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DSCP names, priorities and classes

DSCP name	Binary value	Decimal value	Priority	Class
CS0	000 000	0	0	0
CS1	001 000	8	1	1
AF11	001 010	10	1	1
AF12	001 100	12	1	1
AF13	001 110	14	1	1
CS2	010 000	16	2	2
AF21	010 010	18	2	2
AF22	010 100	20	2	2
AF23	010 110	22	2	2
CS3	011 000	24	3	3
AF31	011 010	26	3	3
AF32	011 100	28	3	3
AF33	011 110	30	3	3
CS4	100 000	32	4	4
AF41	100 010	34	4	4
AF42	100 100	36	4	4
AF43	100 110	38	4	4
CS5	101 000	40	5	5
EF	101 110	46	5	5
CS6	110 000	48	6	6
CS7	111 000	56	7	7

The priority is a part of DSCP field in IP header. In case of [VLAN/QinQ](#) and [MPLS](#) it is a separate field with values in range 0..7. Configurations indicate the full DSCP value used to mark the traffic. The priority alone is used in other cases.