

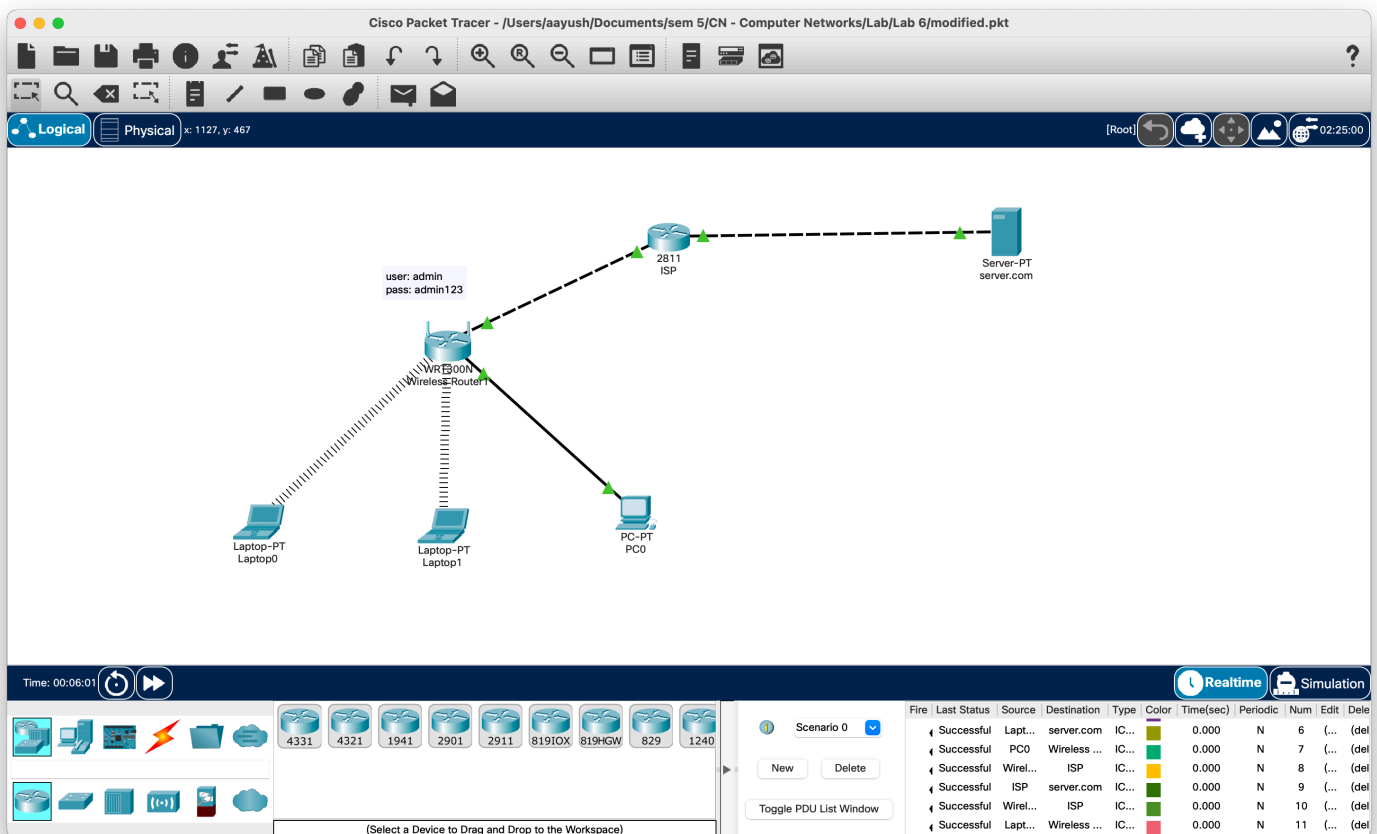
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2 October 2021

# Practical 6

## Wireless LAN

- **Configure wireless LAN using packet tracer.**

- **Main Figure :**



- **Configurations :**

### Admin PC

PC0

Physical Config **Desktop** Programming Attributes

Web Browser

< > URL http://192.168.0.1 Go Stop

Wireless-N Broadband Router

**Setup** Setup Wireless Security Access Restrictions Applications & Gaming Administration

Basic Setup DDNS MAC Address Clone

**Internet Setup**

Internet Connection type: Static IP

Internet IP Address: 155 . 21 . 0 . 2

Subnet Mask: 255 . 255 . 0 . 0

Default Gateway: 155 . 21 . 21 . 1

DNS 1: 8 . 8 . 8 . 8

DNS 2 (Optional): 0 . 0 . 0 . 0

DNS 3 (Optional): 0 . 0 . 0 . 0

Host Name:

Domain Name:

Optional Settings (required by some internet service providers)

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### Administration config

PC0

Physical Config **Desktop** Programming Attributes

Web Browser

< > URL http://192.168.0.1/Management.asp Go Stop

Wireless-N Broadband Router

**Administration** Setup Wireless Security Access Restrictions Applications & Gaming Administration

Management Log Diagnostics Factory Defaults Firmware

**Management**

Router Access: Router Password: ..... Re-enter to confirm: .....

