

Enter TRACE:2

rtinit0() is called at time t=: 0.000

		via		
D0		1	2	3
-----		-----	-----	-----
1		1	999	999
dest 2		999	3	999
3		999	999	7

At time t=0.000, node 0 sends packet to node 1 with: (0 1 3 7)

At time t=0.000, node 0 sends packet to node 2 with: (0 1 3 7)

At time t=0.000, node 0 sends packet to node 3 with: (0 1 3 7)

rtinit1() is called at time t=: 0.000

		via	
D1		0	2
-----		-----	-----
0		1	999
dest 2		999	1
3		999	999

At time t=0.000, node 1 sends packet to node 0 with: (1 0 1 999)

At time t=0.000, node 1 sends packet to node 2 with: (1 0 1 999)

rtinit2() is called at time t=: 0.000

		via		
D2		0	1	3
-----		-----	-----	-----
0		3	999	999
dest 1		999	1	999
3		999	999	2

At time t=0.000, node 2 sends packet to node 0 with: (3 1 0 2)

At time t=0.000, node 2 sends packet to node 1 with: (3 1 0 2)

At time t=0.000, node 2 sends packet to node 3 with: (3 1 0 2)

rtinit3() is called at time t=: 0.000

		via	
D3		0	2
-----		-----	-----
0		7	999
dest 1		999	999
2		999	2

At time t=0.000, node 3 sends packet to node 0 with: (7 999 2 0)

At time t=0.000, node 3 sends packet to node 2 with: (7 999 2 0)

MAIN: rcv event, t=0.420, at 3 src: 0, dest: 3, contents: 0 1 3 7

rtupdate3() is called at time t=: 0.420 as node 0 sent a pkt with (0 1 3 7)

		via	
D3		0	2
-----		-----	-----
0		7	999
dest 1		8	999
2		10	2

At time t=0.420, node 3 sends packet to node 0 with: (7 8 2 0)

At time t=0.420, node 3 sends packet to node 2 with: (7 8 2 0)

MAIN: rcv event, t=0.689, at 3 src: 2, dest: 3, contents: 3 1 0 2

rtupdate3() is called at time t=: 0.689 as node 2 sent a pkt with (3 1 0 2)

		via	
D3		0	2
-----		-----	-----
0		7	5
dest 1		8	3
2		10	2

At time t=0.689, node 3 sends packet to node 0 with: (5 3 2 0)

At time t=0.689, node 3 sends packet to node 2 with: (5 3 2 0)

MAIN: rcv event, t=0.697, at 1 src: 0, dest: 1, contents: 0 1 3 7

rtupdate1() is called at time t=: 0.697 as node 0 sent a pkt with (0 1 3 7)

		via	
D1		0	2
-----		-----	-----
0		1	999

```

dest 2| 4 1
3| 8 999
At time t=0.697, node 1 sends packet to node 0 with: (1 0 1 8)
At time t=0.697, node 1 sends packet to node 2 with: (1 0 1 8)
MAIN: rcv event, t=0.980, at 0 src: 1, dest: 0, contents: 1 0 1 999
rtupdate0() is called at time t=: 0.980 as node 1 sent a pkt with (1 0 1 999)

```

```

      via
D0 | 1 2 3
----|-----
1| 1 999 999
dest 2| 2 3 999
3| 999 999 7

```

```

At time t=0.980, node 0 sends packet to node 1 with: (0 1 2 7)
At time t=0.980, node 0 sends packet to node 2 with: (0 1 2 7)
At time t=0.980, node 0 sends packet to node 3 with: (0 1 2 7)
MAIN: rcv event, t=1.270, at 2 src: 0, dest: 2, contents: 0 1 3 7
rtupdate2() is called at time t=: 1.270 as node 0 sent a pkt with (0 1 3 7)

```

```

      via
D2 | 0 1 3
----|-----
0| 3 999 999
dest 1| 4 1 999
3| 10 999 2

```

```

Minimum cost didn't change. No new packets are sent
MAIN: rcv event, t=1.532, at 1 src: 2, dest: 1, contents: 3 1 0 2
rtupdate1() is called at time t=: 1.532 as node 2 sent a pkt with (3 1 0 2)

```

```

      via
D1 | 0 2
----|-----
0| 1 4
dest 2| 4 1
3| 8 3

```

```

At time t=1.532, node 1 sends packet to node 0 with: (1 0 1 3)
At time t=1.532, node 1 sends packet to node 2 with: (1 0 1 3)
MAIN: rcv event, t=2.007, at 2 src: 1, dest: 2, contents: 1 0 1 999
rtupdate2() is called at time t=: 2.007 as node 1 sent a pkt with (1 0 1 999)

