

Name: Dodda Sumanth

Reg.No:18BCI0067

Lab Assignment – 4
Part A:Configuring Wireless LAN Access
Part B :AAA Network Configuration

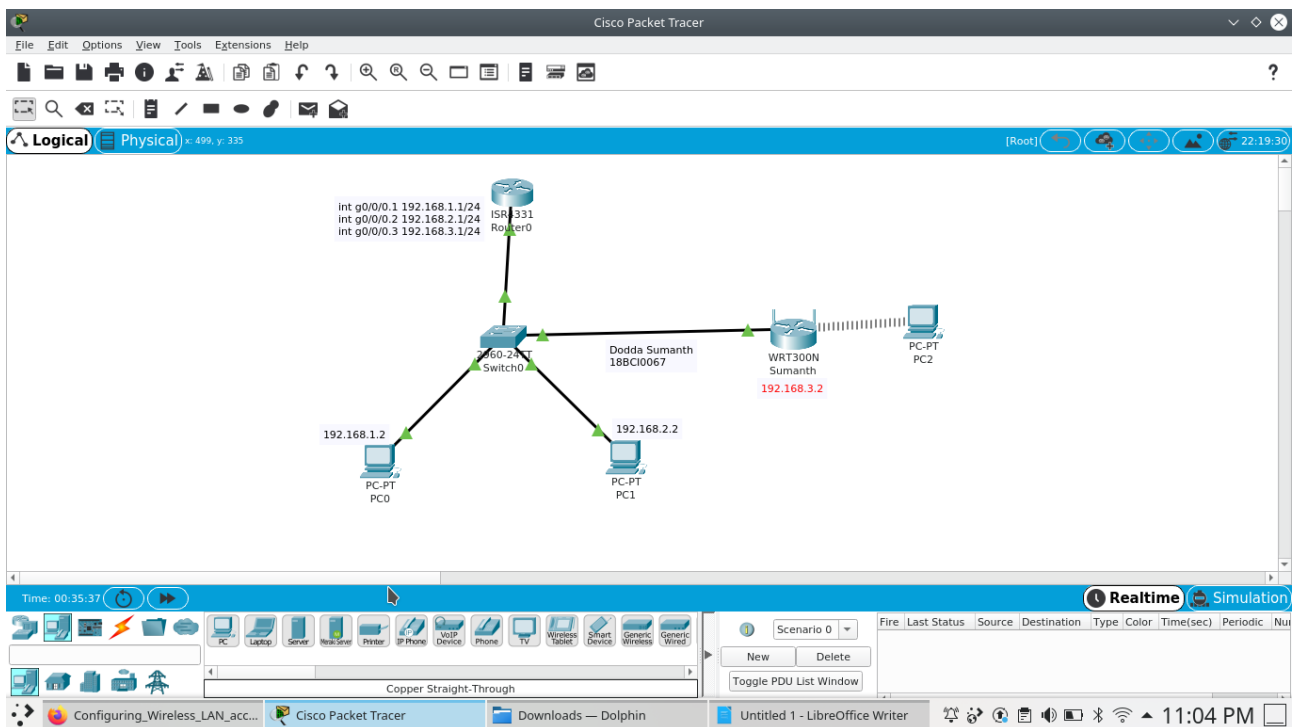
Part A:Configuring Wireless LAN Access

Objectives:

Part 1: Configure a Wireless Router

Part 2: Configure a Wireless Client

Part 3: Verify Connectivity



Address Table:

Device	Interface	IP Address	Subnet Mask	Default Gateway
Router 1	G0/0/0.1	192.168.1.1	255.255.255.0	No Gateway
	G0/0/0.2	192.168.2.1	255.255.255.0	No Gateway
	G0/0/0.3	192.168.3.1	255.255.255.0	No Gateway
PC1	FastEthernet0	192.168.1.2	255.255.255.0	192.168.1.1
PC2	FastEthernet0	192.168.2.2	255.255.255.0	192.168.2.1

PC3	Wireless0	DHCP(10.10.0.101)	DHCP	DHCP(10.10.0.1)
WRS	Internet0	192.168.3.2	255.255.255.0	192.168.3.1

