

LAPORAN HASIL PRAKTIKUM INTERNET DAN APLIKASINYA

Wireless (fisik)

Dosen Pengampu :

Puspaningtyas Sanjoyo Adi S.T., M.T.



Oleh

Nama :

NIM :

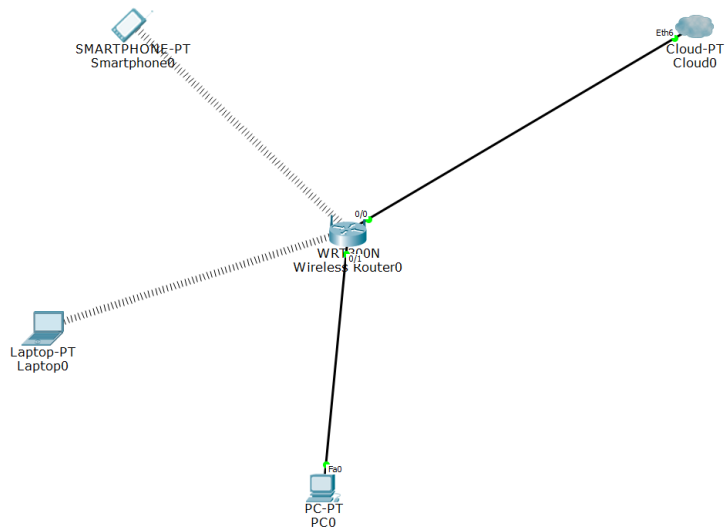
Kelas :

**PROGRAM STUDI INFORMATIKA
FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS SANATA DHARMA
YOGYAKARTA**

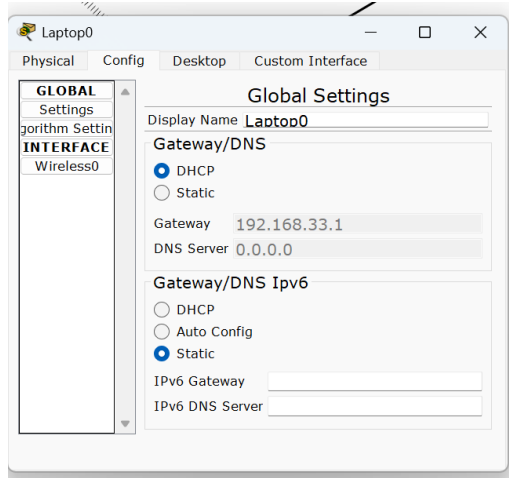
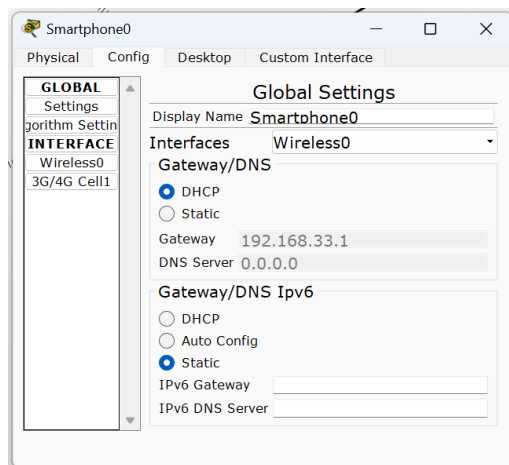
2024

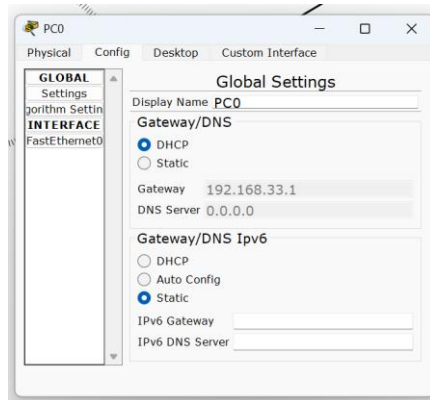
*Menggunakan Cisco

A. Screenshot Topologi



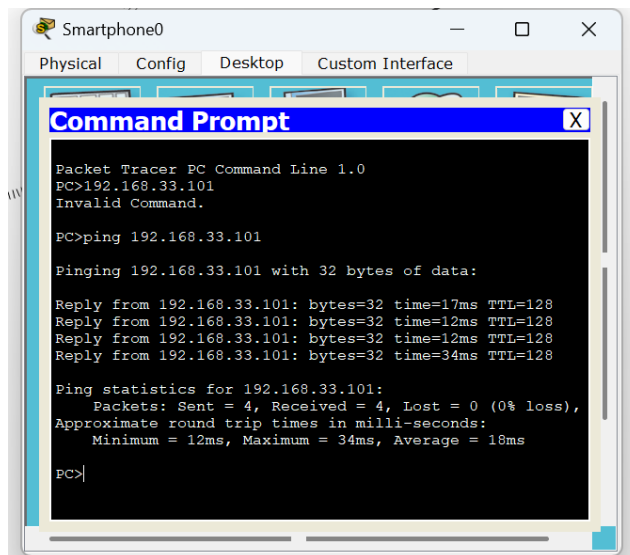
B. Screenshot Konfigurasi (Laptop, Smartphone, PC)



