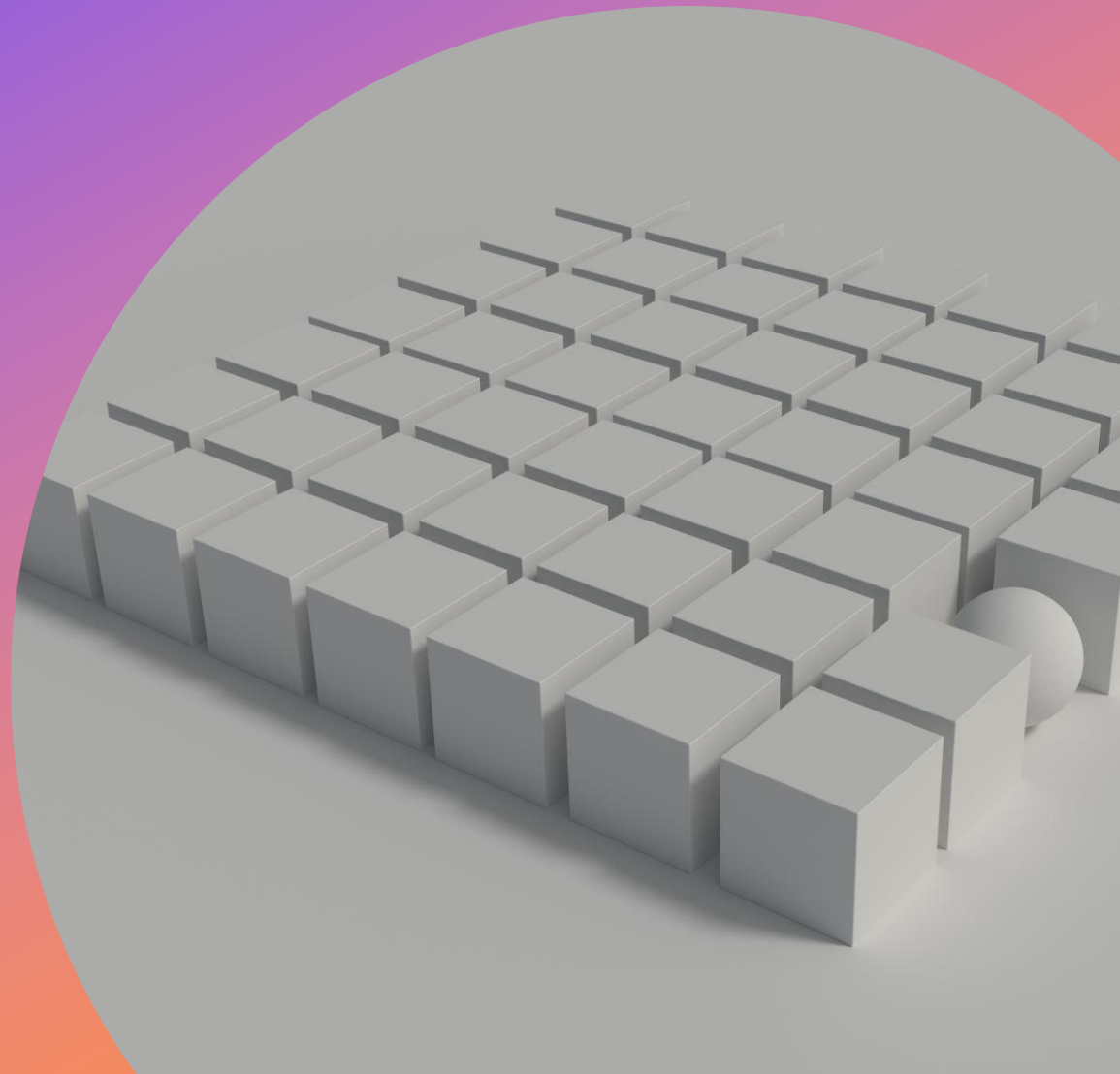
