conf

Q23. Proxy server hides:

- A. Server IP
- B. Client IP
- C. DNS
- D. Gateway

Q24. Which command restarts Apache service?

- A. service apache restart
- B. service httpd restart
- C. restart apache
- D. apache restart

Q25. Squid access control is defined using:

- A. Users
- B. ACL rules
- C. Permissions
- D. Kernel

Q26. Virtual hosting is useful when:

- A. One website
- B. Multiple websites
- C. FTP only
- D. Disk full

Q27. Which Apache feature separates website files?

- A. Port
- B. Directory structure
- C. User

D. Kernel

Q28. Apache supports which security feature?

- A. Authentication
- B. Disk encryption
- C. Firewall
- D. Routing

Q29. Reverse proxy mainly protects:

- A. Clients
- B. Servers
- C. Routers
- D. Switches

Q30. Squid improves performance by:

- A. Blocking users
- B. Caching content
- C. CPU usage
- D. Encryption

Q31. Squid is deployed on:

- A. Client
- B. Proxy server
- C. Database
- D. Printer

Q32. Apache virtual hosts use:

- A. IP only
- B. Port only
- C. Domain names
- D. Kernel

Q33. Which log records Apache access?

- A. error_log
- B. access_log
- C. boot.log
- D. syslog

Q34. Squid logging helps:

- A. Graphics
- B. Monitoring usage
- C. Disk
- D. Users

Q35. Proxy reduces bandwidth by:

- A. Compression
- B. Caching
- C. Blocking
- D. Limiting

Q36. Apache runs as:

- A. Foreground
- B. Background service
- C. Kernel
- D. User

Q37. Squid can be configured to:

- A. Allow all
- B. Block sites
- C. Control users
- D. All of these

Q38. After Squid config change restart:

- A. apache
- B. network
- C. squid
- D. ssh

Q39. Virtual hosting is used by:

- A. Hosting companies
- B. Single user
- C. Offline
- D. Embedded

Q40. Main benefit of Session 15 is:

- A. Gaming
- B. Web hosting & control
- C. Boot speed
- D. Disk

Answer Key

Q1—B, Q2—B, Q3—C, Q4—C, Q5—B, Q6—B, Q7—C, Q8—C, Q9—C, Q10—B, Q11—B, Q12—A, Q13—A, Q14—B, Q15—D, Q16—B, Q17—B, Q18—B, Q19—B, Q20—C, Q21—A, Q22—A, Q23—B, Q24—B, Q25—B, Q26—B, Q27—B, Q28—A, Q29—B, Q30—B, Q31—B, Q32—C, Q33—B, Q34—B, Q35—B, Q36—B, Q37—D, Q38—C, Q39—A, Q40—B