**CO323 - LAB 01 - Exercise**

|  |  |  |  |
| --- | --- | --- | --- |
| **Source VLAN** | **Destination VLAN** | **Route** | **Round Trip Time** |
| 10 | 20 | 1 1 ms 0 ms 0 ms 192.168.100.1  2 1 ms 0 ms 0 ms 192.168.10.2 | 3 ms |
| 10 | 30 | 1 0 ms 20 ms 0 ms 192.168.100.1  2 0 ms 10 ms 0 ms 192.168.20.2 | 2 ms |
| 10 | 40 | 1 1 ms 0 ms 0 ms 192.168.100.1  2 10 ms 14 ms 0 ms 192.168.30.2 | 0 ms |
| 10 | 50 | 1 0 ms 0 ms 0 ms 192.168.100.1  2 0 ms 0 ms 0 ms 192.168.200.2 | 2 ms |
| 10 | 60 | 1 0 ms 0 ms 0 ms 192.168.100.1  2 0 ms 11 ms 10 ms 192.168.50.2 | 1 ms |
| 10 | 70 | 1 1 ms 0 ms 0 ms 192.168.100.1  2 1 ms 12 ms 0 ms 192.168.2.2  3 0 ms 0 ms 11 ms 192.168.70.2 | 5 ms |
| 10 | 80 | 1 12 ms 14 ms 0 ms 192.168.100.1  2 12 ms 0 ms 11 ms 192.168.2.2  3 10 ms 11 ms 2 ms 192.168.80.2 | 0 ms |
| 10 | 90 | 1 1 ms 0 ms 0 ms 192.168.100.1  2 12 ms 12 ms 0 ms 192.168.2.2  3 0 ms 13 ms 0 ms 192.168.4.2  4 13 ms 1 ms 11 ms 192.168.90.2 | 3 ms |
| 10 | 100 | 1 0 ms 0 ms 0 ms 192.168.100.1  2 12 ms 8 ms 6 ms 192.168.2.2  3 10 ms 0 ms 0 ms 192.168.4.2  4 12 ms 0 ms 29 ms 192.168.101.2 | 6 ms |
| 20 | 10 | 1 0 ms 1 ms 0 ms 192.168.10.1  2 16 ms 0 ms 12 ms 192.168.100.2 | 0 ms |
| 20 | 30 | 1 1 ms 0 ms 0 ms 192.168.10.1  2 12 ms 0 ms 0 ms 192.168.20.2 | 5 ms |
| 20 | 40 | 1 0 ms 0 ms 0 ms 192.168.10.1  2 13 ms 0 ms 12 ms 192.168.30.2 | 5 ms |
| 20 | 50 | 1 1 ms 0 ms 0 ms 192.168.10.1  2 11 ms 0 ms 0 ms 192.168.200.2 | 5 ms |
| 20 | 60 | 1 1 ms 11 ms 0 ms 192.168.10.1  2 0 ms 0 ms 15 ms 192.168.50.2 | 3 ms |
| 20 | 70 | 1 1 ms 0 ms 1 ms 192.168.10.1  2 0 ms 11 ms 0 ms 192.168.2.2  3 0 ms 0 ms 13 ms 192.168.70.2 | 3 ms |
| 20 | 80 | 1 1 ms 1 ms 0 ms 192.168.10.1  2 0 ms 0 ms 0 ms 192.168.2.2  3 0 ms 10 ms 0 ms 192.168.80.2 | 1 ms |
| 20 | 90 | 1 1 ms 0 ms 0 ms 192.168.10.1  2 12 ms 7 ms 11 ms 192.168.2.2  3 0 ms 15 ms 14 ms 192.168.4.2  4 0 ms 11 ms 0 ms 192.168.90.2 | 6 ms |
| 20 | 100 | 1 1 ms 0 ms 0 ms 192.168.10.1  2 13 ms 11 ms 0 ms 192.168.2.2  3 0 ms 0 ms 0 ms 192.168.4.2  4 12 ms 1 ms 38 ms 192.168.101.2 | 3 ms |