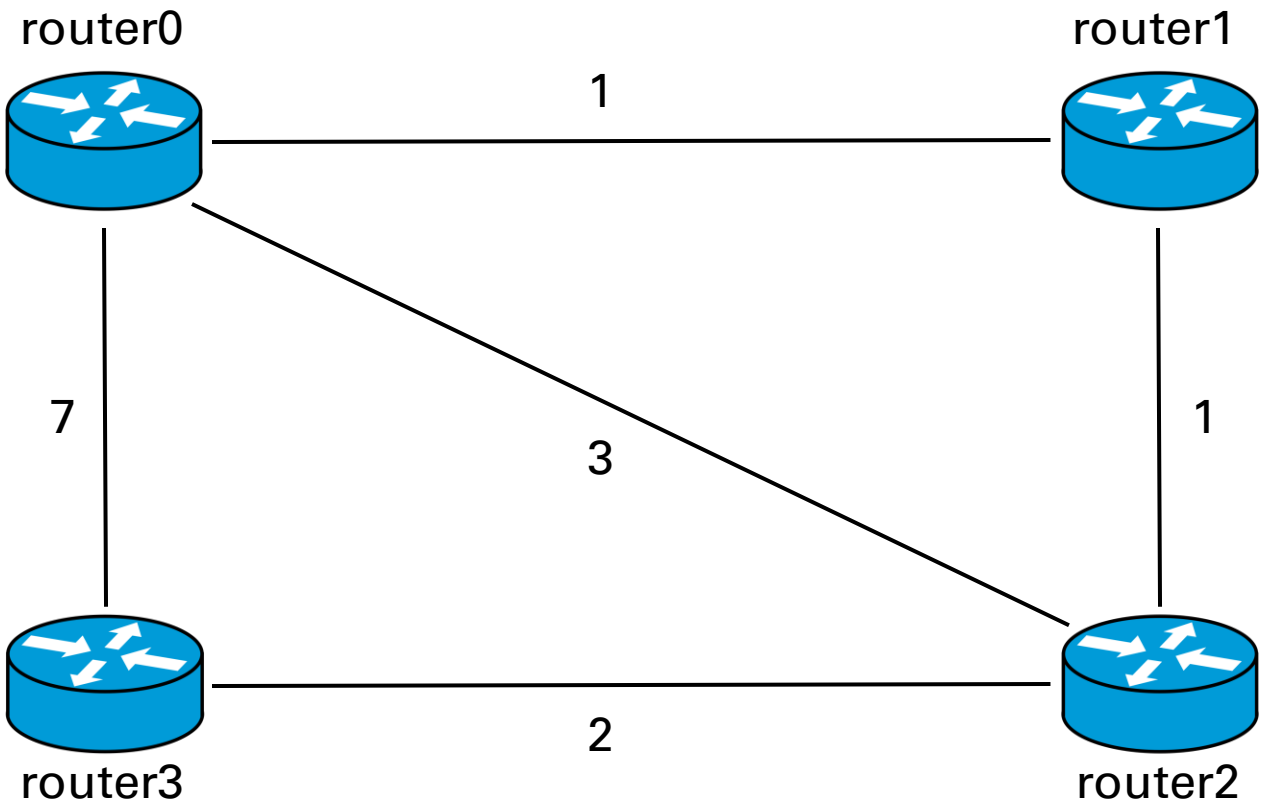
ØVELSE