```

```

      via
D2 | 0 1 3
----|-----
0| 3 2 999
dest 1| 4 1 999
3| 10 999 2

```

```

At time t=2.007, node 2 sends packet to node 0 with: (2 1 0 2)
At time t=2.007, node 2 sends packet to node 1 with: (2 1 0 2)
At time t=2.007, node 2 sends packet to node 3 with: (2 1 0 2)
MAIN: rcv event, t=2.147, at 0 src: 2, dest: 0, contents: 3 1 0 2
rtupdate0() is called at time t=: 2.147 as node 2 sent a pkt with (3 1 0 2)

```

```

      via
D0 | 1 2 3
----|-----
1| 1 4 999
dest 2| 2 3 999
3| 999 5 7

```

```

At time t=2.147, node 0 sends packet to node 1 with: (0 1 2 5)
At time t=2.147, node 0 sends packet to node 2 with: (0 1 2 5)
At time t=2.147, node 0 sends packet to node 3 with: (0 1 2 5)
MAIN: rcv event, t=2.336, at 1 src: 0, dest: 1, contents: 0 1 2 7
rtupdate1() is called at time t=: 2.336 as node 0 sent a pkt with (0 1 2 7)

```

```

      via
D1 | 0 2
----|-----
0| 1 4
dest 2| 3 1
3| 8 3

```

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=2.786, at 3 src: 0, dest: 3, contents: 0 1 2 7
rtupdate3() is called at time t=: 2.786 as node 0 sent a pkt with (0 1 2 7)

via

D3	0	2
0	7	5
dest 1	8	3
2	9	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=3.045, at 0 src: 3, dest: 0, contents: 7 999 2 0
rtupdate0() is called at time t=: 3.045 as node 3 sent a pkt with (7 999 2 0)

via

D0	1	2	3
1	1	4	999
dest 2	2	3	9
3	999	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=3.485, at 1 src: 2, dest: 1, contents: 2 1 0 2
rtupdate1() is called at time t=: 3.485 as node 2 sent a pkt with (2 1 0 2)

via

D1	0	2
0	1	3
dest 2	3	1
3	8	3

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=3.488, at 1 src: 0, dest: 1, contents: 0 1 2 5
rtupdate1() is called at time t=: 3.488 as node 0 sent a pkt with (0 1 2 5)

via

D1	0	2
0	1	3
dest 2	3	1
3	6	3

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=3.613, at 2 src: 3, dest: 2, contents: 7 999 2 0
rtupdate2() is called at time t=: 3.613 as node 3 sent a pkt with (7 999 2 0)

via

D2	0	1	3
0	3	2	9
dest 1	4	1	999
3	10	999	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=4.725, at 3 src: 2, dest: 3, contents: 2 1 0 2
rtupdate3() is called at time t=: 4.725 as node 2 sent a pkt with (2 1 0 2)

via

D3	0	2
0	7	4
dest 1	8	3
2	9	2

At time t=4.725, node 3 sends packet to node 0 with: (4 3 2 0)

At time t=4.725, node 3 sends packet to node 2 with: (4 3 2 0)

MAIN: rcv event, t=4.940, at 0 src: 3, dest: 0, contents: 7 8 2 0
rtupdate0() is called at time t=: 4.940 as node 3 sent a pkt with (7 8 2 0)

via

D0	1	2	3
1	1	4	15
dest 2	2	3	9
3	999	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=5.234, at 2 src: 3, dest: 2, contents: 7 8 2 0
rtupdate2() is called at time t=: 5.234 as node 3 sent a pkt with (7 8 2 0)

D2	0	1	3
0	3	2	9
dest 1	4	1	10
3	10	999	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=5.264, at 0 src: 3, dest: 0, contents: 5 3 2 0
rtupdate0() is called at time t=: 5.264 as node 3 sent a pkt with (5 3 2 0)

D0	1	2	3
1	1	4	10
dest 2	2	3	9
3	999	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=6.173, at 3 src: 0, dest: 3, contents: 0 1 2 5
rtupdate3() is called at time t=: 6.173 as node 0 sent a pkt with (0 1 2 5)

D3	0	2
0	7	4
dest 1	8	3
2	9	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=6.887, at 0 src: 1, dest: 0, contents: 1 0 1 8
rtupdate0() is called at time t=: 6.887 as node 1 sent a pkt with (1 0 1 8)

D0	1	2	3
1	1	4	10
dest 2	2	3	9
3	9	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=6.921, at 0 src: 1, dest: 0, contents: 1 0 1 3
rtupdate0() is called at time t=: 6.921 as node 1 sent a pkt with (1 0 1 3)

D0	1	2	3
1	1	4	10
dest 2	2	3	9
3	4	5	7

At time t=6.921, node 0 sends packet to node 1 with: (0 1 2 4)

At time t=6.921, node 0 sends packet to node 2 with: (0 1 2 4)

At time t=6.921, node 0 sends packet to node 3 with: (0 1 2 4)

MAIN: rcv event, t=6.969, at 3 src: 0, dest: 3, contents: 0 1 2 4
rtupdate3() is called at time t=: 6.969 as node 0 sent a pkt with (0 1 2 4)

D3	0	2
0	7	4
dest 1	8	3

2| 9 2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=7.168, at 2 src: 3, dest: 2, contents: 5 3 2 0
rtupdate2() is called at time t=: 7.168 as node 3 sent a pkt with (5 3 2 0)

		via		
D2		0	1	3
----- -----				
0		3	2	7
dest 1		4	1	5
3		10	999	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=8.227, at 1 src: 0, dest: 1, contents: 0 1 2 4
rtupdate1() is called at time t=: 8.227 as node 0 sent a pkt with (0 1 2 4)

		via	
D1		0	2
----- -----			
0		1	3
dest 2		3	1
3		5	3

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=8.244, at 0 src: 2, dest: 0, contents: 2 1 0 2
rtupdate0() is called at time t=: 8.244 as node 2 sent a pkt with (2 1 0 2)

		via		
D0		1	2	3
----- -----				
1		1	4	10
dest 2		2	3	9
3		4	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=9.069, at 2 src: 1, dest: 2, contents: 1 0 1 8
rtupdate2() is called at time t=: 9.069 as node 1 sent a pkt with (1 0 1 8)

		via		
D2		0	1	3
----- -----				
0		3	2	7
dest 1		4	1	5
3		10	9	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=9.320, at 0 src: 3, dest: 0, contents: 4 3 2 0
rtupdate0() is called at time t=: 9.320 as node 3 sent a pkt with (4 3 2 0)

		via		
D0		1	2	3
----- -----				
1		1	4	10
dest 2		2	3	9
3		4	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=11.022, at 2 src: 0, dest: 2, contents: 0 1 2 7
rtupdate2() is called at time t=: 11.022 as node 0 sent a pkt with (0 1 2 7)

		via		
D2		0	1	3
----- -----				
0		3	2	7
dest 1		4	1	5
3		10	9	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=12.792, at 2 src: 1, dest: 2, contents: 1 0 1 3
rtupdate2() is called at time t=: 12.792 as node 1 sent a pkt with (1 0 1 3)

		via		
D2		0	1	3

	0	3	2	7
dest 1	1	4	1	5
	3	10	4	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=13.977, at 2 src: 0, dest: 2, contents: 0 1 2 5
rtupdate2() is called at time t=: 13.977 as node 0 sent a pkt with (0 1 2 5)

		via		
D2		0	1	3

	0	3	2	7
dest 1	1	4	1	5
	3	8	4	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=15.855, at 2 src: 3, dest: 2, contents: 4 3 2 0
rtupdate2() is called at time t=: 15.855 as node 3 sent a pkt with (4 3 2 0)

		via		
D2		0	1	3

	0	3	2	6
dest 1	1	4	1	5
	3	8	4	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=17.443, at 2 src: 0, dest: 2, contents: 0 1 2 4
rtupdate2() is called at time t=: 17.443 as node 0 sent a pkt with (0 1 2 4)

		via		
D2		0	1	3

	0	3	2	6
dest 1	1	4	1	5
	3	7	4	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=10000.000, at -1 via

D0		1	2	3

	1	20	4	10
dest 2	2	21	3	9
	3	23	5	7

At time t=10000.000, node 0 sends packet to node 1 with: (0 4 3 5)

At time t=10000.000, node 0 sends packet to node 2 with: (0 4 3 5)

At time t=10000.000, node 0 sends packet to node 3 with: (0 4 3 5)

		via	
D1		0	2

	0	20	3
dest 2	2	22	1
	3	24	3

At time t=10000.000, node 1 sends packet to node 0 with: (3 0 1 3)

At time t=10000.000, node 1 sends packet to node 2 with: (3 0 1 3)

MAIN: rcv event, t=10000.404, at 3 src: 0, dest: 3, contents: 0 4 3 5
rtupdate3() is called at time t=: 10000.404 as node 0 sent a pkt with (0 4 3 5)

		via	
D3		0	2

	0	7	4
dest 1	1	11	3
	2	10	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=10001.101, at 2 src: 0, dest: 2, contents: 0 4 3 5
 rtupdate2() is called at time t=: 10001.101 as node 0 sent a pkt with (0 4 3 5)

		via		
D2		0	1	3
----- -----				
0		3	2	6
dest 1		7	1	5
3		8	4	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=10001.105, at 2 src: 1, dest: 2, contents: 3 0 1 3
 rtupdate2() is called at time t=: 10001.105 as node 1 sent a pkt with (3 0 1 3)

		via		
D2		0	1	3
----- -----				
0		3	4	6
dest 1		7	1	5
3		8	4	2

At time t=10001.105, node 2 sends packet to node 0 with: (3 1 0 2)

At time t=10001.105, node 2 sends packet to node 1 with: (3 1 0 2)

At time t=10001.105, node 2 sends packet to node 3 with: (3 1 0 2)

MAIN: rcv event, t=10001.834, at 1 src: 0, dest: 1, contents: 0 4 3 5
 rtupdate1() is called at time t=: 10001.834 as node 0 sent a pkt with (0 4 3 5)

		via	
D1		0	2
----- -----			
0		20	3
dest 2		23	1
3		25	3

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=10001.995, at 0 src: 1, dest: 0, contents: 3 0 1 3
 rtupdate0() is called at time t=: 10001.995 as node 1 sent a pkt with (3 0 1 3)

		via		
D0		1	2	3
----- -----				
1		20	4	10
dest 2		21	3	9
3		23	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=10002.765, at 3 src: 2, dest: 3, contents: 3 1 0 2
 rtupdate3() is called at time t=: 10002.765 as node 2 sent a pkt with (3 1 0 2)

		via	
D3		0	2
----- -----			
0		7	5
dest 1		11	3
2		10	2

At time t=10002.765, node 3 sends packet to node 0 with: (5 3 2 0)

At time t=10002.765, node 3 sends packet to node 2 with: (5 3 2 0)

MAIN: rcv event, t=10003.097, at 1 src: 2, dest: 1, contents: 3 1 0 2
 rtupdate1() is called at time t=: 10003.097 as node 2 sent a pkt with (3 1 0 2)

		via	
D1		0	2
----- -----			
0		20	4
dest 2		23	1
3		25	3

At time t=10003.097, node 1 sends packet to node 0 with: (4 0 1 3)

At time t=10003.097, node 1 sends packet to node 2 with: (4 0 1 3)

MAIN: rcv event, t=10003.245, at 0 src: 2, dest: 0, contents: 3 1 0 2
 rtupdate0() is called at time t=: 10003.245 as node 2 sent a pkt with (3 1 0 2)

		via	
D0		1	2
----- -----			
1		2	3

	1	20	4	10
dest 2	21	3	9	
3	23	5	7	

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=10003.936, at 0 src: 3, dest: 0, contents: 5 3 2 0
rtupdate0() is called at time t=: 10003.936 as node 3 sent a pkt with (5 3 2 0)

	1	2	3
D0	20	4	10
dest 2	21	3	9
3	23	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=10003.952, at 2 src: 3, dest: 2, contents: 5 3 2 0
rtupdate2() is called at time t=: 10003.952 as node 3 sent a pkt with (5 3 2 0)

	0	1	3
D2	3	4	7
dest 1	7	1	5
3	8	4	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=10004.443, at 0 src: 1, dest: 0, contents: 4 0 1 3
rtupdate0() is called at time t=: 10004.443 as node 1 sent a pkt with (4 0 1 3)

	1	2	3
D0	20	4	10
dest 2	21	3	9
3	23	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=10004.712, at 2 src: 1, dest: 2, contents: 4 0 1 3
rtupdate2() is called at time t=: 10004.712 as node 1 sent a pkt with (4 0 1 3)

	0	1	3
D2	3	5	7
dest 1	7	1	5
3	8	4	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=20000.000, at 0 via

	1	2	3
D0	1	4	10
dest 2	2	3	9
3	4	5	7

At time t=20000.000, node 0 sends packet to node 1 with: (0 1 2 4)

At time t=20000.000, node 0 sends packet to node 2 with: (0 1 2 4)

At time t=20000.000, node 0 sends packet to node 3 with: (0 1 2 4)

	0	2
D1	1	4
dest 2	4	1
3	6	3

At time t=20000.000, node 1 sends packet to node 0 with: (1 0 1 3)

At time t=20000.000, node 1 sends packet to node 2 with: (1 0 1 3)

MAIN: rcv event, t=20000.312, at 2 src: 0, dest: 2, contents: 0 1 2 4
rtupdate2() is called at time t=: 20000.312 as node 0 sent a pkt with (0 1 2 4)

		via		
D2		0	1	3
----- -----		-----		
0		3	5	7
dest 1		4	1	5
3		7	4	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=20000.504, at 3 src: 0, dest: 3, contents: 0 1 2 4
rtupdate3() is called at time t=: 20000.504 as node 0 sent a pkt with (0 1 2 4)

		via	
D3		0	2
----- -----		-----	
0		7	5
dest 1		8	3
2		9	2

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=20001.441, at 1 src: 0, dest: 1, contents: 0 1 2 4
rtupdate1() is called at time t=: 20001.441 as node 0 sent a pkt with (0 1 2 4)

		via	
D1		0	2
----- -----		-----	
0		1	4
dest 2		3	1
3		5	3

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=20001.516, at 0 src: 1, dest: 0, contents: 1 0 1 3
rtupdate0() is called at time t=: 20001.516 as node 1 sent a pkt with (1 0 1 3)

		via		
D0		1	2	3
----- -----		-----		
1		1	4	10
dest 2		2	3	9
3		4	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=20001.648, at 2 src: 1, dest: 2, contents: 1 0 1 3
rtupdate2() is called at time t=: 20001.648 as node 1 sent a pkt with (1 0 1 3)

		via		
D2		0	1	3
----- -----		-----		
0		3	2	7
dest 1		4	1	5
3		7	4	2

At time t=20001.648, node 2 sends packet to node 0 with: (2 1 0 2)

At time t=20001.648, node 2 sends packet to node 1 with: (2 1 0 2)

At time t=20001.648, node 2 sends packet to node 3 with: (2 1 0 2)

MAIN: rcv event, t=20001.729, at 0 src: 2, dest: 0, contents: 2 1 0 2
rtupdate0() is called at time t=: 20001.729 as node 2 sent a pkt with (2 1 0 2)

		via		
D0		1	2	3
----- -----		-----		
1		1	4	10
dest 2		2	3	9
3		4	5	7

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=20002.449, at 3 src: 2, dest: 3, contents: 2 1 0 2
rtupdate3() is called at time t=: 20002.449 as node 2 sent a pkt with (2 1 0 2)

via			
D3	0	2	
0	7	4	
dest 1	8	3	
2	9	2	

At time t=20002.449, node 3 sends packet to node 0 with: (4 3 2 0)

At time t=20002.449, node 3 sends packet to node 2 with: (4 3 2 0)

MAIN: rcv event, t=20003.146, at 1 src: 2, dest: 1, contents: 2 1 0 2

rtupdate1() is called at time t=: 20003.146 as node 2 sent a pkt with (2 1 0 2)

via			
D1	0	2	
0	1	3	
dest 2	3	1	
3	5	3	

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=20003.852, at 0 src: 3, dest: 0, contents: 4 3 2 0

rtupdate0() is called at time t=: 20003.852 as node 3 sent a pkt with (4 3 2 0)

via				
D0	1	2	3	
1	1	4	10	
dest 2	2	3	9	
3	4	5	7	

Minimum cost didn't change. No new packets are sent

MAIN: rcv event, t=20004.211, at 2 src: 3, dest: 2, contents: 4 3 2 0

rtupdate2() is called at time t=: 20004.211 as node 3 sent a pkt with (4 3 2 0)

via				
D2	0	1	3	
0	3	2	6	
dest 1	4	1	5	
3	7	4	2	

Minimum cost didn't change. No new packets are sent

Simulator terminated at t=20004.210938, no packets in medium

Minimum cost from 0 to other nodes are: 0 1 2 4

Minimum cost from 1 to other nodes are: 1 0 1 3

Minimum cost from 2 to other nodes are: 2 1 0 2

Minimum cost from 3 to other nodes are: 4 3 2 0