| 30 | 10 | 1 1 ms 0 ms 0 ms 192.168.20.1  2 0 ms 11 ms 13 ms 192.168.100.2 | 3 ms |
| 30 | 20 | 1 1 ms 0 ms 0 ms 192.168.20.1  2 0 ms 11 ms 13 ms 192.168.100.2 | 5 ms |
| 30 | 40 | 1 1 ms 0 ms 1 ms 192.168.20.1  2 14 ms 14 ms 12 ms 192.168.30.2 | 2 ms |
| 30 | 50 | 1 0 ms 3 ms 0 ms 192.168.20.1  2 11 ms 11 ms 10 ms 192.168.200.2 | 0 ms |
| 30 | 60 | 1 0 ms 1 ms 0 ms 192.168.20.1  2 11 ms 0 ms 0 ms 192.168.50.2 | 3 ms |
| 30 | 70 | 1 0 ms 0 ms 0 ms 192.168.20.1  2 1 ms 1 ms 10 ms 192.168.2.2  3 11 ms 0 ms 11 ms 192.168.70.2 | 0 ms |
| 30 | 80 | 1 1 ms 1 ms 0 ms 192.168.20.1  2 13 ms 1 ms 0 ms 192.168.2.2  3 11 ms 2 ms 0 ms 192.168.80.2 | 0 ms |
| 30 | 90 | 1 1 ms 0 ms 1 ms 192.168.20.1  2 0 ms 0 ms 12 ms 192.168.2.2  3 10 ms 24 ms 1 ms 192.168.4.2  4 10 ms 1 ms 28 ms 192.168.90.2 | 5 ms |
| 30 | 100 | 1 1 ms 0 ms 1 ms 192.168.20.1  2 0 ms 0 ms 0 ms 192.168.2.2  3 0 ms 0 ms 0 ms 192.168.4.2  4 33 ms 1 ms 13 ms 192.168.101.2 | 5 ms |
| 40 | 10 | 1 0 ms 0 ms 0 ms 192.168.30.1  2 1 ms 13 ms 10 ms 192.168.100.2 | 3 ms |
| 40 | 20 | 1 1 ms 0 ms 0 ms 192.168.30.1  2 1 ms 12 ms 13 ms 192.168.10.2 | 2 ms |
| 40 | 30 | 1 1 ms 0 ms 0 ms 192.168.30.1  2 12 ms 12 ms 10 ms 192.168.20.2 | 6 ms |
| 40 | 50 | 1 1 ms 0 ms 0 ms 192.168.30.1  2 0 ms 0 ms 15 ms 192.168.200.2 | 5 ms |
| 40 | 60 | 1 0 ms 0 ms 0 ms 192.168.30.1  2 0 ms 11 ms 11 ms 192.168.50.2 | 3 ms |
| 40 | 70 | 1 1 ms 0 ms 0 ms 192.168.30.1  2 8 ms 11 ms 0 ms 192.168.2.2  3 13 ms 1 ms 16 ms 192.168.70.2 | 4 ms |
| 40 | 80 | 1 2 ms 1 ms 1 ms 192.168.30.1  2 0 ms 0 ms 0 ms 192.168.2.2  3 11 ms 23 ms 11 ms 192.168.80.2 | 5 ms |
| 40 | 90 | 1 0 ms 1 ms 0 ms 192.168.30.1  2 0 ms 0 ms 10 ms 192.168.2.2  3 0 ms 14 ms 14 ms 192.168.4.2  4 14 ms 13 ms 0 ms 192.168.90.2 | 5 ms |
| 40 | 100 | 1 1 ms 0 ms 0 ms 192.168.30.1  2 0 ms 0 ms 10 ms 192.168.2.2  3 1 ms 0 ms 13 ms 192.168.4.2  4 11 ms 13 ms 11 ms 192.168.101.2 | 11 ms |
| 50 | 10 | 1 0 ms 0 ms 3 ms 192.168.200.1  2 0 ms 13 ms 0 ms 192.168.100.2 | 4 ms |
| 50 | 20 | 1 1 ms 1 ms 0 ms 192.168.200.1  2 19 ms 10 ms 0 ms 192.168.10.2 | 6 ms |
