

Ubuntu System Administrator

Durasi: 5 Hari

Topik Pembahasan:

1. **Introduction Linux & Ubuntu Distro**
2. **Linux Fundamentals**
 - File & Directory Management
 - User & Group Management
 - File System Hierarchy
 - File & Folder Permission
3. **Networking**
 - Networking Linux (Netplan)
 - Configure Netplan
 - Set Static IP
4. **Package Manager**
 - Package Manager Linux (APT)
 - Search Package
 - Install Package
 - Update Package
5. **Remote Access Server**
 - Remote Server (SSH)
 - Configure SSH with Key
 - Change Port
 - Jumping Host (Bastion)

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6. **File Transfer**

- Secure Copy Protocol (SCP)
- Transfer File
- Transfer Folder

7. **Dashboard**

- Web-based Graphical UI (Cockpit)
- Install Cockpit
- Configure Cockpit
- Access Cockpit Dashboard

8. **Domain Name Service (DNS)**

- Introduction DNS Service
- Install DNS Server (Bind9)
- Configure Zone & Domain
- Configure Subdomain
- Configure DNS Master-Slave

9. **Web Service**

- Introduction Web Service
- Web Service Server (Apache2)
- Change Content Default Apache2
- Configure SSL using OpenSSL

10. **Web Service (lanjutan)**

- Configure Web Basic Authentication
- Configure VHost

11. **Database Service**

- Install Database Server (MariaDB)
- Configure Database Server

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- Install phpMyAdmin
- Clustering Database (Galera)

12. **Content Management System**

- Install PHP
- Running PHP on Apache2
- Install WordPress
- Configure WordPress

13. **Load Balance**

- Install HAProxy
- Configure HAProxy
- Setup HTTP Load Balancer
- Setup DB Load Balancer

14. **File Sharing**

- Install File Sharing Server (Samba)
- Configure Samba
- Folder Sharing Limit
- Block File Extension

15. **Proxy Server**

- Install Proxy Server (Squid)
- Configure Squid
- Block Site
- Forwarding Site

16. **Mail Server**

- Install Mail Server (Zimbra)
- Configure Zimbra
- Administration Management

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