

Static versus Dynamic IP Address Assignment

Static

- IP Address is Manually Configured
- It Doesn't Change
- Commonly Used:
 - DNS Servers
 - Web Servers
 - Network Printers
 - Default Gateway (Router)

Dynamic

- IP Address is Dynamically Configured
 - DHCP Server
 - APIPA
 - Stateless Auto-Configuration
- Commonly used for end-user devices that don't require a static IP address.