



TCAM array

← Prefix (8 bits) →

1	1	1	1	0	0	0	0
1	1	1	1	0	0	0	x
1	1	1	1	0	0	x	x
1	1	1	1	0	x	x	x
1	1	1	1	x	x	x	x
1	1	1	x	x	x	x	x
1	1	x	x	x	x	x	x
1	x	x	x	x	x	x	x

Prefix TCAM array

← PCAM entry (8+1 bits) →

1	1	1	1	0	0	0	0	1
1	1	1	1	0	0	0	1	0
1	1	1	1	0	0	1	0	0
1	1	1	1	0	1	0	0	0
1	1	1	1	1	0	0	0	0
1	1	1	1	1	0	0	0	0
1	1	1	1	0	0	0	0	0
1	1	1	0	0	0	0	0	0
1	1	0	0	0	0	0	0	0