**Addressing Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Device** | **Interface** | **Switch Port** | **IP Address** | **Subnet Mask** | **Default Gateway** |
| PC1 | - | Fa0/2 | 192.168.20.11 | 255.255.255.0 | 192.168.20.1 |
| PC2 | - | Fa0/4 | 192.168.20.12 | 255.255.255.0 | 192.168.20.1 |
| PC3 | - | Fa0/6 | 192.168.20.13 | 255.255.255.0 | 192.168.20.1 |
| PC4 | - | Fa0/8 | 192.168.20.14 | 255.255.255.0 | 192.168.20.1 |
| PC5 | - | Fa0/10 | 192.168.20.15 | 255.255.255.0 | 192.168.20.1 |
| PC6 | - | Fa0/12 | 192.168.20.16 | 255.255.255.0 | 192.168.20.1 |
| PC7 | - | Fa0/10 | 192.168.20.17 | 255.255.255.0 | 192.168.20.1 |
| PC8 | - | Fa0/6 | 192.168.20.18 | 255.255.255.0 | 192.168.20.1 |
| PC9 | - | Fa0/4 | 192.168.20.19 | 255.255.255.0 | 192.168.20.1 |
| PC10 | - | Fa0/2 | 192.168.20.20 | 255.255.255.0 | 192.168.20.1 |
| Laptop1 | - | Fa0/12 | 192.168.20.21 | 255.255.255.0 | 192.168.20.1 |
| Laptop2 | - | Fa0/8 | 192.168.20.22 | 255.255.255.0 | 192.168.20.1 |
| AdminPC | - | Fa0/4 | 192.168.99.1 | 255.255.255.0 | 192.168.20.1 |
| S1 | VLAN20 | Fa0/1 | 192.168.20.5 | 255.255.255.0 | 192.168.20.1 |
| S2 | VLAN20 | Fa0/1 | 192.168.20.5 | 255.255.255.0 | 192.168.20.1 |
| S3 | VLAN20 | Fa0/1 | 192.168.20.5 | 255.255.255.0 | 192.168.20.1 |
| R1 | VLAN20 | Fa0/0 | 192.168.20.1 | 255.255.255.0 | 192.168.20.1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DHCP Pool Name** | **DHCP Pool Size** | **Starting IP Address** | **Subnet**  **Mask** | **Default Gateway** |
| Building1 | 100 | 192.168.20.10 | 255.255.255.0 | 192.168.20.1 |

|  |  |  |
| --- | --- | --- |
| **VTP Domain Name** | **Switch Name** | **VTP Mode** |
| BUILDING1 | S1 | Server |
| BUILDING1 | S2 | Client |
| BUILDING1 | S3 | Client |

**Legend**

|  |  |  |  |
| --- | --- | --- | --- |
| **Icon** | **Device** | **Hostname** | **Room Code** |