Configuring Apache Server

Agenda

- What is Apache?
- History
- Platform
- Deploying Apache in Linux
- Configuration Settings
- Deploying a simple HTML in Apache
- Apache's Competitors
- What's Next?

What is Apache?

- Web server
  - A server on the Internet that hosts websites.

- Open Source
  - Free

History

- Released in 1995

- Notable for playing a key role in the initial growth of the World Wide Web.

- As of November 2010 Apache served over 59.36% of all websites and over 66.56% of the million busiest.

Platform

- **Now cross platform**

- **Written in C, based upon Unix file system**
  - Relative Paths

- **Apache2Triad**
  - Windows package, with PHP5, MySQL, and more

How it works?

- Runs as an "Apache" user
  - Or any selected user, with respective permissions

- Supports several server side languages
  - Python, Perl, Curl, PHP

- Execute shell commands

DEPLOYING APACHE IN LINUX

LET'S TAKE ON THE HANDS ON LAB TO FIND OUT MORE.

.htaccess

- **Directory Level config file**
  - Apache has a global config file
  - Rewrite rules
  - Authentication
  - SSI (server side includes)
  - Error handling (404s, directory listing, etc)
  - MIME settings
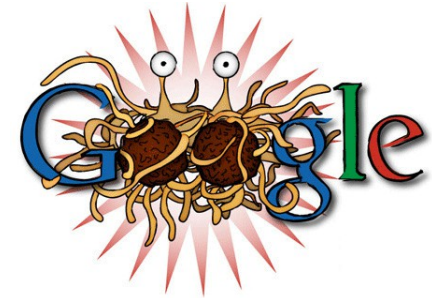
Packages

- Open Source –3rdparty packages include

  - mod_php / libphp5
  - mod_ssl
  - mod_mysql
  - mod_python
  - mod_perl
  - mod_c
  - mod_throttle
  - mod_rewrite

Tomcat

- Apache Tomcat,
  - Open source servlet container

- "Tomcat implements the Java Servlet and the Java Server Pages (JSP) specifications from Sun Microsystems, and provides a "pure Java" HTTP web server environment for Java code to run."1

Competitors

- Google Web server (GWS)

- NGINX

- Microsoft's IIS

So What's Next?

- LAMP
- LEMP
- APACHE TOMCAT
- VIRTUAL HOSTS
- MULTITIER APACHE
- HIGH AVAILABILITY

Thank You

Email us – support@intellipaat.com

Visit us - https://intellipaat.com