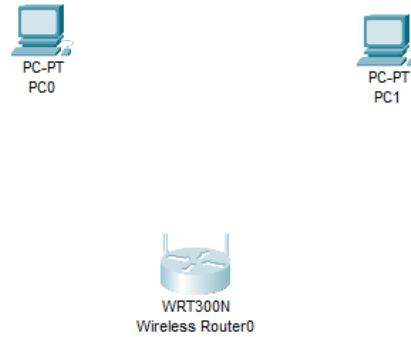


## Практическая работа 19 – Работа Wi-Fi

### 1. Создаем сеть.



### 2. Включаем DHCP у роутера.

The screenshot shows the configuration interface for 'Wireless Router0'. The 'Config' tab is selected, and the 'GUI' sub-tab is active. The interface is divided into two main sections: 'Internet Setup' and 'Network Setup'.

**Internet Setup:**

- Internet Connection type: Automatic Configuration - DHCP (selected)
- Optional Settings (required by some internet service providers):
  - Host Name: [empty field]
  - Domain Name: [empty field]
  - MTU: [dropdown menu] Size: 1500

**Network Setup:**

- Router IP:
  - IP Address: 192 . 168 . 0 . 1
  - Subnet Mask: 255.255.255.0
- DHCP Server Settings:
  - DHCP Server: ☒ Enabled ☐ Disabled
  - DHCP Reservation: [button]
  - Start IP Address: 192.168.0. 100
  - Maximum number of Users: 50
  - IP Address Range: 192.168.0. 100 - 149
  - 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

A 'Help...' button is visible on the right side of the configuration area. At the bottom left, there is a 'Top' button.

3. Число, с которого начинается нумерация и максимальное количество устройств.

Start IP Address: 192.168.0.

Maximum number of Users:

4. Выбираем способ защиты – протокол WPA2, устанавливаем надежный пароль.

Setup	Wireless	Security	Access Restrictions	Applications & Gaming	Admin
Basic Wireless Settings	Wireless Security	Guest Network	Wireless MAC Filter		

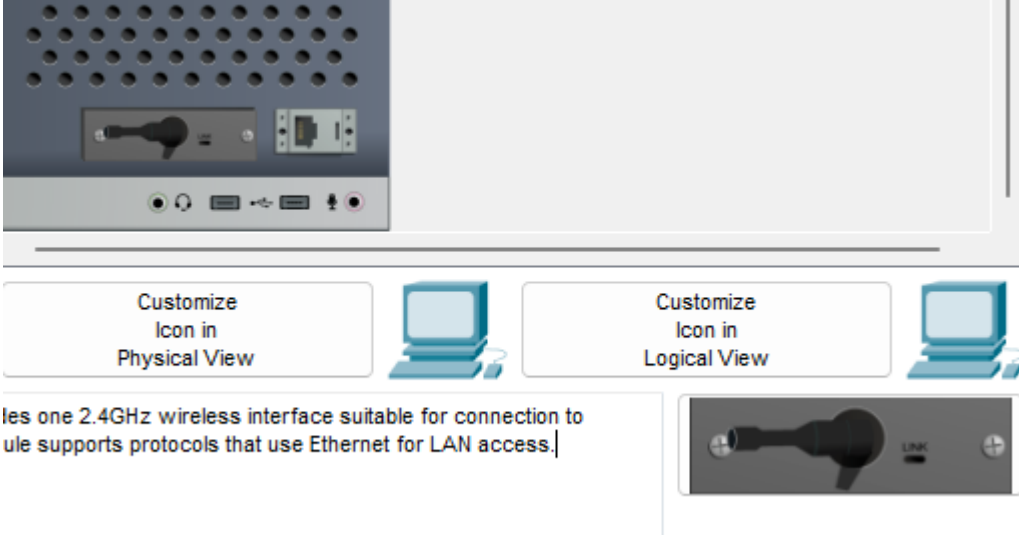
Security Mode:

Encryption:

Passphrase:

Key Renewal:  seconds

5. Для устройств подключаем модуль для беспроводного подключения.