| 50 | 30 | 1 1 ms 10 ms 0 ms 192.168.200.1  2 0 ms 14 ms 0 ms 192.168.20.2 | 3 ms |
| 50 | 40 | 1 1 ms 0 ms 2 ms 192.168.200.1  2 14 ms 0 ms 13 ms 192.168.30.2 | 6 ms |
| 50 | 60 | 1 0 ms 0 ms 0 ms 192.168.200.1  2 11 ms 0 ms 11 ms 192.168.50.2 | 8 ms |
| 50 | 70 | 1 1 ms 0 ms 0 ms 192.168.200.1  2 0 ms 0 ms 0 ms 192.168.2.2  3 0 ms 12 ms 11 ms 192.168.70.2 | 7 ms |
| 50 | 80 | 1 0 ms 0 ms 0 ms 192.168.200.1  2 0 ms 0 ms 0 ms 192.168.2.2  3 15 ms 0 ms 14 ms 192.168.80.2 | 3 ms |
| 50 | 90 | 1 1 ms 0 ms 0 ms 192.168.200.1  2 0 ms 1 ms 0 ms 192.168.2.2  3 14 ms 1 ms 0 ms 192.168.4.2  4 11 ms 12 ms 11 ms 192.168.90.2 | 8 ms |
| 50 | 100 | 1 1 ms 0 ms 3 ms 192.168.200.1  2 0 ms 0 ms 0 ms 192.168.2.2  3 14 ms 12 ms 0 ms 192.168.4.2  4 11 ms 1 ms 0 ms 192.168.101.2 | 9 ms |
| 60 | 10 | 1 0 ms 3 ms 0 ms 192.168.50.1  2 13 ms 0 ms 0 ms 192.168.100.2 | 3 ms |
| 60 | 20 | 1 1 ms 0 ms 0 ms 192.168.50.1  2 17 ms 12 ms 0 ms 192.168.10.2 | 3 ms |
| 60 | 30 | 1 1 ms 1 ms 0 ms 192.168.50.1  2 0 ms 0 ms 1 ms 192.168.20.2 | 5 ms |
| 60 | 40 | 1 0 ms 0 ms 0 ms 192.168.50.1  2 4 ms 12 ms 0 ms 192.168.30.2 | 4 ms |
| 60 | 50 | 1 1 ms 0 ms 0 ms 192.168.50.1  2 0 ms 0 ms 14 ms 192.168.200.2 | 5 ms |
| 60 | 70 | 1 0 ms 0 ms 0 ms 192.168.50.1  2 0 ms 0 ms 0 ms 192.168.2.2  3 0 ms 0 ms 1 ms 192.168.70.2 | 3 ms |
| 60 | 80 | 1 0 ms 13 ms 0 ms 192.168.50.1  2 0 ms 10 ms 0 ms 192.168.2.2  3 1 ms 0 ms 0 ms 192.168.80.2 | 6 ms |
| 60 | 90 | 1 0 ms 0 ms 0 ms 192.168.50.1  2 0 ms 10 ms 0 ms 192.168.2.2  3 0 ms 0 ms 0 ms 192.168.4.2  4 0 ms 21 ms 0 ms 192.168.90.2 | 8 ms |
| 60 | 100 | 1 0 ms 0 ms 0 ms 192.168.50.1  2 0 ms 0 ms 0 ms 192.168.2.2  3 11 ms 0 ms 14 ms 192.168.4.2  4 1 ms 16 ms 12 ms 192.168.101.2 | 5 ms |
| 70 | 10 | 1 1 ms 0 ms 0 ms 192.168.70.1  2 0 ms 10 ms 1 ms 192.168.2.1  3 11 ms 14 ms 11 ms 192.168.100.2 | 9 ms |
| 70 | 20 | 1 1 ms 0 ms 0 ms 192.168.70.1  2 10 ms 0 ms 0 ms 192.168.2.1  3 10 ms 11 ms 0 ms 192.168.10.2 | 6 ms |
| 70 | 30 | 1 1 ms 0 ms 0 ms 192.168.70.1  2 0 ms 0 ms 0 ms 192.168.2.1  3 12 ms 0 ms 11 ms 192.168.20.2 | 3 ms |