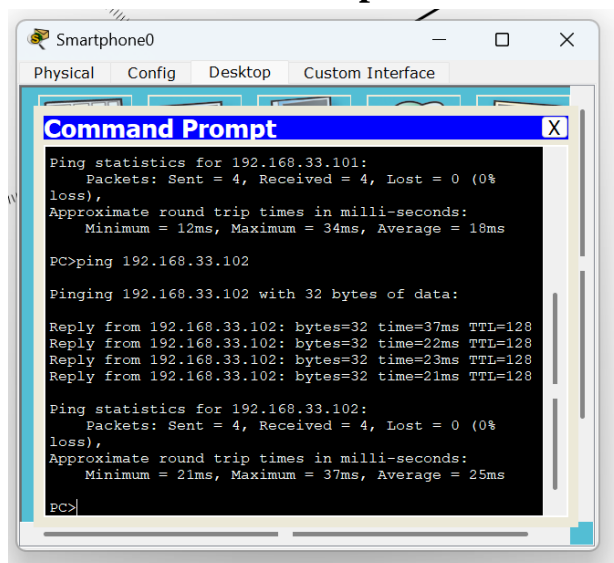


C. ScreenShot DHCP sukses

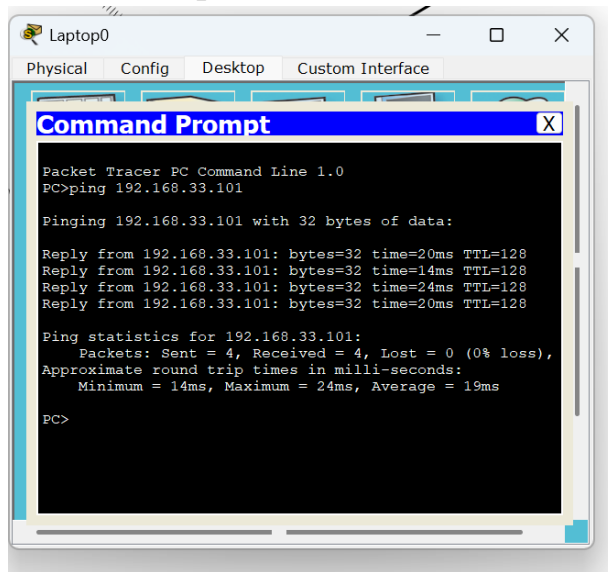
SmartPhone0 – PC0



SmartPhone0 – Laptop 0

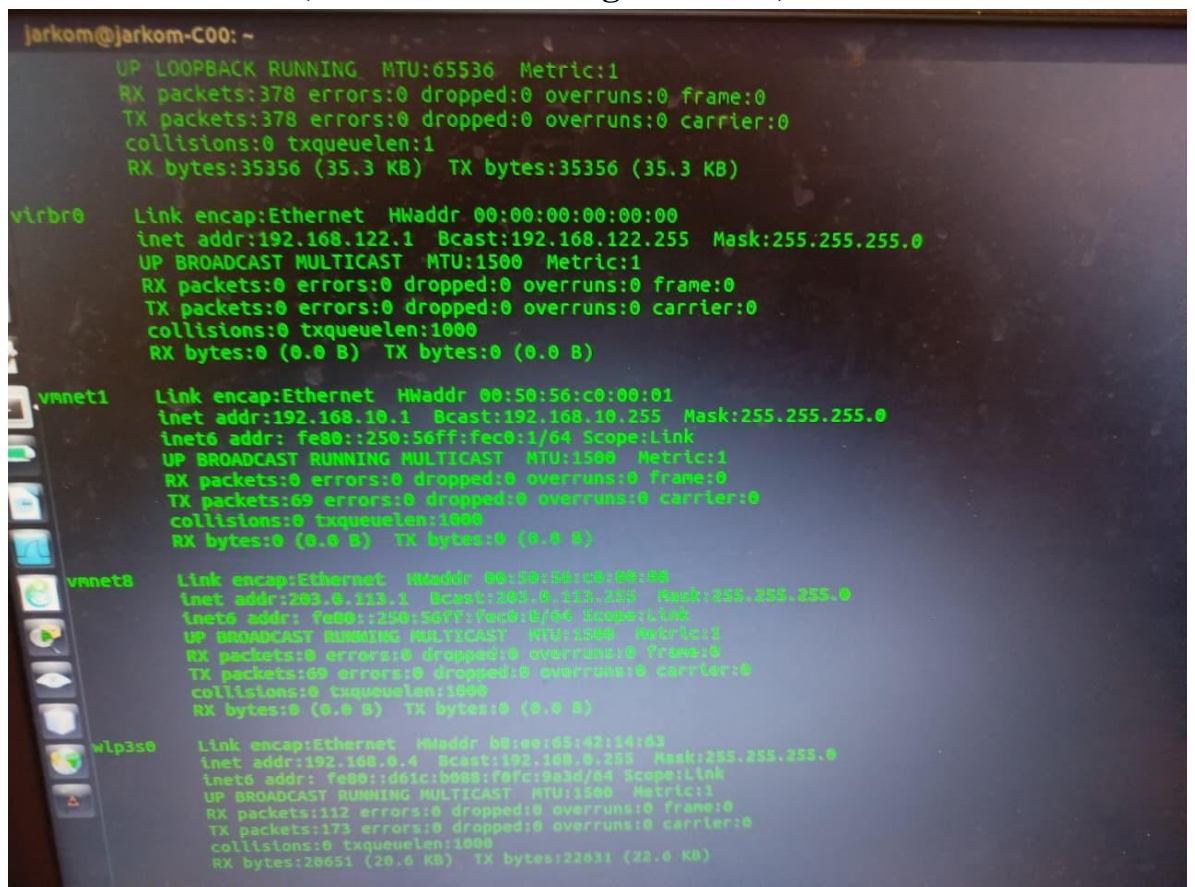


PC0 – Laptop0



*Menggunakan router fisik

D. Screenshot IP PC (setelah tersambung ke router)



E. Screenshot SSID

The screenshot shows the 'Wireless Security' tab in a router's web interface. The 'Manual' radio button is selected, and 'Wi-Fi Protected Setup™' is unselected. The 'Network Mode' is set to 'Mixed'. The 'Network Name (SSID)' is 'celvin'. The 'Channel Width' is 'Auto (20 MHz or 40 MHz)'. The 'Channel' is '3 - 2.422GHZ'. The 'SSID Broadcast' is 'Enabled'. At the bottom, there are 'Save Settings' and 'Cancel Changes' buttons.

Setup	Wireless	Security	Applications & Gaming	Admin
Basic Wireless Settings	Wireless Security	Wireless MAC Filter		

☒ Manual ☐ Wi-Fi Protected Setup™

Network Mode: Mixed

Network Name (SSID): celvin

Channel Width: Auto (20 MHz or 40 MHz)

Channel: 3 - 2.422GHZ

SSID Broadcast: ☒ Enabled ☐ Disabled

Save Settings Cancel Changes

F. Screenshot Password

The screenshot shows the 'Wireless Security' tab in a router's web interface. The 'Security Mode' is 'WPA2/WPA Mixed Mode'. The 'Passphrase' is 'Celvin1234'. At the bottom, there are 'Save Settings' and 'Cancel Changes' buttons.

Setup	Wireless	Security	Applications & Gaming	Admin
Basic Wireless Settings	Wireless Security	Wireless MAC Filter		

Security Mode: WPA2/WPA Mixed Mode

Passphrase: Celvin1234

Save Settings Cancel Changes

G. Screenshot Setup LAN

The screenshot shows the 'Network Setup' tab in a router's web interface. The 'Internet Setup' section shows 'Automatic Configuration - DHCP'. The 'Network Setup' section shows 'Router Address' with IP Address '192.168.33.1', Subnet Mask '255.255.255.0', and Router Name 'agnecia'. The 'DHCP Server Setting' section shows 'DHCP Server' as 'Enabled', 'Start IP Address' as '192.168.49.33', 'Maximum Number of Users' as '50', and 'IP Address Range' as '192.168.49.33 to 82'. At the bottom, there are 'Save Settings' and 'Cancel Changes' buttons.

