

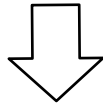
Tagger rules

Rule 1: (tag=1, inport=0, outport=4) \rightarrow newtag = 2

Rule 2: (tag=1, inport=1, outport=4) \rightarrow newtag = 2

Rule 3: (tag=1, inport=2, outport=4) \rightarrow newtag = 2

Rule 4: (tag=1, inport=3, outport=4) \rightarrow newtag = 2



TCAM entry

Value-1	tag=0001 ₍₂₎	Mask-1	1111 ₍₂₎
Value-2	inport=0000 ₍₂₎	Mask-2	1100 ₍₂₎
Value-3	outport=0100 ₍₂₎	Mask-3	1111 ₍₂₎
Result	set tag = 0010 ₍₂₎		