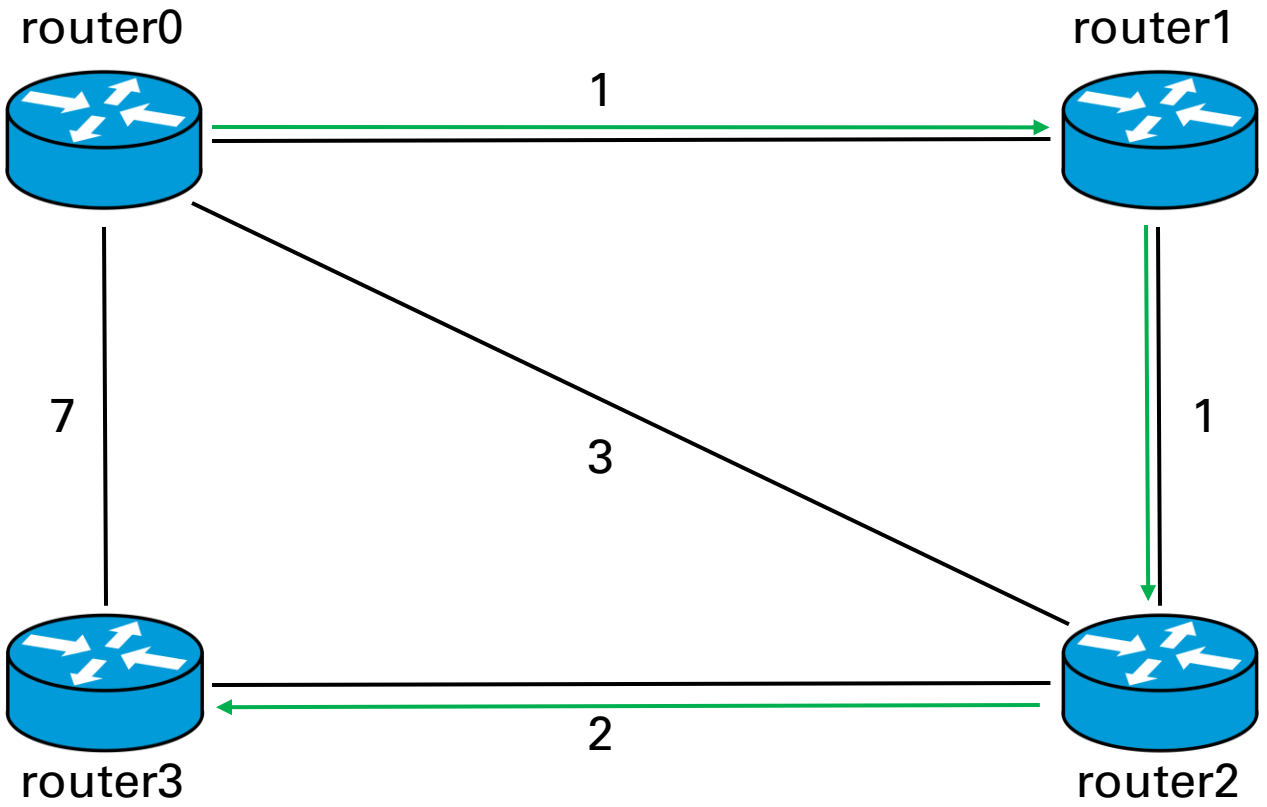
Distributed shortest path



Øvelse

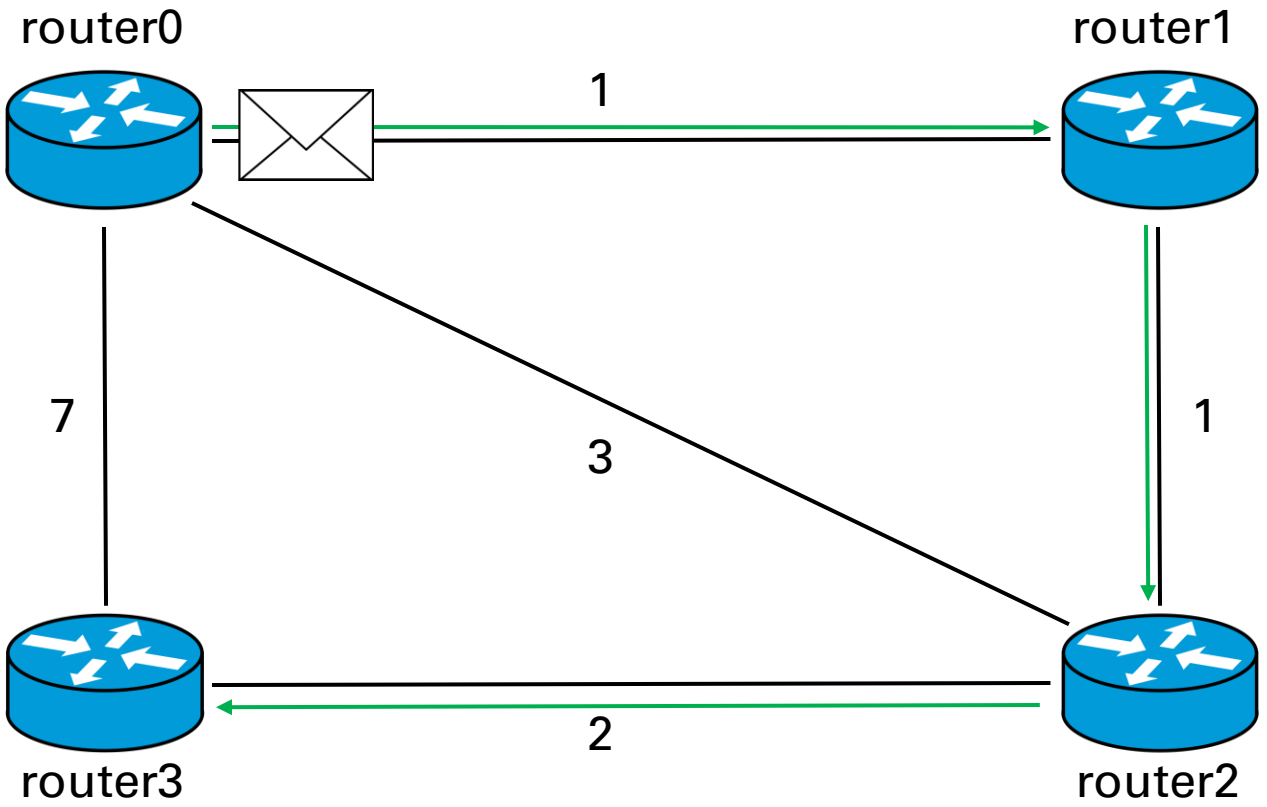


Router 1	1
Router 2	3
Router 3	7



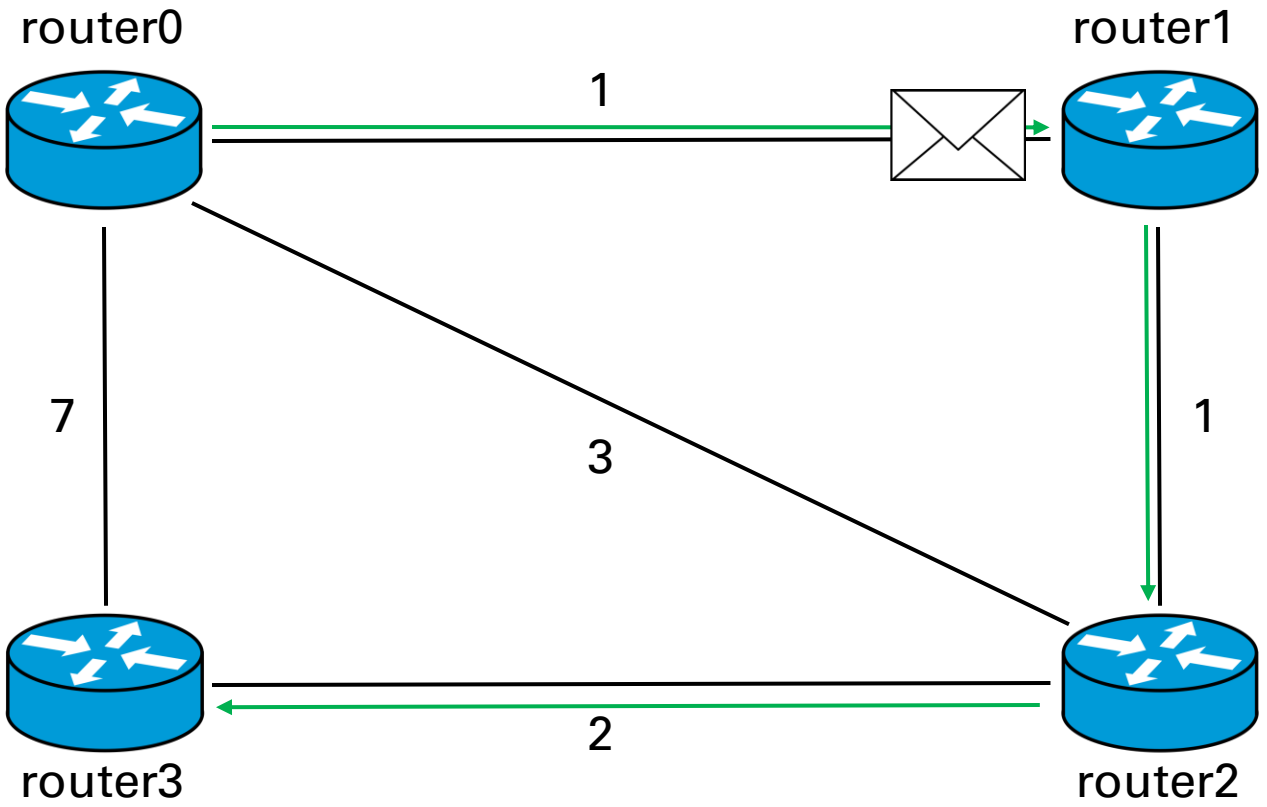