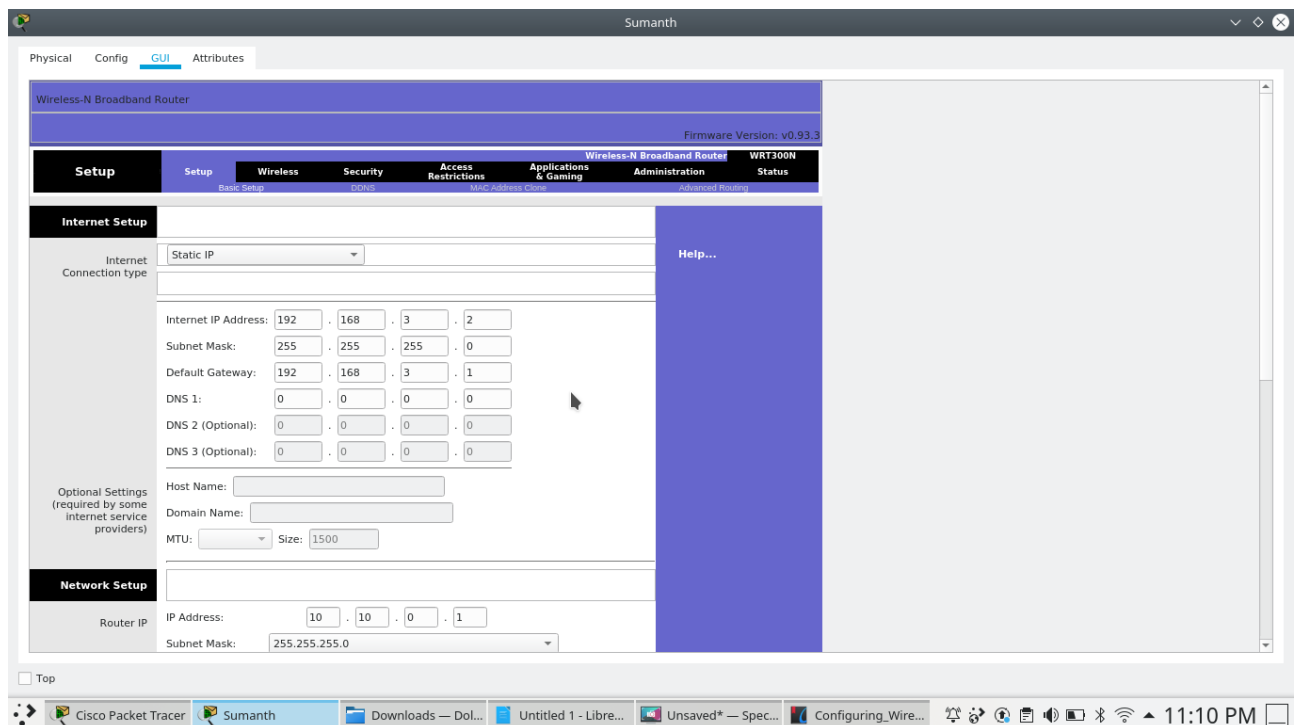
Part 1: Configure a Wireless Router

Internet and subnet configuration

IP address: **192.168.3.2**

Gateway: **192.168.3.1**

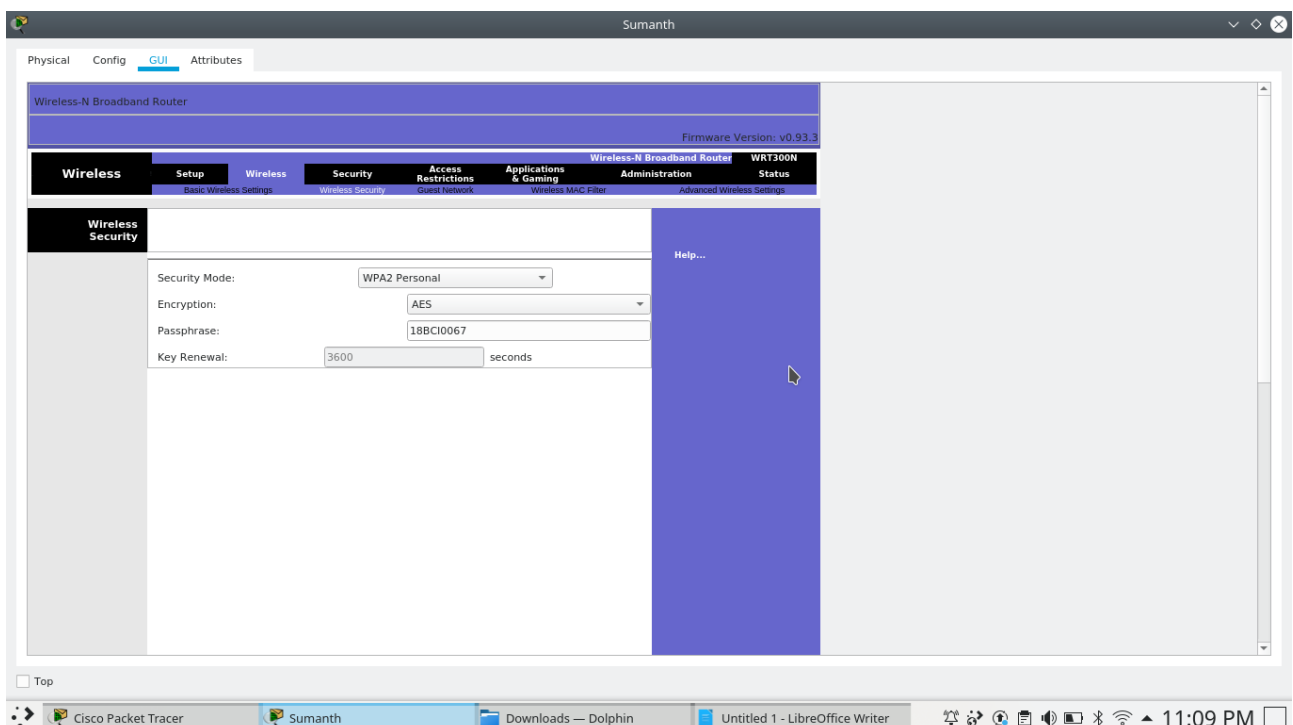
Subnet: **255.255.255.0**



SSID and PassPhrase Configuration:

SSID: **Sumanth**

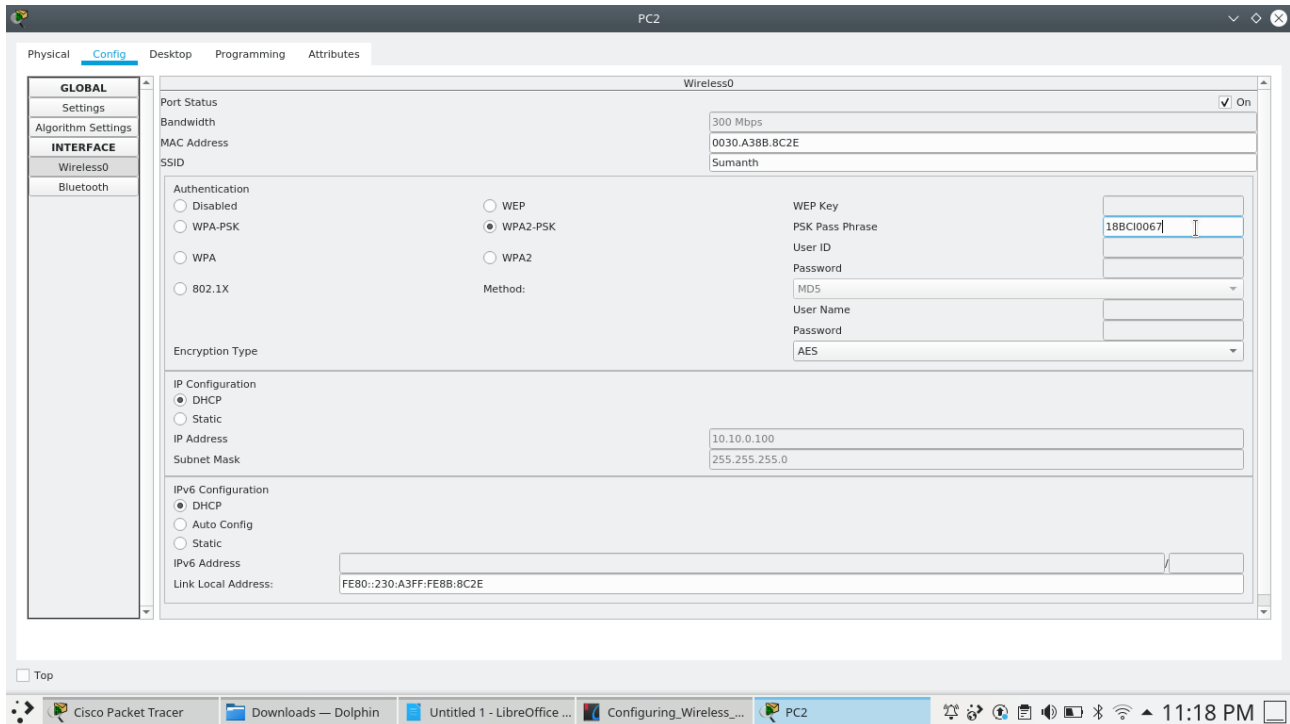
PassPhrase: **18BCI0067**



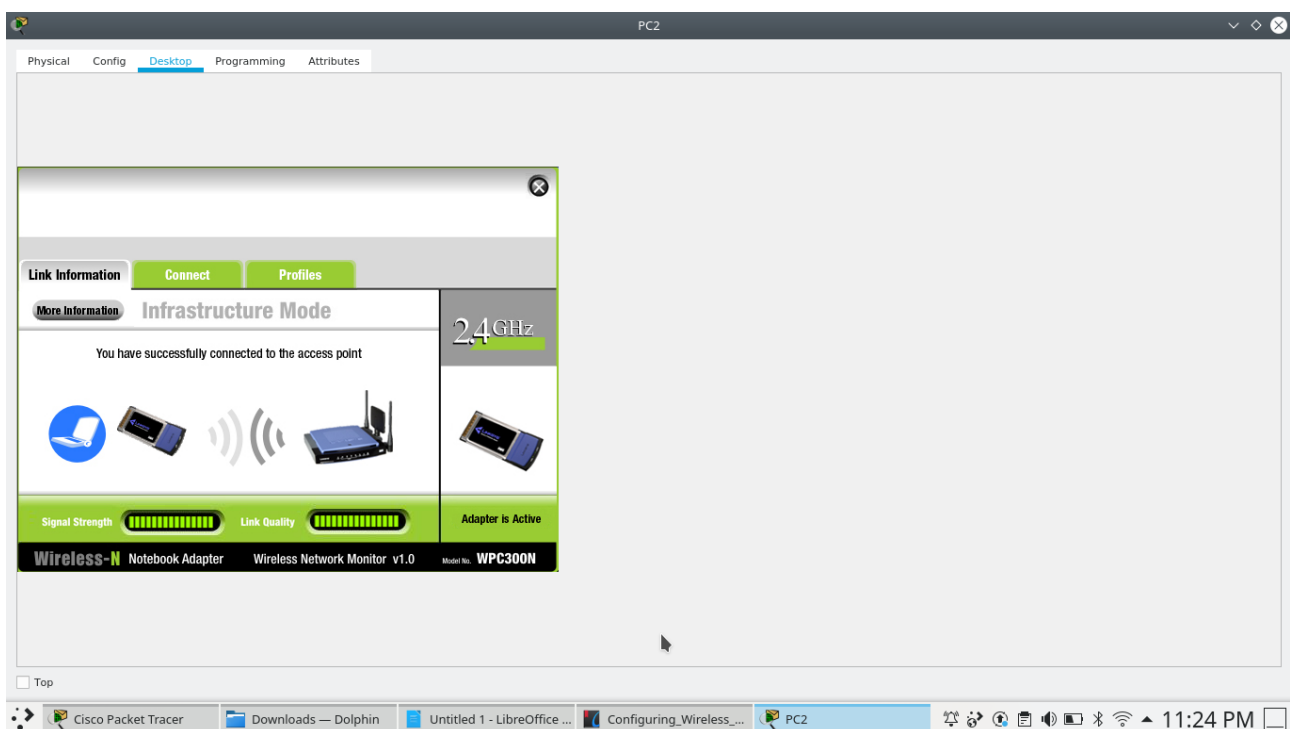
Part 2: Configure a Wireless Client

Connecting PC to WRS using:
SSID:Sumanth

PassPhrase:18BCI0067

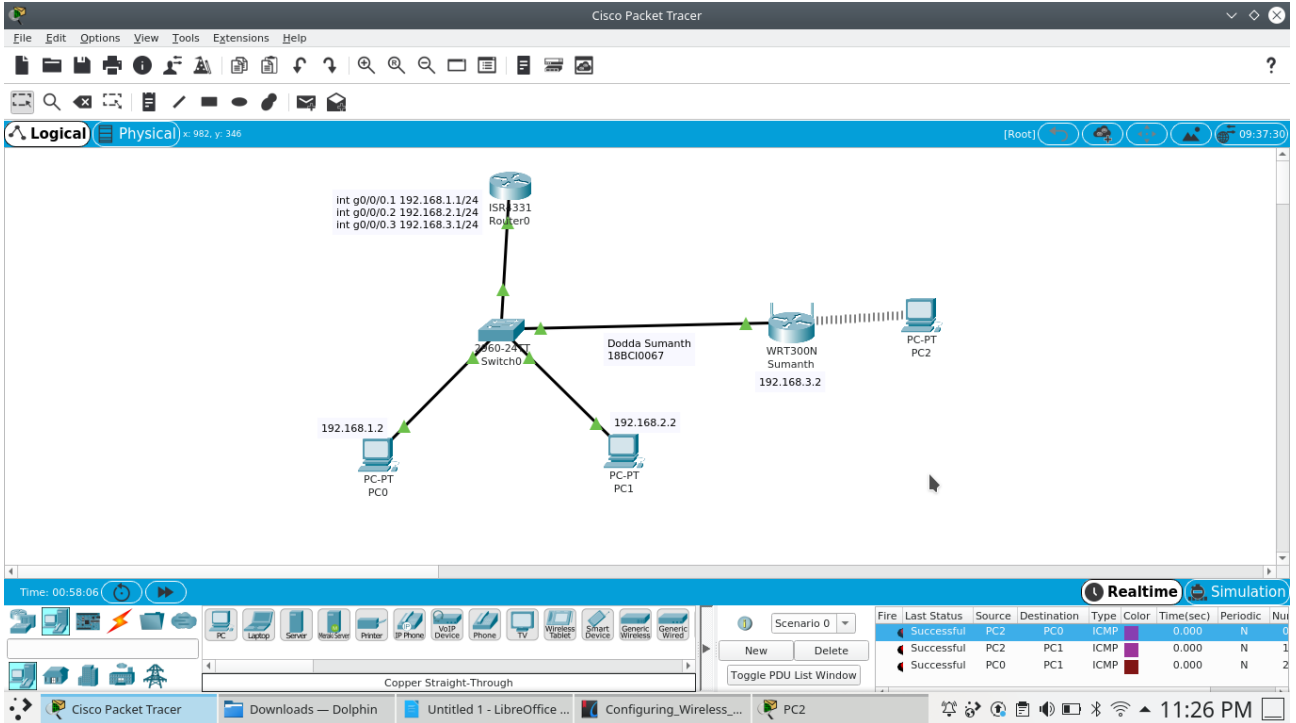


Checking Signal Strength:



Part 3: *Verify Connectivity*

All the PC's in the network are inter connected:



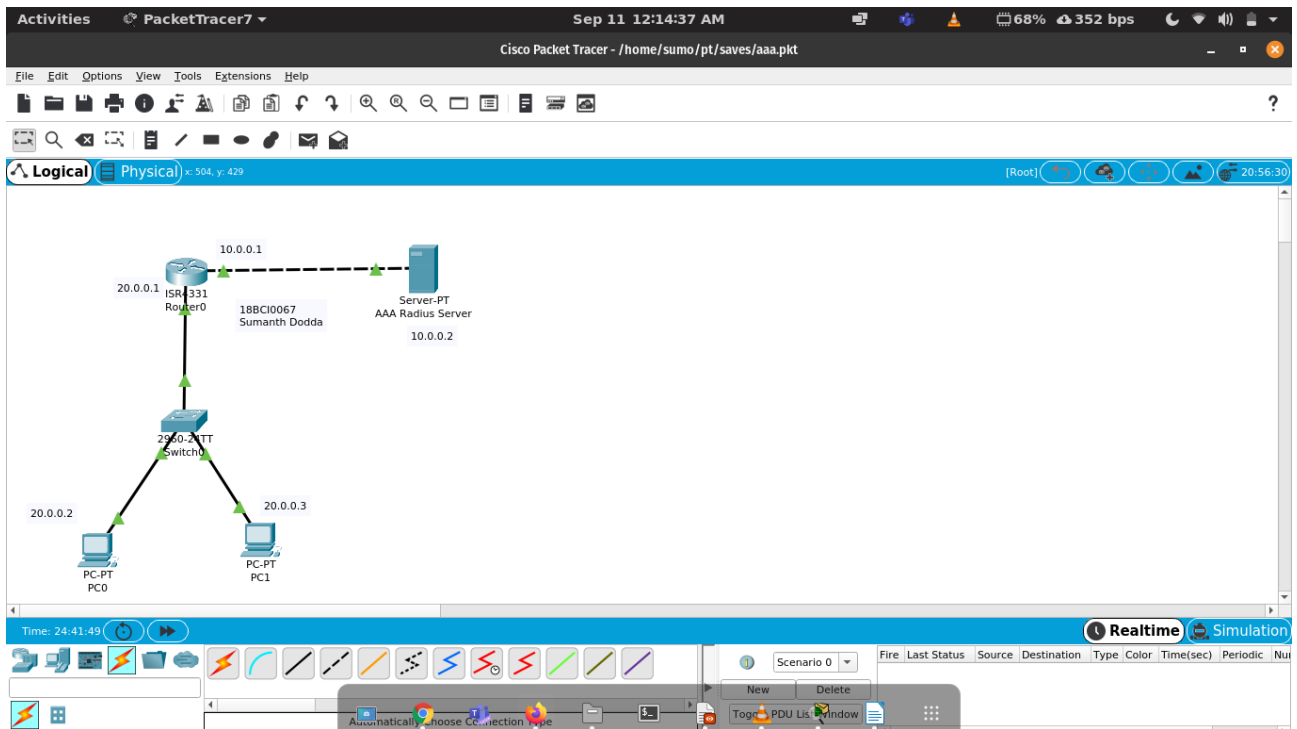
Part B :AAA Network Configuration

Objectives:

Part 1: Configure a AAA Server

Part 2: Configure Router

Part 3: Telnet it



Address Table:

Device	Interface	IP Address	Subnet Mask	Default Gateway
Router 1	G0/0/0	10.0.0.1	255.255.255.0	No Gateway
	G0/0/1	20.0.0.1	255.255.255.0	No Gateway
PC1	FastEthernet0	20.0.0.2	255.255.255.0	20.0.0.1
PC2	FastEthernet0	20.0.0.3	255.255.255.0	20.0.0.1
AAA Server	FastEthernet0	10.0.0.2	255.255.255.0	10.0.0.1