Web Access: Web Utility Access: ☒ HTTP ☐ HTTPS

Web Utility Access via Wireless: ☒ Enabled ☐ Disabled

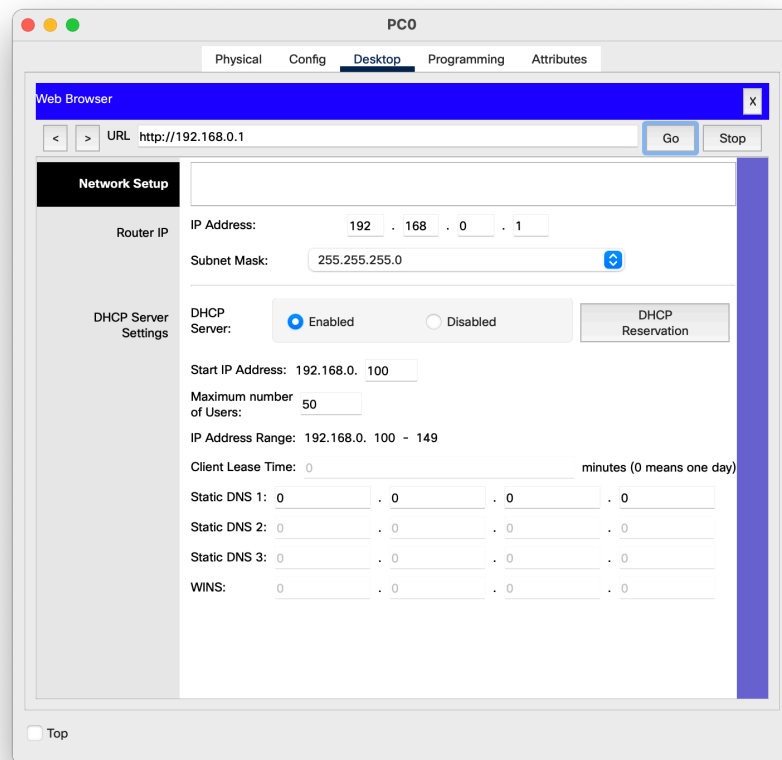
Remote Access: Remote Management: ☐ Enabled ☒ Disabled

Web Utility Access: ☒ HTTP ☐ HTTPS

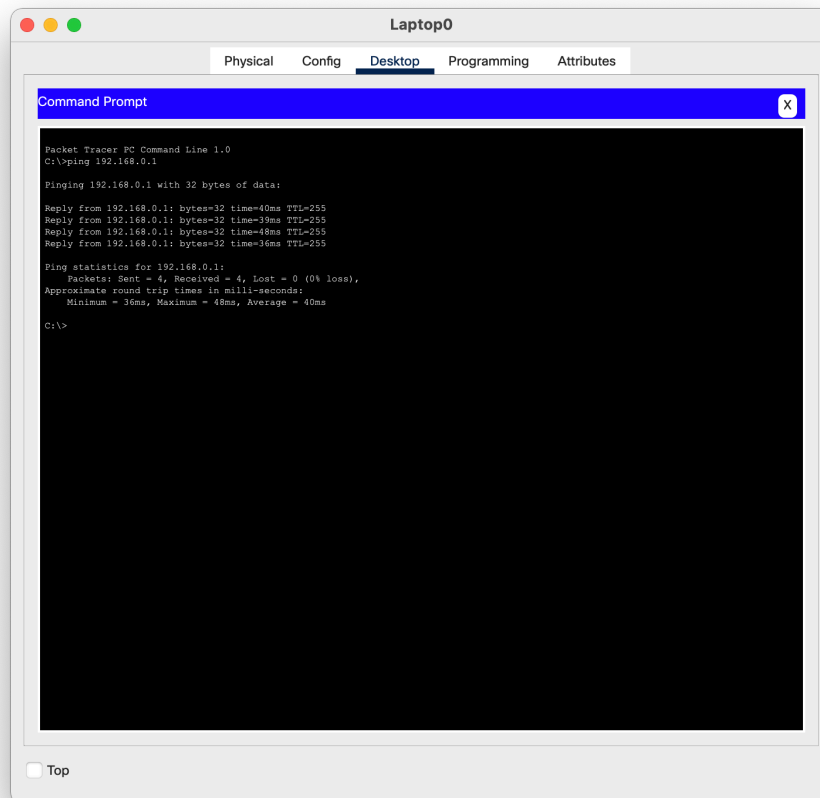
Remote Upgrade: ☐ Enabled ☐ Disabled

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## Network setup config



## Ping from laptop



### Wireless settings

Laptop0

Physical Config **Desktop** Programming Attributes

Web Browser

< > URL  Go Stop

**Wireless** Setup Wireless Security Access Restrictions Applications & Gaming Administration

Basic Wireless

Network Mode:

Network Name (SSID):

Radio Band:

Wide Channel:

Standard Channel:

SSID Broadcast: ☒ Enabled ☐ Disabled

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### Wireless security settings

Laptop0

Physical Config **Desktop** Programming Attributes

Web Browser

< > URL  Go Stop

**Wireless** Setup Wireless Security Access Restrictions Applications & Gaming Administration

Wireless Security

Security Mode:

Encryption:

Passphrase:

Key Renewal:  seconds

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