dijkstra

id	packet1
source	router0
destination	router3
Routing history	[]
TTL	5
Shortest path	[1,2,3]

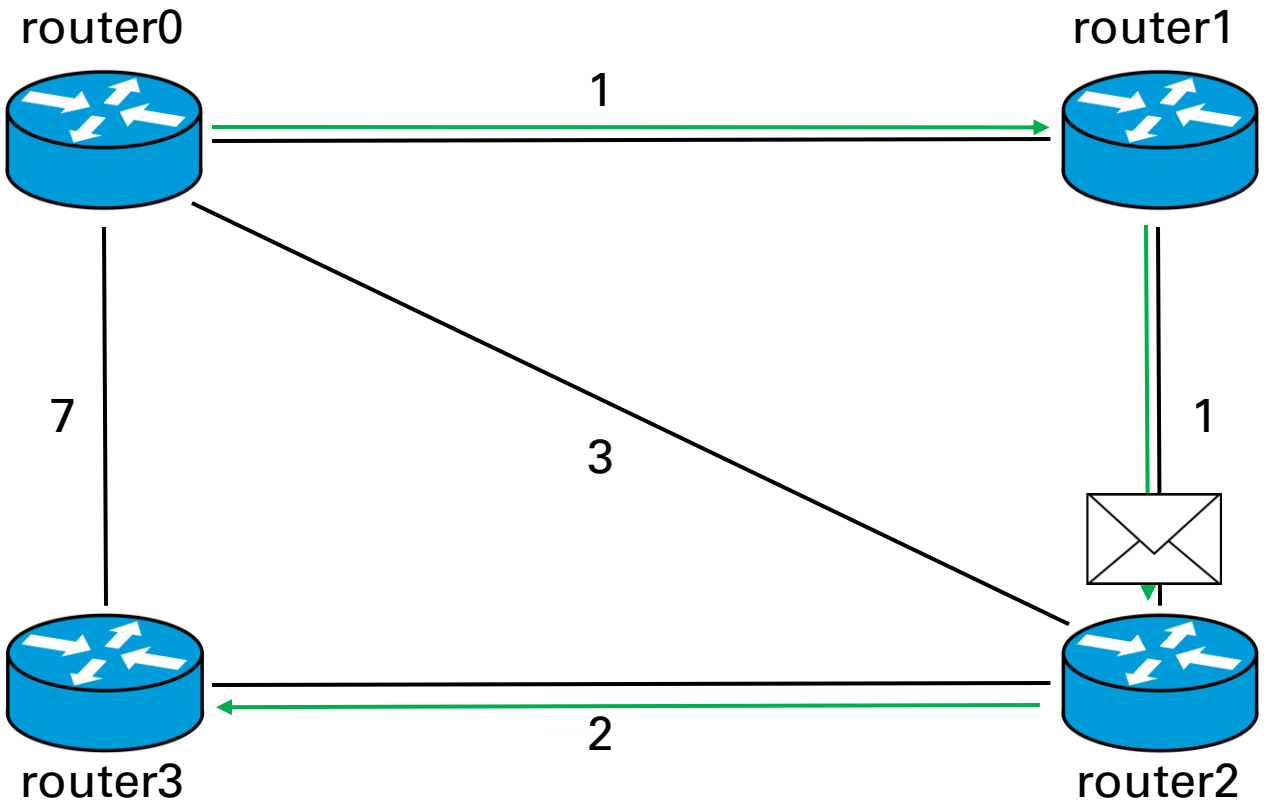


id	packet1
source	router0
destination	router3
Routing history	[]
TTL	5
Shortest path	[1,2,3]

id	packet1
source	router0
destination	router3
Routing history	[{to: 1, cost: 1}]
TTL	4
Shortest path	[2,3]



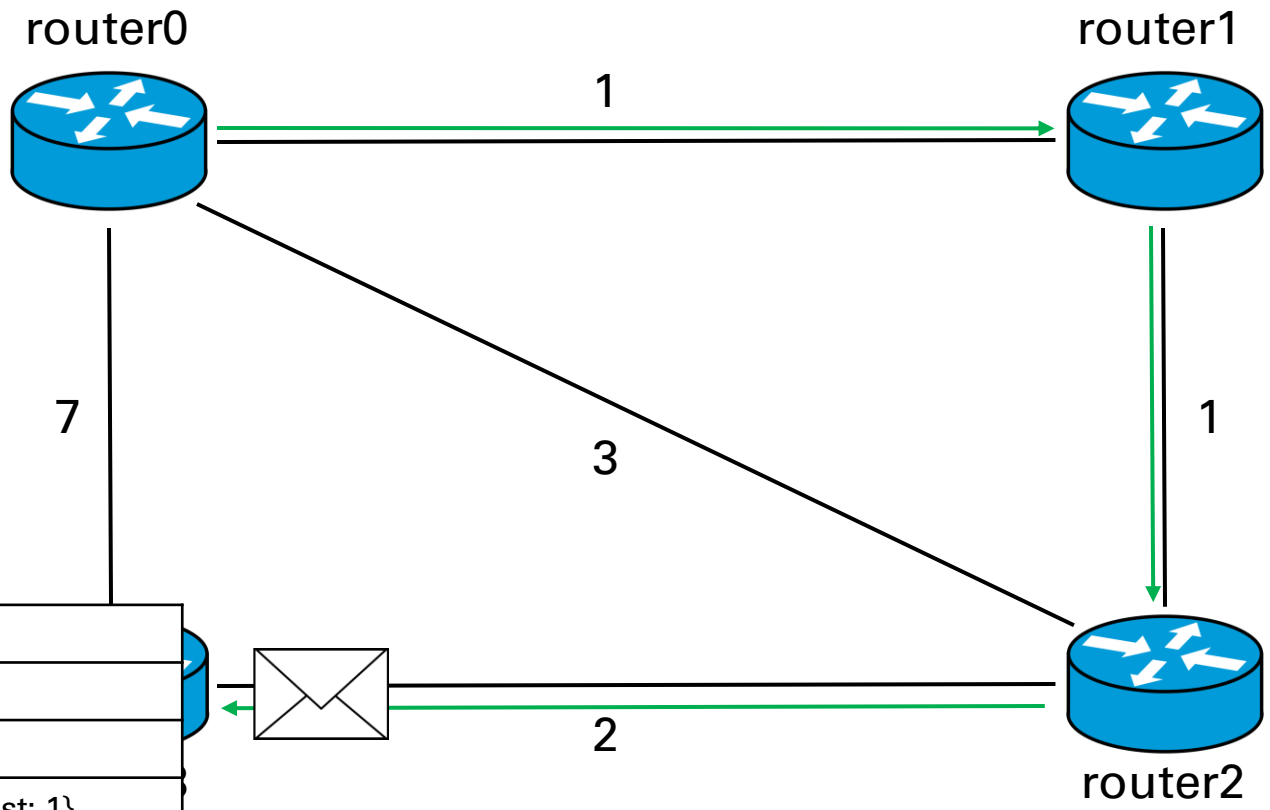
id	packet1
source	router0
destination	router3
Routing history	[]
TTL	5
Shortest path	[1,2,3]



id	packet1
source	router0
destination	router3
Routing history	[{to: 1, cost: 1}]
TTL	4
Shortest path	[2,3]

id	packet1
source	router0
destination	router3
Routing history	[{to: 1, cost: 1}, {to: 2, cost: 1}]
TTL	3
Shortest path	[3]

id	packet1
source	router0
destination	router3
Routing history	[]
TTL	5
Shortest path	[1,2,3]



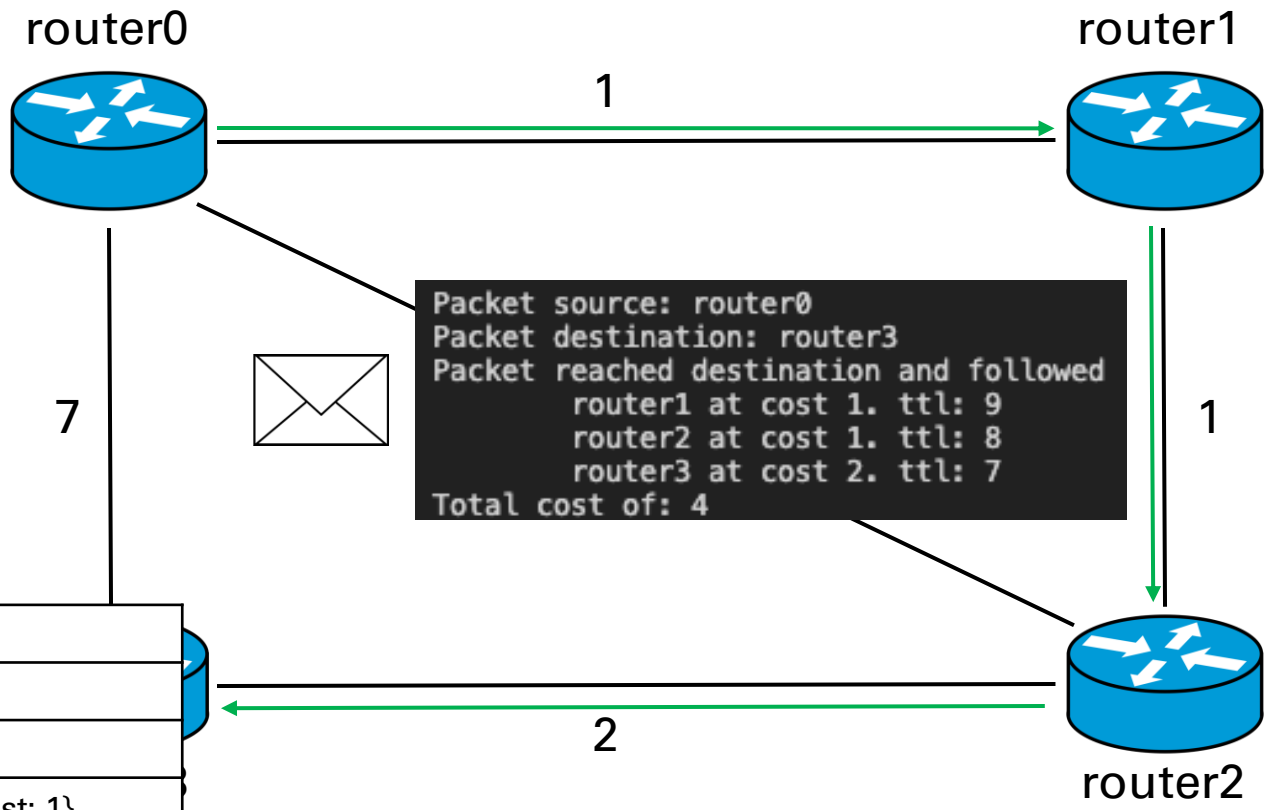
id	packet1
source	router0
destination	router3
Routing history	[{to: 1, cost: 1}]
TTL	4
Shortest path	[2,3]

id	packet1
source	router0
destination	router3
Routing history	[{to: 1, cost: 1}, {to: 2, cost: 1}, {to: 3, cost: 2}]
TTL	3
Shortest path	[0]

id	packet1
source	router0
destination	router3
Routing history	[{to: 1, cost: 1}, {to: 2, cost: 1}]
TTL	3
Shortest path	[3]

id	packet1
source	router0
destination	router3
Routing history	[]
TTL	5
Shortest path	[1,2,3]

id	packet1
source	router0
destination	router3
Routing history	[{to: 1, cost: 1}]
TTL	4
Shortest path	[2,3]



id	packet1
source	router0
destination	router3
Routing history	[{to: 1, cost: 1}, {to: 2, cost: 1}, {to: 3, cost: 2}]
TTL	3
Shortest path	[0]

id	packet1
source	router0
destination	router3
Routing history	[{to: 1, cost: 1}, {to: 2, cost: 1}]
TTL	3
Shortest path	[3]