Redes de Computadores - RECOMP

Static NAT

Lab Topology:

The lab network topology is illustrated below:
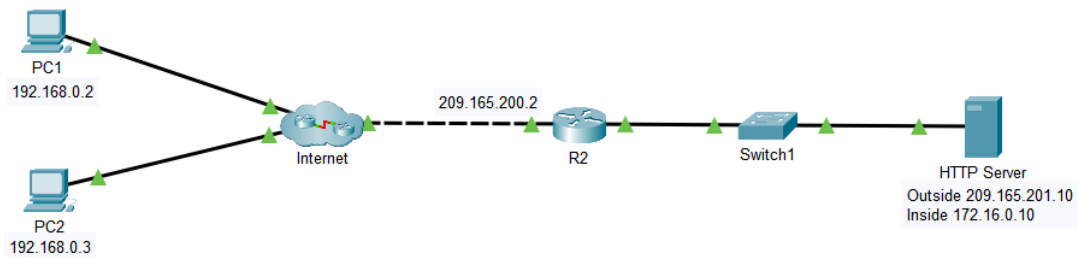

Figure 1- Lab Topology

Objectives

Part 1: Configure Static NAT
Part 2: Test Access with NAT

Instructions

Part 1: Configure Static NAT

Step 1: Configure static NAT statements.

Create a static NAT translation to map the **HTTP Server** inside address to its outside address.

```
R2(config)#ip nat inside source static 172.16.0.10 209.165.201.10
```

Step 2: Configure interfaces.

a. Configure the **Gig0/1** interface as an inside interface.

```
R2(config)# interface Gig0/1
R2(config-if)# ip nat inside
```

b. Configure the Gig0/0 public interface as an outside interface.

```
R2(config)# interface Gig0/0
R2(config-if)# ip nat outside
```

Part 2: Test Access with NAT

Step 1: Verify connectivity to the HTTP Server web page.

a. Open the command prompt on the **PCs**, attempt to ping the public address for **HTTP Server**. Pings should succeed.

b. Verify the access the **HTTP Server** web page.

Step 2: View NAT translations.

Use the following commands to verify the static NAT configuration on **R2**:

```
R2#show running-config
R2#show ip nat translations
R2#show ip nat statistics
```