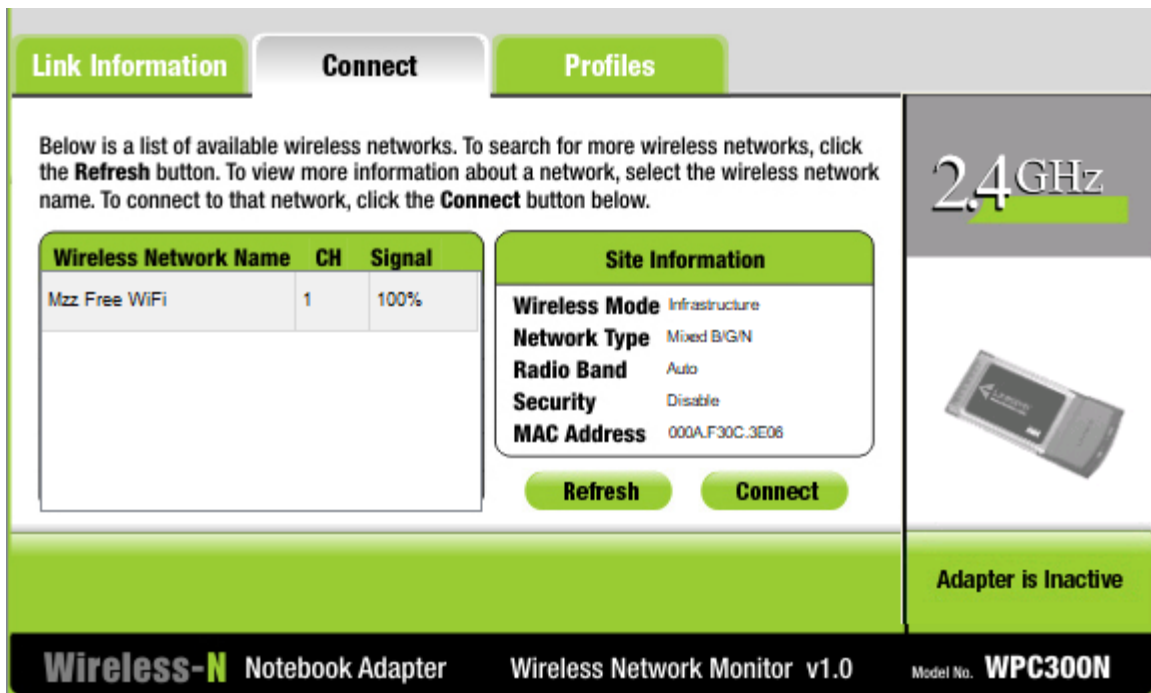


Customize Icon in Physical View

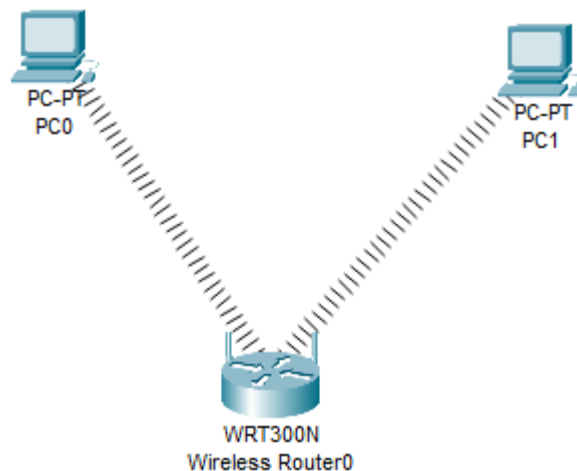
Customize Icon in Logical View

les one 2.4GHz wireless interface suitable for connection to  
ule supports protocols that use Ethernet for LAN access.

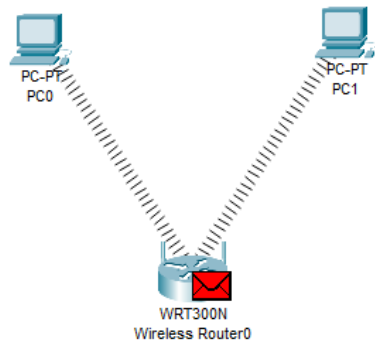
6. Переходим в Desktop -> PC Wireless. Во вкладке Connect находим нашу сеть. Подключаемся.



7. По итогу получается такая картина.



8. Передаем пакеты между двумя устройствами. Результат – успех.



▶

erver

Web Server

Network Controller

Printer

IP Phone

VoIP Device

Phone

TV

Tablet

Smart Phone

Gen Wireless

Scenario 0

New

Delete

Toggle PDU List Window

Fire	Last Status	Source	Destination	Type	Color
	Successful	PC0	PC1	ICMP	