

### 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	6 ms

		4	0 ms	11 ms	0 ms	192.168.90.2	
20	100	1	1 ms	0 ms	0 ms	192.168.10.1	3 ms
		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	
30	10	1	1 ms	0 ms	0 ms	192.168.20.1	3 ms
		2	0 ms	11 ms	13 ms	192.168.100.2	
30	20	1	1 ms	0 ms	0 ms	192.168.20.1	5 ms
		2	0 ms	11 ms	13 ms	192.168.100.2	
30	40	1	1 ms	0 ms	1 ms	192.168.20.1	2 ms
		2	14 ms	14 ms	12 ms	192.168.30.2	
30	50	1	0 ms	3 ms	0 ms	192.168.20.1	0 ms
		2	11 ms	11 ms	10 ms	192.168.200.2	
30	60	1	0 ms	1 ms	0 ms	192.168.20.1	3 ms
		2	11 ms	0 ms	0 ms	192.168.50.2	
30	70	1	0 ms	0 ms	0 ms	192.168.20.1	0 ms
		2	1 ms	1 ms	10 ms	192.168.2.2	
		3	11 ms	0 ms	11 ms	192.168.70.2	
30	80	1	1 ms	1 ms	0 ms	192.168.20.1	0 ms
		2	13 ms	1 ms	0 ms	192.168.2.2	
		3	11 ms	2 ms	0 ms	192.168.80.2	
30	90	1	1 ms	0 ms	1 ms	192.168.20.1	5 ms
		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	
30	100	1	1 ms	0 ms	1 ms	192.168.20.1	5 ms
		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	
40	10	1	0 ms	0 ms	0 ms	192.168.30.1	3 ms
		2	1 ms	13 ms	10 ms	192.168.100.2	
40	20	1	1 ms	0 ms	0 ms	192.168.30.1	2 ms
		2	1 ms	12 ms	13 ms	192.168.10.2	
40	30	1	1 ms	0 ms	0 ms	192.168.30.1	6 ms
		2	12 ms	12 ms	10 ms	192.168.20.2	
40	50	1	1 ms	0 ms	0 ms	192.168.30.1	5 ms
		2	0 ms	0 ms	15 ms	192.168.200.2	
40	60	1	0 ms	0 ms	0 ms	192.168.30.1	3 ms
		2	0 ms	11 ms	11 ms	192.168.50.2	
40	70	1	1 ms	0 ms	0 ms	192.168.30.1	4 ms
		2	8 ms	11 ms	0 ms	192.168.2.2	
		3	13 ms	1 ms	16 ms	192.168.70.2	
40	80	1	2 ms	1 ms	1 ms	192.168.30.1	5 ms
		2	0 ms	0 ms	0 ms	192.168.2.2	
		3	11 ms	23 ms	11 ms	192.168.80.2	
40	90	1	0 ms	1 ms	0 ms	192.168.30.1	5 ms
		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	
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	8 ms

		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	
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	7 ms

		3	1 ms	0 ms	11 ms	192.168.200.2	
80	60	1	1 ms	16 ms	0 ms	192.168.80.1	6 ms
		2	0 ms	0 ms	0 ms	192.168.2.1	
		3	0 ms	12 ms	13 ms	192.168.50.2	
80	70	1	1 ms	5 ms	0 ms	192.168.80.1	8 ms
		2	0 ms	11 ms	0 ms	192.168.70.2	
80	90	1	1 ms	0 ms	0 ms	192.168.80.1	3 ms
		2	0 ms	0 ms	0 ms	192.168.4.2	
		3	14 ms	15 ms	12 ms	192.168.90.2	
80	100	1	1 ms	0 ms	0 ms	192.168.80.1	6 ms
		2	2 ms	0 ms	0 ms	192.168.4.2	
		3	14 ms	11 ms	15 ms	192.168.101.2	
90	10	1	1 ms	0 ms	0 ms	192.168.90.1	9 ms
		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	
90	20	1	1 ms	0 ms	0 ms	192.168.90.1	7 ms
		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	
90	30	1	1 ms	0 ms	0 ms	192.168.90.1	3 ms
		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	
90	40	1	0 ms	0 ms	0 ms	192.168.90.1	7 ms
		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	
90	50	1	1 ms	0 ms	0 ms	192.168.90.1	9 ms
		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	
90	60	1	0 ms	0 ms	0 ms	192.168.90.1	7 ms
		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	
90	70	1	1 ms	0 ms	0 ms	192.168.90.1	4 ms
		2	0 ms	0 ms	0 ms	192.168.4.1	
		3	0 ms	14 ms	16 ms	192.168.70.2	
90	80	1	1 ms	0 ms	0 ms	192.168.90.1	5 ms
		2	13 ms	0 ms	0 ms	192.168.4.1	
		3	13 ms	11 ms	1 ms	192.168.80.2	
90	100	1	1 ms	0 ms	0 ms	192.168.90.1	4 ms
		2	11 ms	11 ms	10 ms	192.168.101.2	
100	10	1	1 ms	0 ms	0 ms	192.168.101.1	9 ms
		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	
100	20	1	1 ms	0 ms	0 ms	192.168.101.1	11 ms
		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	
100	30	1	1 ms	1 ms	0 ms	192.168.101.1	3 ms
		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	
100	40	1	1 ms	0 ms	0 ms	192.168.101.1	11 ms
		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	
100	50	1	1 ms	0 ms	0 ms	192.168.101.1	9 ms
		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	
100	60	1	1 ms	0 ms	0 ms	192.168.101.1	3 ms
		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	
100	70	1	1 ms	0 ms	0 ms	192.168.101.1	3 ms
		2	0 ms	0 ms	0 ms	192.168.4.1	
		3	27 ms	15 ms	13 ms	192.168.70.2	
100	80	1	2 ms	0 ms	1 ms	192.168.101.1	7 ms
		2	11 ms	10 ms	14 ms	192.168.4.1	
		3	13 ms	12 ms	0 ms	192.168.80.2	
100	90	1	1 ms	0 ms	0 ms	192.168.101.1	0 ms
		2	12 ms	10 ms	10 ms	192.168.90.2	