

# Basic Network Diagram with Modem & Router

A basic network diagram shows a router with a built-in modem and access point connected to devices via Ethernet cables and Wi-Fi, providing internet access. This setup uses a router provided by the ISP, which may have security concerns.

**A basic home network typically consists of:**

- 1. Router:** Directs traffic between devices and the internet.
- 2. Modem:** Connects to the ISP and provides internet access.
- 3. Devices:** Computers, smartphones, laptops, and smart home devices.
- 4. Switch:** Expands the network, allowing more devices to connect via Ethernet.
- 5. Access Point:** Extends Wi-Fi coverage.

