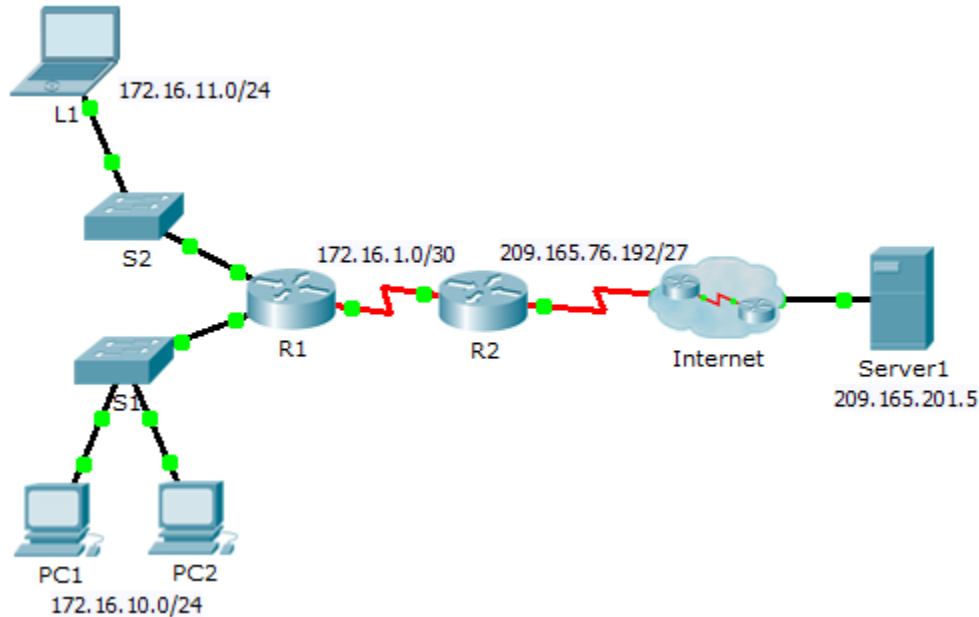# Packet Tracer – Configuring Dynamic NAT

Topology

Objectives

Part 1: Configure Dynamic NAT

Part 2: Verify NAT Implementation

Part 1:   Configure Dynamic NAT

Step 1:   Configure traffic that will be permitted.

On **R2**, configure one statement for ACL 1 to permit any address belonging to 172.16.0.0/16.

Step 2:   Configure a pool of address for NAT.

Configure **R2** with a NAT pool that uses all four addresses in the 209.165.76.196/30 address space.

Notice in the topology there are 3 network ranges that would be translated based on the ACL created. What will happen if more than 2 devices attempt to access the Internet?

Step 3:   Associate ACL1 with the NAT pool.

Step 4:   Configure the NAT interfaces.

Configure **R2** interfaces with the appropriate inside and outside NAT commands.

Part 2: Verify NAT Implementation

Step 1: Access services across the Internet.

From the web browser of **L1**, **PC1**, or **PC2**, access the web page for **Server1**.

Step 2: View NAT translations.

View the NAT translations on **R2**.

```
R2# show ip nat translations
```