Apache

Assume for this quiz that Indexing is turned on everywhere.

Assume the Apache config has the following lines, each in the right context:

 Userdir pub

 DocumentRoot /var/www

 Alias /analog /var/analog

1) If I make a request for the URL <http://server.com/>index.html what file or directory does it show me.

(Pick ONE.)

 /var/analog/index.html /var/www/analog/index.html

 /var/www/index.html /home/fred/pub/index.html

 /home/server.com/index.html /home/server.com/pub/index.html

 /home/fred/index.html /index.html

2) If I make a request for the URL <http://server.com/>~fred/index.html what file or directory does it show me.

(Pick ONE.)

 /var/analog/index.html /var/www/analog/index.html

 /var/www/index.html /home/fred/pub/index.html

 /home/server.com/index.html /home/server.com/pub/index.html

 /home/fred/index.html /index.html

3) If I make a request for the URL <http://server.com/>analog/index.html what file or directory does it show me.

(Pick ONE.)

 /var/analog/index.html /var/www/analog/index.html

 /var/www/index.html /home/fred/pub/index.html

 /home/server.com/index.html /home/server.com/pub/index.html

 /home/fred/index.html /index.html

4) Given the config above, what URL should I go to to see the file /var/www/puppes.jpg?

5) Given the config above, what URL should I go to see the file /var/analog/icons/bar2.png?

6) Suppose I go to the URL "http://server.com/bambam" and the associated location is a directory not a file. There is no index.html file in that directory. What will I see on the browser?

 An error

 A 404 page

 A directory listing

7) What is a 'hit'?

 A single http request to a server

 A human looking at a web page.

 A human browsing through many pages on a web site.

8) What is a 'page view'?

 A single http request to a server

 A human looking at a web page.

 A human browsing through many pages on a web site.

9) Suppose on my browser I go to http://server.com/index.html. What is the least number of requests my server could see?

 0 1 2 more

10) I create a file /etc/apache2/mods-available/loadbalance.conf. I fill it with the right configuration content. What else must I do to enable the module?

11) What does the Apache directive Options Indexes enable?

 a) It allows the server to follow symbolic links within specified directories.
 b) It enables directory listing for directories that do not contain an index file.
 c) It specifies the maximum size of files that can be served by the server.
 d) It configures the compression options for server responses.

12) In my apache2.conf I have the following lines:

<directory /steve>

 Require All Denied

</directory>

<directory /steve/wilma>

 Require All Granted

</directory>

(Yes/No) Will Apache offer up the file /steve/wilma/bambam/puppies.jpg

13) (Yes/No) Apache wants to serve the file /home/bambam/pub/red.png. The file/directory permissions are as shown. Can Apache do it?

/ has permissions -rwxr--r-x

/home has permissions -rwx--x--x

/home/bambam has permissions -rwx--x--x

/home/bambam/pub has permissions -rwx--x--x

/home/bambam/pub/red.png has permissions -rw--r--r

14) (True/False) When Apache runs and is busy serving web pages, it runs as root.

15) (Yes/No) If someone changes a file that is being published by your webserver, must you restart the web server to see the new file? In other words, if someone changes poems.html, must I restart the server to see the new poems?

16) Your Apache access log is stored in /var/log/apache2/access.log. What command would tell me how many lines are in your apache log file?

17) What was the most confusing question on this quiz?

18) There are 16 real questions on this quiz ... how many does ChatGPT get right?

