

Routing table: an example!

R _x	Destination	Which way?
	10.0.200.3	Output 1
	170.0.60.1	Output 2
	190.50.40.10	10.0.200.3
	195.50.40.20	170.0.60.1

The column with “R_x” indicates to which router corresponds the routing table.

The column “destination” indicates IP addresses that the router knows, it means those which are logged in its data. These addresses are those to which we can send information.

The column “which way?” indicates the output number of the router or the next address to send information to.

For each line, there is one address of destination (to which we want to send information), and the indication of the corresponding way: the output of the router or the next IP address on the way.

For example:

In the 1st line: if you want to send information to the address 10.0.200.3, the router will send it by the output number 1.

In the 4th line: if you want to send information to the address 195.50.40.20, the router will send it to the address 170.0.60.1 (so, according to the 2nd line, 170.0.60.1 corresponds to the output number 2 of the router R_x).