| 70 | 40 | 1 0 ms 10 ms 0 ms 192.168.70.1  2 0 ms 10 ms 10 ms 192.168.2.1  3 10 ms 11 ms 11 ms 192.168.30.2 | 5 ms |
| 70 | 50 | 1 0 ms 0 ms 0 ms 192.168.70.1  2 10 ms 0 ms 9 ms 192.168.2.1  3 0 ms 14 ms 13 ms 192.168.200.2 | 5 ms |
| 70 | 60 | 1 1 ms 0 ms 0 ms 192.168.70.1  2 0 ms 10 ms 0 ms 192.168.2.1  3 11 ms 0 ms 12 ms 192.168.50.2 | 6 ms |
| 70 | 80 | 1 0 ms 0 ms 0 ms 192.168.70.1  2 12 ms 11 ms 0 ms 192.168.80.2 | 5 ms |
| 70 | 90 | 1 1 ms 0 ms 0 ms 192.168.70.1  2 0 ms 0 ms 0 ms 192.168.4.2  3 0 ms 0 ms 14 ms 192.168.90.2 | 3 ms |
| 70 | 100 | 1 1 ms 3 ms 0 ms 192.168.70.1  2 0 ms 0 ms 0 ms 192.168.4.2  3 0 ms 10 ms 14 ms 192.168.101.2 | 0 ms |
| 80 | 10 | 1 1 ms 0 ms 0 ms 192.168.80.1  2 11 ms 0 ms 0 ms 192.168.2.1  3 11 ms 13 ms 0 ms 192.168.100.2 | 7 ms |
| 80 | 20 | 1 1 ms 0 ms 0 ms 192.168.80.1  2 0 ms 14 ms 0 ms 192.168.2.1  3 11 ms 11 ms 12 ms 192.168.10.2 | 5 ms |
| 80 | 30 | 1 1 ms 0 ms 0 ms 192.168.80.1  2 0 ms 10 ms 0 ms 192.168.2.1  3 0 ms 11 ms 0 ms 192.168.20.2 | 0 ms |
| 80 | 40 | 1 1 ms 0 ms 0 ms 192.168.80.1  2 0 ms 0 ms 0 ms 192.168.2.1  3 10 ms 0 ms 0 ms 192.168.30.2 | 3 ms |
| 80 | 50 | 1 1 ms 0 ms 0 ms 192.168.80.1  2 10 ms 0 ms 0 ms 192.168.2.1  3 1 ms 0 ms 11 ms 192.168.200.2 | 7 ms |
| 80 | 60 | 1 1 ms 16 ms 0 ms 192.168.80.1  2 0 ms 0 ms 0 ms 192.168.2.1  3 0 ms 12 ms 13 ms 192.168.50.2 | 6 ms |
| 80 | 70 | 1 1 ms 5 ms 0 ms 192.168.80.1  2 0 ms 11 ms 0 ms 192.168.70.2 | 8 ms |
| 80 | 90 | 1 1 ms 0 ms 0 ms 192.168.80.1  2 0 ms 0 ms 0 ms 192.168.4.2  3 14 ms 15 ms 12 ms 192.168.90.2 | 3 ms |
| 80 | 100 | 1 1 ms 0 ms 0 ms 192.168.80.1  2 2 ms 0 ms 0 ms 192.168.4.2  3 14 ms 11 ms 15 ms 192.168.101.2 | 6 ms |
| 90 | 10 | 1 1 ms 0 ms 0 ms 192.168.90.1  2 0 ms 1 ms 0 ms 192.168.4.1  3 14 ms 13 ms 13 ms 192.168.2.1  4 25 ms 27 ms 12 ms 192.168.100.2 | 9 ms |
| 90 | 20 | 1 1 ms 0 ms 0 ms 192.168.90.1  2 11 ms 0 ms 0 ms 192.168.4.1  3 21 ms 14 ms 14 ms 192.168.2.1  4 15 ms 0 ms 14 ms 192.168.10.2 | 7 ms |
| 90 | 30 | 1 1 ms 0 ms 0 ms 192.168.90.1  2 10 ms 0 ms 8 ms 192.168.4.1  3 11 ms 2 ms 14 ms 192.168.2.1  4 13 ms 10 ms 0 ms 192.168.20.2 | 3 ms |
