

Binary for Linux - MST

Release Notes for Version 2.00

1. Overview

This release is the first to support filtering of retransmitted SCTP DATA chunks over an association. It also supports ordered delivery of SCTP DATA chunks based on their Transmission Sequence Number (TSN). It is the first release since V1.00.

Please refer to the Dialogic® DSI Sigtran Monitoring Programmer's Manual (U06STN) Issue 3 for details.

2. New Functionality

2.1 Filtering of SCTP Retransmissions

MST can be configured to filter out re-transmitted SCTP DATA chunks based on their Transmission Sequence Number (TSN). See Issue 3 of the DSI Sigtran Monitoring Programmer's Manual for details.

2.2 Ordered delivery of monitored messages

The module can be configured to re-order received packets so that retransmissions are placed back into their intended sequence with those that did not require retransmissions. This is also covered in Issue 3 of the DSI Sigtran Monitoring Programmer's Manual for details.

2.3 Licensing

This version of the software supports the following licenses.

License	Product Id	Throughput (Kbps)	TAPs	Notes
SS7SBHSTSMONS	G02-005-01	2152	2	Small Dimensioning
SS7SBHSTSMONR	G03-005-01	4304	4	Regular Dimensioning
SS7SBHSTSMONL	G04-005-01	8600	8	Large Dimensioning

3. Changes

3.1 MST Configuration Message

To ensure backward compatibility, the MST module accepts a configuration message (MST_MSG_CONFIG - 0x7e40) having a length of 12 bytes as in previous version, as well as accepting a length of 20 bytes.

Default values are used for parameters “Number of associations” and “Filter buffer size” if the configuration message length is 12 bytes.

Parameter	Default Value
Number of associations	8
Filter buffer size	512

3.2 Support for larger Ethernet frames

The previous version of MST could only handle the first 1010 bytes of data of an Ethernet frame. It can now handle the maximum number of bytes of data that can be passed in a single Ethernet frame, e.g. 1500 bytes.

Dialogic
02-Sep-08