

SAM-4: Task Tag Length and FCP

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The SAM-4 task tag definition and subclause 4.5.23.2 specify a task tag is composed of up to 64 bits.

This is not consistent with the FCP where the task tag (i.e., the fully qualified exchange identifier) consists of 80 bits:

Table 1: FCP fully qualified exchange identifier

Field	# bits
D_ID	24
S_ID	24
OX_ID	16
RX_ID	16
Total # bits	80

Proposal: Remove the task tag length restriction, or increase the task tag length to accommodate FCP (e.g., 96 bits).

3.1.131 task tag: An object containing ~~up to 64 bits~~ that uniquely identifies each task for a given I_T_L nexus (see 3.1.51) in a task set (see 3.1.137). See 4.5.23.2 .

4.5.23.2 Task tag attribute

A task tag attribute identifies a command. The I_T_L_Q nexus representing a task includes a task tag, allowing many uniquely identified tagged tasks to be present in a single task set. ~~A task tag is composed of up to 64 bits.~~