| Sl. | Device | Interface | IP address | Subnet Mask | Default Gateway |
| --- | --- | --- | --- | --- | --- |
| 1 | Wind | Fa5/0 | 192.168.0.1 | 255.255.252.0 | N/A |
|  |  | Se2/0 | 192.168.8.145 | 255.255.255.252 | N/A |
|  |  | Se0/0 | 192.168.8.149 | 255.255.255.252 | N/A |
|  |  | Se1/0 | 192.168.8.141 | 255.255.255.252 | N/A |
|  | PC\_wi | N/A | Dynamic | 255.255.252.0 | 192.168.0.1 |
|  | Printer\_wi | N/A | 192.168.0.2 | 255.255.255.0 | 192.168.0.1 |
| 2 | Speed | Se0/0 | 192.168.8.146 | 255.255.255.252 | N/A |
|  |  | Fa5/0 | 192.168.4.1 | 255.255.254.0 | N/A |
|  | PC\_s | N/A | 192.168.4.2 | 255.255.254.0 | 192.168.4.1 |
|  | Printer\_s | N/A | 192.168.4.3 | 255.255.254.0 | 192.168.4.1 |
| 3 | Intel | Fa5/0 | 192.168.8.1 | 255.255.255.192 | N/A |
|  |  | Se0/0 | 192.168.8.142 | 255.255.255.252 | N/A |
|  | PC\_i | N/A | Dynamic | 255.255.255.192 | 192.168.8.1 |
|  | Printer\_i | N/A | 19.168.8.2 | 255.255.255.192 | 192.168.8.1 |
|  | Mail\_i | N/A | 198.168.8.3 | 255.225.255.192 | 192.168.8.1 |
| 4 | Fire | Se0/0 | 192.168.8.134 | 255.255.255.252 | N/A |
|  |  | Se1/0 | 192.168.8.129 | 255.255.255.252 | N/A |
|  |  | Se2/0 | 192.168.8.13 | 255.255.255.252 | N/A |
|  |  | Fa9/0 | 192.168.7.1 | 255.255.255.0 | N/A |
|  | PC\_f | N/A | Dynamic | 255.255.255.0 | 192.168.7.1 |
|  | Printer\_f | N/A | 192.168.7.2 | 255.255.255.0 | 192.168.7.1 |
| 5 | Water | Se0/0 | 192.168.8.134 | 255.255.255.252 | N/A |
|  |  | Se1/0 | 192.168.8.137 | 255.255.255.252 | N/A |
|  |  | Fa5/0 | 192.168.8.65 | 255.255.255.192 | N/A |
|  | PC\_w | N/A | 192.168.8.69 | 255.255.255.192 | 192.168.8.65 |
|  | Printer\_w | N/A | 192.168.8.70 | 255.255.255.192 | 192.168.8.65 |
|  | DNS | N/A | 192.168.8.68 | 255.255.255.192 | 192.168.8.65 |
|  | Web | N/A | 192.168.8.67 | 255.255.255.192 | 192.168.8.65 |
|  | DHCP | N/A | 192.168.8.66 | 255.255.255.192 | 192.168.8.65 |
| 6 | Mind | Se0/0 | 192.168.8.130 | 255.255.255.252 | N/A |
|  |  | Se1/0 | 192.168.8.138 | 255.255.255.252 | N/A |
|  |  | Fa5/0 | 192.168.6.1 | 255.255.255.0 | N/A |
|  | PC\_m | N/A | Dynamic | 255.255.255.0 | 192.168.6.1 |
|  | Printer\_m | N/A | 192.168.6.2 | 255.255.255.0 | 192.168.6.1 |

Assumptions:

Dynamic:fire,intel,speed

Static: wind,water,mind

Administrative distance:200

Default router: Speed router

Floating route/backup route:Fire-mind

Main route: Mind-water-fire