Packet Tracer – QUIZ Configuring OSPFv2 in a Single Area

Topology



1. Addressing Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Device | Interface | IP Address | Subnet Mask | Default Gateway |
| R1 | Fa0/0 | 172.16.1.1 | 255.255.255.0 | N/A |
| S2/0 | 172.16.3.1 | 255.255.255.252 | N/A |
| S3/0 | 192.168.10.5 | 255.255.255.252 | N/A |
| R2 | Fa0/0 | 172.16.2.1 | 255.255.255.0 | N/A |
| S2/0 | 172.16.3.2 | 255.255.255.252 | N/A |
| S3/0 | 192.168.10.9 | 255.255.255.252 | N/A |
| R3 | Fa0/0 | 192.168.1.1 | 255.255.255.0 | N/A |
| S2/0 | 192.168.10.6 | 255.255.255.252 | N/A |
| S3/0 | 192.168.10.10 | 255.255.255.252 | N/A |
| PC1 | NIC | 172.16.1.2 | 255.255.255.0 | 172.16.1.1 |
| PC2 | NIC | 172.16.2.2 | 255.255.255.0 | 172.16.2.1 |
| PC3 | NIC | 192.168.1.2 | 255.255.255.0 | 192.168.1.1 |

1. Objectives

Part 1: Configure OSPFv2 Routing

Part 2: Verify the Configurations