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1. TCP/IP Layer

* FISIK

Media : Wireless, Cable, Optic

* DATALINK

Mac Address

* NETWORK

IP

* TRANSPORT

UDP/TCP

* APPLICATION LAYER

HTTP, FTP, DNS

1. Distro Linux untuk administrasi jaringan

* Debian : DNS Server
* Ubuntu : DNS Server
* Kali Linux : DNS Server
* PFsense : Routing, Proxy, NAT
* ClearOS : Web Server, Email Server, User Management
* Mikrotik (core linux) : VLAN Management/Routing, DNS Relay, DHCP Server



**INTERNET**

VL 1

S1

S1

Student

VL2

S2

Dosen

VL3

S3

Staff

S1

S2

Student

VL1

S2

VL2

Dosen

VL3

S3

Staff

S3

S1

Student

VL1

VL2

S3

S2

Dosen

Staff

VL3