TSA additions to ETS TLVs

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TSA Additions to ETS TLV

- At the March 802.1 DCB meeting it was decided to add the ability to send the TSA Table (Table 8-5 of P802.1REV-1.0) to the exisiting ETS TLVs

- A proposed format for this addition is shown here
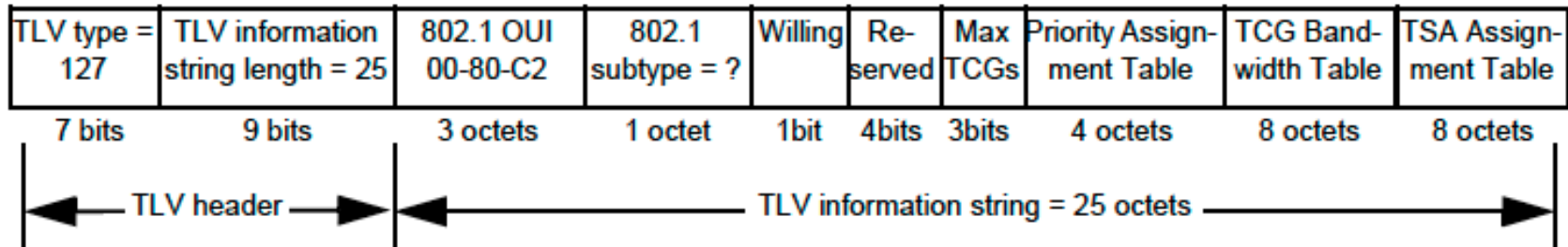
ETS Configuration TLV

TLV type = 127	TLV information string length = 25	802.1 OUI 00-80-C2	802.1 subtype = ?	Willing	Re-served	Max TCGs	Priority Assign-ment Table	TCG Band-width Table	TSA Assign-ment Table
7 bits	9 bits	3 octets	1 octet	1bit	4bits	3bits	4 octets	8 octets	8 octets

TLV header ◄────► TLV information string = 25 octets

Figure 38-4—ETS Configuration TLV format

ETS Recommendation TLV

TLV type = 127	TLV information string length = 21	802.1 OUI 00-80-C2	802.1 subtype = ?	Re-served	Priority Assign-ment Table	TCG Bandwidth Table	TSA Assignment Table
7 bits	9 bits	3 octets	1 octet	8bits	4 octets	8 octets	8 octets

TLV header ← → ← TLV information string = 21 octets →
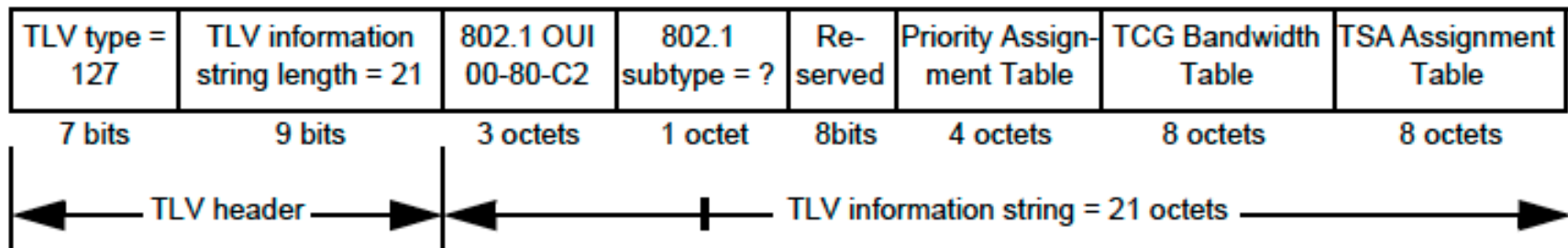
Figure 38-5—ETS Recommendation TLV format

TSA Assignment Table

Table 38-3—TSA Assignment Table

Octets:	1	2	3	4	5	6	7	8
	Priority 0	Priority 1	Priority 2	Priority 3	Priority 4	Priority 5	Priority 6	Priority 7

The table consists of one 8-bit entry per Prioirty. Each entry indicates the Transmission selection algorithm to be used for that priority as defined in Table 8-5. A value of 255 indicates a Vendor-specific Transmission selection algorithm.