Redes de Computadores - RECOMP

NATP

Lab Topology:

The lab network topology is illustrated below:

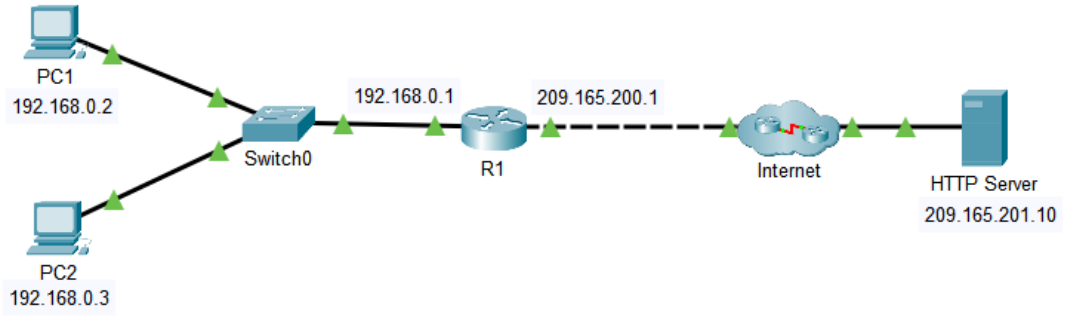

Figure 1- Lab Topology

Objectives

Part 1: Configure NATP
Part 2: Verify NATP Implementation

Instructions

Part 1: Configure NATP

Step 1: Configure the traffic that will be permitted.

On **R1**, configure one statement for ACL 1 to permit any address belonging to the 192.168.0.0/24 network.

```
R1(config)# access-list 10 permit 192.168.0.0 0.0.0.255
```

Step 2: Associate ACL 1 with the exit interface.

Enter the command that associates ACL 1 with the exit interface and not forgetting the overload keyword.

```
R1(config)# ip nat inside source list 10 interface GigabitEthernet0/1 overload
```

Step 3: Configure the NAT interfaces.

Configure **R1** interfaces with the appropriate inside and outside NAT commands.

```
R1(config)# interface GigabitEthernet0/0
R1(config-if)#ip nat inside
R1(config)# interface GigabitEthernet0/1
R1(config-if)#ip nat outside
```

Part 2: Verify NATP Implementation

Step 1: Access services across the internet.

From the web browser of the PCs, access the web page for **HTTP Server**.

Step 2: View NAT translations.

View the NAT translations on **R1**. Identify the internal source address and the external address of the PC.

```
R1# show ip nat translations
```