**Static Addresses**

Static addresses are assigned at the device level, and each device is manually configured with a static IP address. There is no central authority to manage static IP addresses. Therefore, making changes to static IP addresses can be cumbersome.

**Dynamic Addresses**

Dynamic addresses are assigned dynamically from a central system by using a Dynamic Host Configuration Protocol (DHCP) system. In dynamic addresses, IP addresses are assigned for a specific time period and devices may acquire different addresses. One of the disadvantages is that an attacker may be able to get an IP address by using DHCP.