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To: T10 Technical Committee
From: Bill Galloway
Subj: SAS Hash Transport Checking

This error is so unlikely to occur that it does not justify complicating the link layer to parse the frame to check the hashed values.

9.2.1 SSP frame format

The HASHED DESTINATION DEVICE NAME field contains the hashed value (see 4.3.3) of the destination device name. The recipient may compare this to its own device name to verify that the frame was delivered to the correct destination. If the HASHED DESTINATION DEVICE NAME does not match the device name used to open the connection, the frame ~~may be discarded~~ shall be acknowledged by the link layer and then may be discarded.

The HASHED SOURCE DEVICE NAME fields contains the hashed value of the source device name. The recipient may compare this to the device name which opened the connection to verify the frame was from the correct source. If the HASHED SOURCE DEVICE NAME does not match the device name used to open the connection, the frame ~~may be discarded~~ shall be acknowledged by the link layer and then may be discarded.