1 Overview

This is a proposal that takes a detailed look at the write data path. In this revision only the target side write flow charts are shown. The flow charts reflect the wording as stated SAS-2 revision 10.

2 ST_TTS transport layer write data flowcharts

Requested Write Data Length = Amount of write data requested by the device server from the application client buffer
Requested Write Data Offset = Device server requested offset in the application client buffer for write data
Data-Out Request Byte Count = The number of bytes requested to be transferred. Set by the device server.

Figure 1 — Representation of transport layer (i.e., ST_TTS1 and ST_TTS4) write data operation
Figure 2 — Representation of transport layer (i.e., ST_TTS2) write data operation
Data Offset = Offset into application client read data buffer and the device server read data buffer
Requested Write Data Length = Amount of write data requested by the device server from the application client buffer
Requested Write Data Offset = Device server requested offset in the application client buffer for write data
Data-Out Request Byte Count = The number of bytes requested to be transferred. Set by the device server.
Write Data Received = The number of write bytes that have been successfully received.
Bytes transferred = The number of bytes in the last write Data information unit that was received.

**Figure 3 — Representation of transport layer (i.e., ST_TTS5) write data operation**