

Destination address	Link Interface
11100000 00000000 00000000 00000000 through 11100000 00111111 11111111 11111111	0
11100000 01000000 00000000 00000000 through 11100000 01000000 11111111 11111111	1
11100000 01000001 00000000 00000000 through 11100001 01111111 11111111 11111111	2
Otherwise	3

Now the routing table

longest prefix	Link
11100000 00	0
11100000 01000000	1
1110000	2 That causes a problem, since 11100001_1 must go to 3
11100001 1	3
otherwise	3

Any address that starts with 11100001 1 will match 2 entities, but it will be routed according to the longest prefix to link 3