# Addressing Table

| Device | Interface | Device Type  (router, switch, host) | IP Address | Subnet Mask | Default Gateway |
| --- | --- | --- | --- | --- | --- |
| PC1 | NIC | Host | 192.168.1.2 | 255.255.255.0 | 192.168.1.1 |
| PC2 | NIC | Host | 192.168.0.2 | 255.255.255.0 | 192.168.0.1 |
| PC3 | NIC | Host | 192.168.3.2 | 255.255.255.0 | 192.168.3.1 |
| PC4 | NIC | Host | 192.168.4.2 | 255.255.255.0 | 192.168.4.1 |
| PC5 | NIC | Host | 192.168.5.2 | 255.255.255.0 | 192.168.5.1 |
| PC6 | NIC | Host | 192.168.5.3 | 255.255.255.0 | 192.168.5.1 |
| PC7 | NIC | Host | 192.168.6.2 | 255.255.255.0 | 192.168.6.1 |
| Core\_SW | G1/0/3 | Switch | 10.0.0.18 | N/A | N/A |
| Core\_SW | G1/0/1 | Switch | 10.0.0.2 | N/A | N/A |
| Core\_SW | G1/0/2 | Switch | 10.0.0.6 | N/A | N/A |
| Core\_SW | G1/0/4 | Switch | 10.0.0.10 | N/A | N/A |
| Core\_SW | G1/0/5 | Switch | 10.0.0.14 | N/A | N/A |
| MY\_RT | G0/0 | Router | 10.0.0.1 | 255.255.255.255 | N/A |
| PH\_RT | G0/1 | Router | 10.0.0.9 | 255.255.255.255 | N/A |
| CN\_RT | G0/0 | Router | 10.0.0.13 | 255.255.255.255 | N/A |
| SG\_RT | G0/0 | Router | 10.0.0.5 | 255.255.255.255 | N/A |
| ID\_RT | G0/0 | Router | 10.0.0.17 | 255.255.255.255 | N/A |
| MY\_SW | VLAN1 | Switch | 192.168.0.254 | 255.255.255.255 | N/A |
| PH\_SW | VLAN1 | Switch | 192.168.5.254 | 255.255.255.255 | N/A |
| CH\_SW | VLAN1 | Switch | 192.168.6.254 | 255.255.255.255 | N/A |
| SG\_SW1 | VLAN1 | Switch | 192.168.4.254 | 255.255.255.255 | N/A |
| SG\_SW | VLAN1 | Switch | 192.168.3.254 | 255.255.255.255 | N/A |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

# Network Topology

Please provide a drawing of the network topology showing how all the end devices and intermediary network devices are connected to each other. Please include the followings in the drawing: -

1. Device name
2. Interface name

**Sample drawing provided here**

A diagram of a network

Description automatically generated