

Default CoS Values

Table 1 shows the default mappings between the bit values and standard aliases. For example, it is widely accepted that the alias for DSCP 101110 is **ef** (expedited forwarding).

Table 1: Default CoS Values

| CoS Value Types | Mapping |
|--------------------------------------|---------|
| DSCP and DSCP IPv6 CoS Values | |
| ef | 101110 |
| af11 | 001010 |
| af12 | 001100 |
| af13 | 001110 |
| af21 | 010010 |
| af22 | 010100 |
| af23 | 010110 |
| af31 | 011010 |
| af32 | 011100 |
| af33 | 011110 |
| af41 | 100010 |
| af42 | 100100 |
| af43 | 100110 |
| be | 000000 |
| cs1 | 001000 |
| cs2 | 010000 |
| cs3 | 011000 |
| cs4 | 100000 |
| cs5 | 101000 |
| nc1/cs6 | 110000 |
| nc2/cs7 | 111000 |
| MPLS EXP CoS Values | |

Table 1: Default CoS Values *(continued)*

| CoS Value Types | Mapping |
|--|---------|
| be | 000 |
| be1 | 001 |
| ef | 010 |
| ef1 | 011 |
| af11 | 100 |
| af12 | 101 |
| nc1/cs6 | 110 |
| nc2/cs7 | 111 |
| IEEE 802.1 CoS Values | |
| be | 000 |
| be1 | 001 |
| ef | 010 |
| ef1 | 011 |
| af11 | 100 |
| af12 | 101 |
| nc1/cs6 | 110 |
| nc2/cs7 | 111 |
| Legacy IP Precedence CoS Values | |
| be | 000 |
| be1 | 001 |
| ef | 010 |
| ef1 | 011 |
| af11 | 100 |
| af12 | 101 |
| nc1/cs6 | 110 |

Table 1: Default CoS Values *(continued)*

| CoS Value Types | Mapping |
|-----------------|---------|
| nc2/cs7 | 111 |

Published: 2010-04-14