|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Device** | **Interface** | **IP Address** | **Subnet Mask** | **Default Gateway** |
| R1 | G0/0 | 192.168.10.1 | 255.255.255.0 | N/A |
| R1 | G0/1 | 192.168.11.1 | 255.255.255.0 | N/A |
| S1 | VLAN 1 | 192.168.10.2 | 255.255.255.0 | 192.168.10.1 |
| S2 | VLAN 1 | 192.168.11.2 | 255.255.255.0 | 192.168.11.1 |
| PC1 | NIC | 192.168.10.10 | 255.255.255.0 | 192.168.10.1 |
| PC2 | NIC | 192.168.10.11 | 255.255.255.0 | 192.168.10.1 |
| PC3 | NIC | 192.168.11.10 | 255.255.255.0 | 192.168.11.1 |
| PC4 | NIC | 192.168.11.11 | 255.255.255.0 | 192.168.11.1 |

No defalt gateway for s1

No ip address of s2

Pc 1 ip address wrong

Pc4 defalt gateway wrong

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Test** | **Successful?** | **Issues** | **Solution** | **Verified** |
| PC1 to PC2 | No | IP address on PC1 | Change PC1 IP address | fix |
| PC1 to S1 | No | IP address on PC1 | Change PC1 IP address | fix |
| PC1 to R1 | No | IP address on PC1 | Change PC1 IP address | fix |
| PC2 to R1 | Yes |  |  |  |
| PC3 to R1 | Yes |  |  |  |
| PC4 to R1 | Yes |  |  |  |
| PC1 to S2 | No | Ip address on S2 | Set IP address |  |
| PC1 to PC4 | No | Default gateway | Fix the Address | fix |
| PC3 to PC4 | Yes |  |  |  |