| 90 | 40 | 1 0 ms 0 ms 0 ms 192.168.90.1  2 0 ms 10 ms 0 ms 192.168.4.1  3 0 ms 14 ms 13 ms 192.168.2.1  4 13 ms 12 ms 11 ms 192.168.30.2 | 7 ms |
| 90 | 50 | 1 1 ms 0 ms 0 ms 192.168.90.1  2 0 ms 0 ms 0 ms 192.168.4.1  3 22 ms 0 ms 0 ms 192.168.2.1  4 12 ms 12 ms 13 ms 192.168.200.2 | 9 ms |
| 90 | 60 | 1 0 ms 0 ms 0 ms 192.168.90.1  2 0 ms 10 ms 0 ms 192.168.4.1  3 14 ms 11 ms 15 ms 192.168.2.1  4 15 ms 12 ms 11 ms 192.168.50.2 | 7 ms |
| 90 | 70 | 1 1 ms 0 ms 0 ms 192.168.90.1  2 0 ms 0 ms 0 ms 192.168.4.1  3 0 ms 14 ms 16 ms 192.168.70.2 | 4 ms |
| 90 | 80 | 1 1 ms 0 ms 0 ms 192.168.90.1  2 13 ms 0 ms 0 ms 192.168.4.1  3 13 ms 11 ms 1 ms 192.168.80.2 | 5 ms |
| 90 | 100 | 1 1 ms 0 ms 0 ms 192.168.90.1  2 11 ms 11 ms 10 ms 192.168.101.2 | 4 ms |
| 100 | 10 | 1 1 ms 0 ms 0 ms 192.168.101.1  2 0 ms 0 ms 0 ms 192.168.4.1  3 15 ms 14 ms 13 ms 192.168.2.1  4 11 ms 13 ms 13 ms 192.168.100.2 | 9 ms |
| 100 | 20 | 1 1 ms 0 ms 0 ms 192.168.101.1  2 0 ms 10 ms 17 ms 192.168.4.1  3 14 ms 1 ms 14 ms 192.168.2.1  4 21 ms 0 ms 10 ms 192.168.10.2 | 11 ms |
| 100 | 30 | 1 1 ms 1 ms 0 ms 192.168.101.1  2 0 ms 24 ms 10 ms 192.168.4.1  3 18 ms 0 ms 14 ms 192.168.2.1  4 22 ms 12 ms 12 ms 192.168.20.2 | 3 ms |
| 100 | 40 | 1 1 ms 0 ms 0 ms 192.168.101.1  2 11 ms 0 ms 10 ms 192.168.4.1  3 12 ms 15 ms 14 ms 192.168.2.1  4 10 ms 0 ms 13 ms 192.168.30.2 | 11 ms |
| 100 | 50 | 1 1 ms 0 ms 0 ms 192.168.101.1  2 0 ms 11 ms 0 ms 192.168.4.1  3 13 ms 14 ms 12 ms 192.168.2.1  4 21 ms 19 ms 12 ms 192.168.200.2 | 9 ms |
| 100 | 60 | 1 1 ms 0 ms 0 ms 192.168.101.1  2 0 ms 0 ms 10 ms 192.168.4.1  3 14 ms 14 ms 11 ms 192.168.2.1  4 21 ms 11 ms 12 ms 192.168.50.2 | 3 ms |
| 100 | 70 | 1 1 ms 0 ms 0 ms 192.168.101.1  2 0 ms 0 ms 0 ms 192.168.4.1  3 27 ms 15 ms 13 ms 192.168.70.2 | 3 ms |
| 100 | 80 | 1 2 ms 0 ms 1 ms 192.168.101.1  2 11 ms 10 ms 14 ms 192.168.4.1  3 13 ms 12 ms 0 ms 192.168.80.2 | 7 ms |
| 100 | 90 | 1 1 ms 0 ms 0 ms 192.168.101.1  2 12 ms 10 ms 10 ms 192.168.90.2 | 0 ms |