

TOS = Traffic Class

AF to DSCP = $(CS \times 8) + (DP \times 2)$

DSCP (even #) to AF = $DSCP/8 = CS$ remainder/2 = DP

COS = IP Prec

IP Prec to DSCP = IP Prec x 8 (except for 5)

IP Prec to TOS/TC = IP Prec x 32

DSCP to TOS/TC = DSCP x 4

COS 5 = IP Prec 5 = EF = DSCP 46 = TOS 184

MPLS Exp = COS or IP Prec or CS