



What is a LAMP Stack ?

- Solution stack
 - Complete Set of software that performs a task.
- Web server solution stack
 - Dynamic, database-driven websites.
 - Free, open-source software.
- Popular for web web hosts

The word **LAMP** is an acronym and stands for:

**** Linux Apache MySQL PHP ****

Linux Operating system

- + Distributions are purpose built.
- + Most distributions include package management.
- + Fast software installation.

- + Dependency management.
- + Pre-configured software.

Apache HTTP Server - web server.

- + Handles large amounts of traffic.
- + Flexible in serving content.
- + Most popular web server.
- + Relatively (flexibility) easy to configure.
- + Well-maintain documentation.

MySQL Database management

- + Open source relational DBMS.
- + Second most popular database.
- + Stable, fast, flexible, and scalable.
- + Well supported, both online and offline
- + There's no lack of documentation

PHP scripting language

- + Open source general purpose scripting language for the web.
- + Different from JavaScript.
- + Code is executed on the web server
- + Then Clients receive the results in HTML

Requirements

- + Linux - Ubuntu Server 21.10
- + Apache- Server
- + MySQL -version
- + PHP - Version 7.4