Initial Switch Configuration

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| Command | Description |
| **configure terminal** | enters global configuration mode from privileged EXEC mode |
| **copy running-config startup-config** | saves the configuration file |
| **enable** | enters privileged EXEC mode |
| **enable password** *[password]* | sets the enable password |
| **enable secret** *[password]* | sets the enable secret password |
| **end** | ends and exits configuration mode |
| **hostname** *[hostname]* | sets the device name |
| **interface** *[type - number]*i.e. fastethernet 0/0 | changes from global configuration mode to interface configuration mode |
| **ip address** *[ip-address subnet mask]* | assigns an IP address and subnet mask to an interface |
| **ip default-gateway** *[ip-address]* | configures a default gateway IP address to which traffic destined to remote networks will be forwarded |
| **line vty 0 15** | enters configuration mode for the specified virtual terminal (Telnet) lines |
| **password** *[password]* | specifies the password that is required for a user to log in |
| **ping** *[ip-address]* | sends an Internet Control Message Protocol (ICMP) echo request to the specified address |
| **reload**  | reboots the switch |
| **show ip interface brief** | displays a brief summary of interface status and configuration |
| **show startup-config** | displays the backup configuration file |
| **shutdown, no shutdown** | disables an interface; enables an interface |