

Apache Job Interview Questions And Answers



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Apache Interview Questions And Answers Guide.

Question - 1:

In which folder are Java Applications stored in Apache?

Ans:

Java applications are not stored in Apache, it can be only connected to a other Java webapp hosting webserver using the mod_jk connector

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Question - 2:

What is struts and explain its purpose?

Ans:

A struts is a open source framework for creating a Java web applications

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Question - 3:

Tell me Is running apache as a root is a security risk?

Ans:

No.root process opens port 80, but never listens to it, so no user will actually enter the site with root rights. If you kill the root process, you will see the other kids disappear as well.

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Question - 4:

What is htpasswd?

Ans:

htpasswd is used for allowing user to authenticate for a particular web page. such as you are running 2 or more web pages through virtual hosting or any other method and want to provide access for any user to access a particular page with authentication then you can use the htpasswd for creating user authentication file. when you run the command htpasswd with the option -c and -m for any user it will create a file named htpasswd in which an entry for user name and encrypted passwd will create.

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Question - 5:

What is mod_vhost_alias?

Ans:

This module creates dynamically configured virtual hosts, by allowing the IP address and/or the Host: header of the HTTP request to be used as part of the pathname to determine what files to serve. This allows for easy use of a huge number of virtual hosts with similar configurations.

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Question - 6:

What is ServerType directive in Apache Server?

Ans:

It defines whether Apache should spawn itself as a child process (standalone) or keep everything in a single process (inetd). Keeping it inetd conserves resources. This is deprecated, however.

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Question - 7:

How to set up a virtual host in Apache?

Ans:

apache provide two type of virtual hosting 1- ip based and 2- name based.

to configure name based your dns should work properly. go to the /etc/httpd/conf/httpd.conf file and remove # from the start of of NameVirtualhost *:80

and than at the end of file write the content below

```
<VirtualHost "IP of your apache server":80>
ServerAdmin root@krishna.com
DocumentRoot /var/www/krishna/krishna.html
DirectoryIndex krishna.html
ServerName www.krishna.com
ErrorLog /home/apache/logs/error/hostedsites/error_log
TransferLog /home/apache/logs/access/hostedsites/access_log
</VirtualHost>
```

restart your httpd service by running the command

Service httpd restart or /etc/init.d/httpd restart

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Question - 8:

How to check for the httpd.conf consistency and any errors in it?

Ans:

We can check syntax for httpd configuration file by using following command.

```
httpd -S
```

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Question - 9:

What does apachectl graceful do?

Ans:

Gracefully restarts the Apache httpd daemon. If the daemon is not running, it is started. This differs from a normal restart in that currently open connections are not aborted. A side effect is that old log files will not be closed immediately. This means that if used in a log rotation script, a substantial delay may be necessary to ensure that the old log files are closed before processing them. This command automatically checks the configuration files as in configtest before initiating the restart to make sure Apache doesn't die. This is equivalent to apachectl -k graceful.

(excerpt from manual page of apachectl)

Actually it sends a SIGUSR1 for a restart. The USR1 or graceful signal causes the parent process to advise the children to exit after their current request (or to exit immediately if they're not serving anything). The parent re-reads its configuration files and re-opens its log files. As each child dies off the parent replaces it with a child from the new generation of the configuration, which begins serving new requests immediately.

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Question - 10:

How to stop Apache?

Ans:

To stop apache you can use.

```
/etc/init.d/httpd stop command.
```

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**Question - 11:**

While installing, why does Apache have three config files - srm.conf, access.conf and httpd.conf?

Ans:

The first two are remnants from the NCSA times, and generally you should be ok if you delete the first two, and stick with httpd.conf.

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Question - 12:

Can we use Active Server Pages (ASP) with Apache?

Ans:

Apache Web Server package does not include ASP support. However, a number of projects provide ASP or ASP-like functionality for Apache. Some of these are:

Apache::ASP
mod_mono

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Question - 13:

Does Apache come with Java support?

Ans:

The base Apache Web server package does not include support for Java

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Question - 14:

Does Apache include any sort of database integration?

Ans:

No. Apache is a Web (HTTP) server, not an application server. The base package does not include any such functionality. See the PHP project and the mod_perl project for examples of modules that allow you to work with databases from within the Apache environment.

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Question - 15:

Why does not Apache include SSL?

Ans:

SSL (Secure Socket Layer) data transport requires encryption, and many governments have restrictions upon the import, export, and use of encryption technology.

If Apache included SSL in the base package, its distribution would involve all sorts of legal and bureaucratic issues, and it would no longer be freely available.

Also, some of the technology required to talk to current clients using SSL is patented by RSA Data Security, who restricts its use without a license.

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Question - 16:

Does Apache include a search engine?

Ans:

Yes, Apache contain a Search engine.

You can search a report name in Apache by using the "Search title".

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Question - 17:

What is multiviews?

Ans:

A MultiViews search is enabled by the MultiViews Options.

If the server receives a request for /some/dir/foo and /some/dir/foo does not exist, then the server reads the directory looking for all files named foo.*, and effectively fakes up a type map which names all those files, assigning them the same media types and content-encodings it would



have if the client had asked for one of them by name. It then chooses the best match to the client's requirements, and returns that document.

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Question - 18:

Does Apache act as a Proxy server?

Ans:

Yes, It acts as proxy also by using the mod_proxy module.

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Question - 19:

What is Apache?

Ans:

Apache is a freely available Web server that is distributed under an "open source" license. Version 2.0 runs on most Unix-based operating systems (such as Linux, Solaris, Digital UNIX, and AIX), on other UNIX/POSIX-derived systems (such as Rhapsody, BeOS, and BS2000/OSD), on AmigaOS, and on Windows 2000. According to the Netcraft (www.netcraft.com) Web server survey in February, 2001, 60% of all Web sites on the Internet are using Apache (62% including Apache derivatives), making Apache more widely used than all other Web servers combined.

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