

LE PHB

draft-ietf-tsvwg-le-phb

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CS1

RFC4594 suggested LE using CS1 : 001 000

IANA DSCP Pool 1 Registry

Name	Value (Binary)	Value (Decimal)	Reference
CS0	000000	0	[RFC2474]
CS1	001000	8	[RFC2474]
CS2	010000	16	[RFC2474]
CS3	011000	24	[RFC2474]
CS4	100000	32	[RFC2474]
CS5	101000	40	[RFC2474]
CS6	110000	48	[RFC2474]
CS7	111000	56	[RFC2474]
AF11	001010	10	[RFC2597]
AF12	001100	12	[RFC2597]
AF13	001110	14	[RFC2597]
AF21	010010	18	[RFC2597]
AF22	010100	20	[RFC2597]
AF23	010110	22	[RFC2597]
AF31	011010	26	[RFC2597]
AF32	011100	28	[RFC2597]
AF33	011110	30	[RFC2597]
AF41	100010	34	[RFC2597]
AF42	100100	36	[RFC2597]
AF43	100110	38	[RFC2597]
EF	101110	46	[RFC3246]
VOICE-ADMIT	101100	44	[RFC5865]

Policy:
Standards Action

Active

tsvwg-le-phb
suggests

DSCP 2 : 000 010





DSCP 2 may not be a good choice

Common Internet pathology :

Bleaching of upper 3 bits (ToS preced. bleaching)

AF11, AF21, AF31, AF41	XXX 010	→	000 010	DSCP 2
AF12, AF22, AF32, AF42, VA	XXX 100	→	000 100	DSCP 4
AF13, AF23, AF33, AF43, EF	XXX 110	→	000 110	DSCP 6

IANA DSCP Full Registry

Pool 	Codepoint Space 	Registration Procedure 	Note 
1	xxxxx0	Standards Action	
2	xxxx11	Experimental or Local Use	Reserved for experimental or Local Use
3	xxxx01	Experimental or Local Use	May be utilized for future Standards Action allocations as necessary

Should we use **DSCP 1** : 000 001?

- Currently unallocated
- This would require opening IANA pool 3