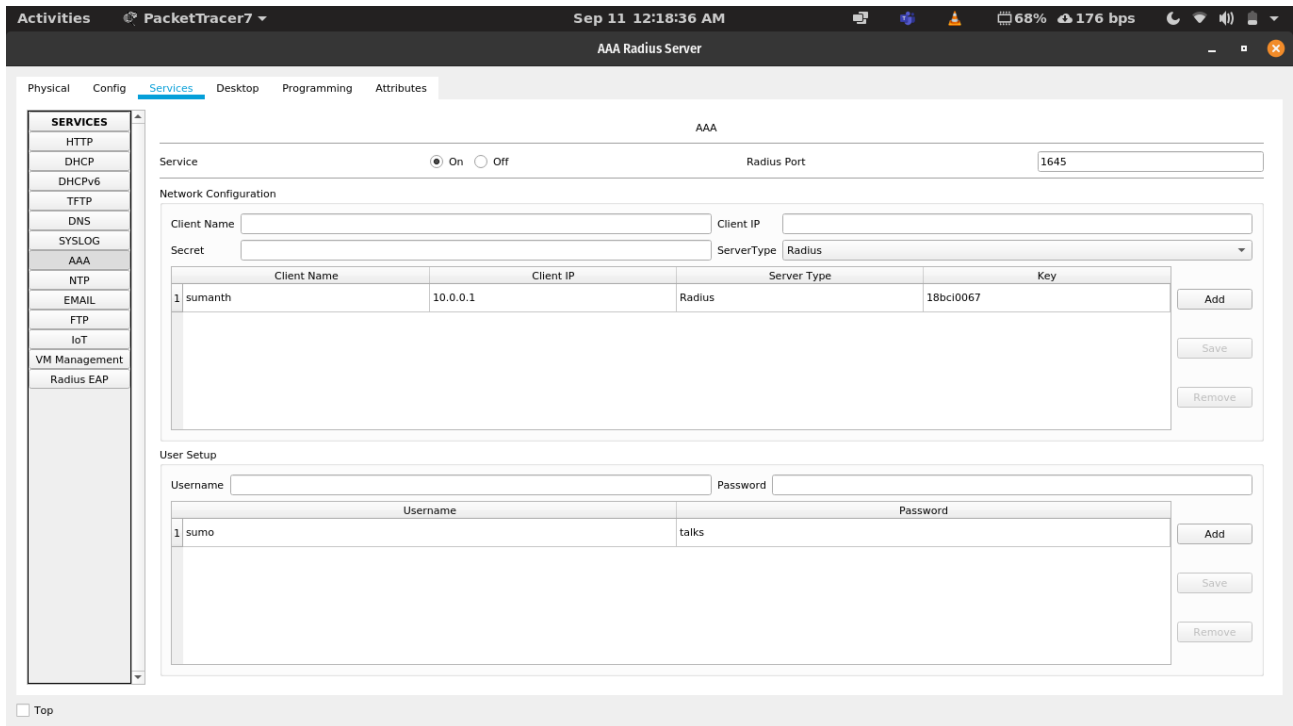
Part 1:Configure a AAA Server:

Client IP: 10.0.0.1

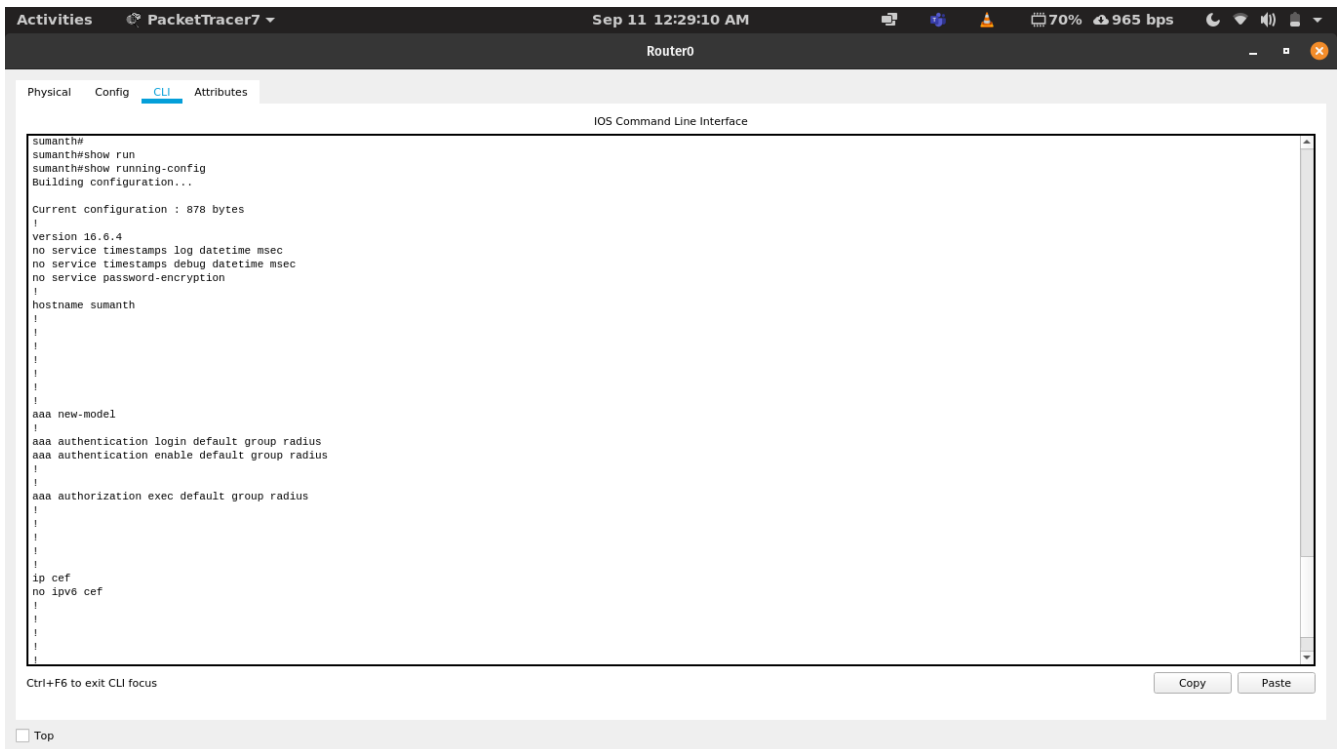
Username : sumo

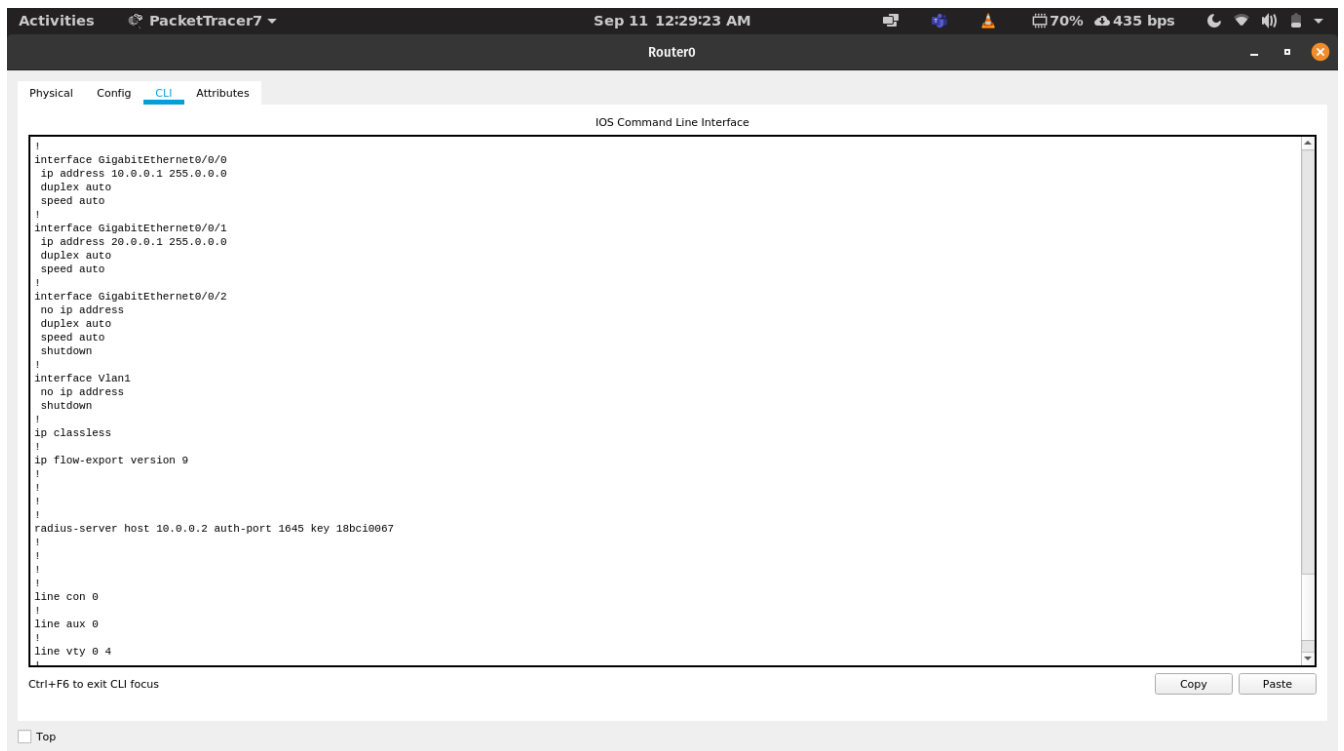
Secret Key:18bci0067

Password:talks



Part 2: Configure Router





Part 3: *Telnet It!:*

