

Documentation for Cisco Packet Tracer Project

Description:

In this paper there will be provided information about the Project such as configuration, specific settings and steps taken for each network as well as notes for future enhancements.

Simple Home:

Routers

SimpleHomeWirelessRouter

IPv4 address: 192.168.0.1

Subnet Mask: 255.255.255.0

50 devices allowed in range of 192.168.0.100 - 192.168.0.149

(Bugged, intended was 10 devices from 192.168.0.10 - 192.168.0.19)

Activated Networks

Main network:

SSID: MyHomeRouter5G

Password: P455W0RD

Devices

Name	IPv4 address	MAC address	Interface	IP configuration	Default Gateway
Owner's PC	192.168.0.100 - 149	000C.CF42.1050	FastEthernet0	DHCP	192.168.0.1
Owner's Laptop	192.168.0.100 - 149	0001.4396.2989	Wireless0	DHCP	192.168.0.1

Extra Configurations:

Wireless MAC address filtering:

Wireless MAC Filter

Access Resolution

MAC Address filter list

Wireless Port: 5G(1) ▾

☒ Enabled ☐

☐ Prevent PCs listed below from accessing the wireless

☒ Permit PCs listed below to access wireless network

Wireless Client List

MAC 01: 00:01:43:96:29:89

MAC 02: 00:0C:CF:42:10:50

Extra Configurations:
Wireless MAC address filtering:

Guest Network:

SSID: MyHomeRouter_GUEST Password: GU3ST_P455

Devices

Name	IPv4 address	MAC address	Interface	IP configuration	Default Gateway
Guest's_Smartphone	192.168.0.100 - 149	0002.1775.C29C	Wireless0	DCHP	192.168.0.1

Complex Home: