

PHPID ONLINE LEARNING #21

Linux Server untuk PHP Developer

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Kontak



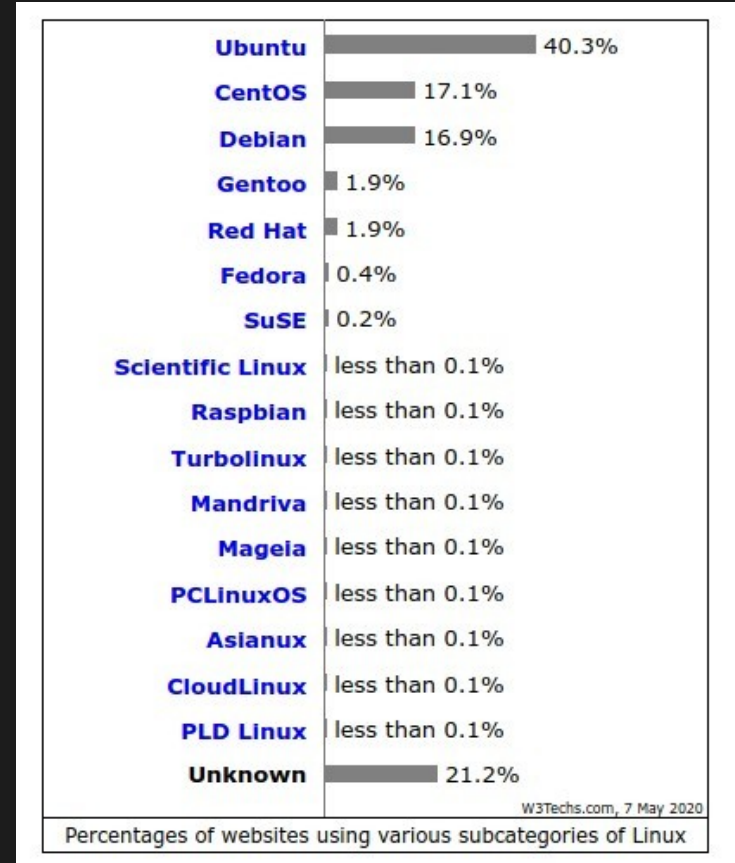
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Kenapa PHP developer
sebaiknya tahu Linux?

Aplikasi PHP berjalan di atas
Linux server

Linux Server Distro

- Ubuntu
- Debian
- CentOS
- openSUSE
- RHEL
- SLES



Memilih Linux Server Distro

- Sesuaikan system requirements
- Masa dukungan yang panjang (LTS, cek di <https://linuxlifecycle.com>)
- Sering digunakan / familiar

Linux Dasar

- Struktur direktori (man hier)
- Perintah dasar (cd, cp, ls, mv, rm, dll)
- Text editor (vi/vim, nano)
- Ownership dan Permission (chown, chmod)
- Manajemen user dan group

Paket Web Server

- Apache
- Nginx
- MySQL / MariaDB
- PHP

Aplikasi Client

- SSH client
 - PuTTY (<https://www.putty.org>)
 - Xshell (<https://www.netsarang.com>)
 - OpenSSH client
- SFTP client
 - FileZilla client (<https://filezilla-project.org>)
 - Xftp (<https://www.netsarang.com>)
 - sftp

Sebelum Deploy

- Catat semua system requirements
 - Operating system
 - Web server
 - Database
 - PHP + extensions
 - Domain/subdomain
 - Folder permissions
 - Developer tools

Belajar Linux Server

- Physical server
- Windows Subsystem for Linux (WSL)
- Virtual machine (VirtualBox)
- Linux container (LXD)
- Cloud VPS

DEMO

INSTALL LINUX VPS

01. Membuat SSH Key

02. Membuat Linux VPS

03. DNS Records

04. Konfigurasi SSH Client dan SSH Server

05. Set Timezone

06. Update System

07. Files Transfer

08. Apache dan Virtual Host

09. Install PHP 7.4

10. Install MariaDB 10.4

11. Install SSL Let's Encrypt untuk Apache

12. Install Nginx + PHP-FPM

13. Install SSL Let's Encrypt untuk Nginx

14. Firewall iptables

15. Backup