LAB 1: Basic Networking

Objective:

The objective of this lab is for the student to demonstrate an understanding of the basic functions of networking equipment.

Requirements:

For each of the following questions, answer how the information is obtained and what device it is obtained from in a basic network topology.

1. The IP Address of a PC on the network
2. Whom or what provided the IP Address
3. The MAC Address of the PC on a network
4. Whom or what provided the MAC Address
5. The type of cabling needed in the network
6. What type of network connection has been made

In the following diagram, indicate each of the components (OK to reference by number, do not need to change image).