Setup	Wireless	Security	Applications & Gaming	Admin
Basic Wireless Settings	Wireless Security	Wireless MAC Filter		

Language: English

Internet Setup

Internet Connection Type: Automatic Configuration - DHCP

Optional Settings (required by some Internet Service Providers)

Network Setup

Router Address

Host Name:

Domain Name:

MTU: Auto Size: 150

IP Address: 192 . 168 . 33 . 1

Subnet Mask: 255.255.255.0

Router Name: agnecia

DHCP Server Setting

DHCP Server: ☒ Enabled ☐ Disabled DHCP Reservation

Start IP Address: 192 . 168 . 49 . 33

Maximum Number of Users: 50

IP Address Range: 192 . 168 . 49 . 33 to 82

Client Lease Time: 0 minutes (0 means one day)

Static DNS 1: 0 . 0 . 0 . 0

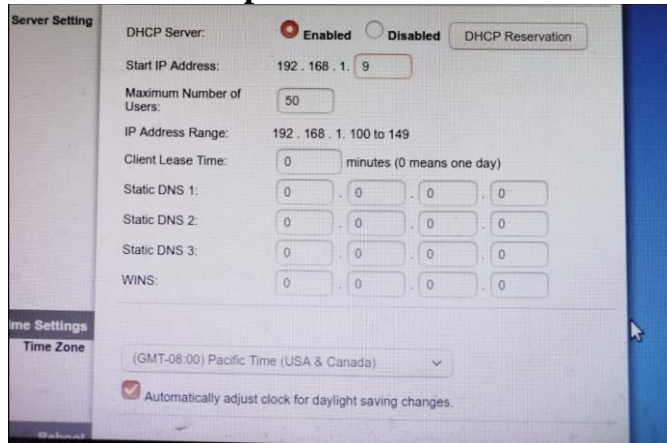
Static DNS 2: 0 . 0 . 0 . 0

Static DNS 3: 0 . 0 . 0 . 0

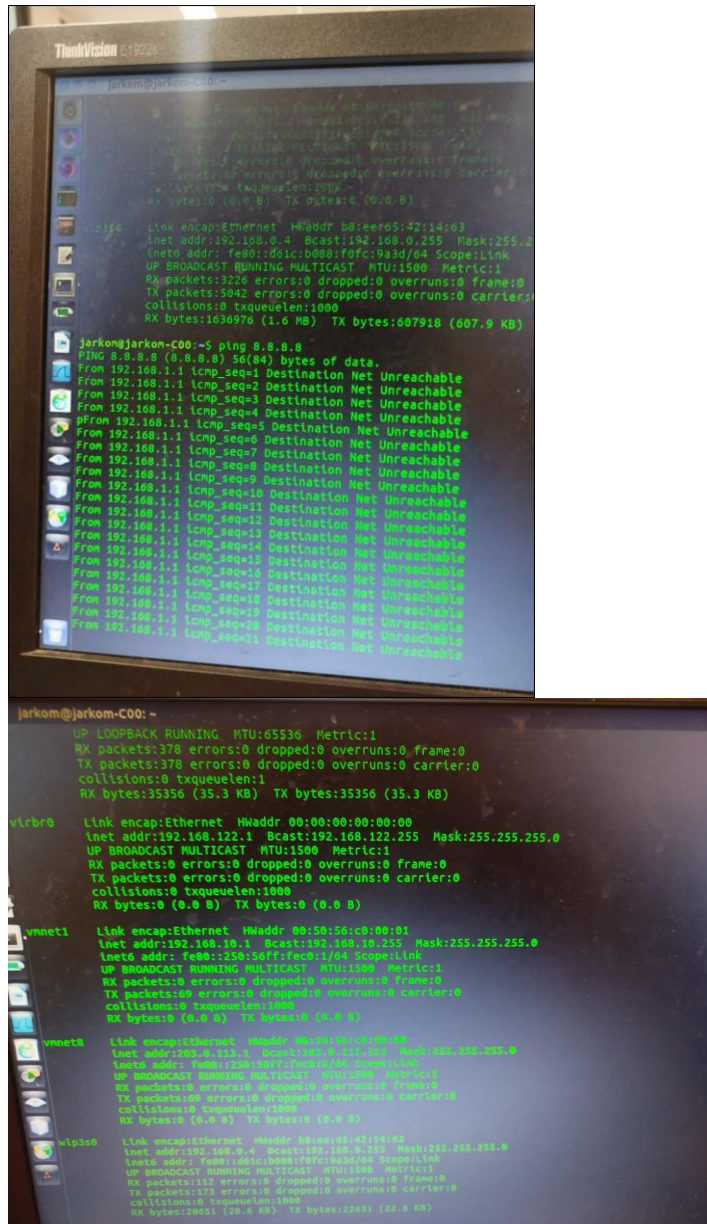
WINS: 0 . 0 . 0 . 0

Save Settings Cancel Changes

H. Screenshot Setup WAN



I. Screenshot Enable NAT



J. Screenshot Bukti Tersambung Internet

