

## Case D: Basic TE Tunnel Test and Route Selection

### D7. Test Results

Step D4.4:
<pre> semtec#show mpls traffic tunnel Name: semtec_t1 (Tunnel 1) Destination: 10.130.255.2 Status:   Admin: up      Oper: up      Path: valid      Signalling: connected   path option 1, type dynamic (Basis for Setup, path weight 11)  Config Parameters:   Bandwidth: 750 kbps (Global) Priority: 0 0 Affinity: 0x0/0xFFFF   AutoRoute: disabled LockDown: disabled  InLabel : - OutLabel : POS3/1, 16 RSVP Signalling Info:   Src 10.130.255.3, Dst 10.130.255.2, Tun_Id 1, Tun_Instance 1 RSVP Path Info:   My Address: 10.130.255.3   Explicit Route: 10.130.2.1 10.130.1.2 10.130.255.2   Record Route: NONE   Tspec: ave rate=750 kbits, burst=1000 bytes, peak rate=750 kbits RSVP Resv Info:   Record Route: NONE   Fspec: ave rate=750 kbits, burst=1000 bytes, peak rate=Inf History:   Current LSP:   Uptime: 7 minutes, 42 seconds           </pre>
Verdict:
Pass. Tunnel 1 correctly exits GSR A via interface pos2A (Explicit Route 10.130.2.1 10.130.1.2 10.130.255.2).
Comments:
None

Step D4.5:																					
<pre> semtec#show interface tunnel 1 accounting Tunnel 1           Protocol  Pkts In  Chars In  Pkts Out  Chars Out           IP         0         0         50675     5979650  Smartbits Output:           </pre> <table border="1"> <thead> <tr> <th>Name</th> <th>Frame Size</th> <th>Load (%)</th> <th>Sent</th> <th>Received</th> <th>Lost</th> <th>Loss (%)</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td></td> <td>1</td> <td>50675</td> <td>50675</td> <td>0</td> <td>0</td> </tr> <tr> <td>Tunnel 1</td> <td>128</td> <td>1</td> <td>50675</td> <td>50675</td> <td>0</td> <td>0</td> </tr> </tbody> </table>	Name	Frame Size	Load (%)	Sent	Received	Lost	Loss (%)	Total		1	50675	50675	0	0	Tunnel 1	128	1	50675	50675	0	0
Name	Frame Size	Load (%)	Sent	Received	Lost	Loss (%)															
Total		1	50675	50675	0	0															
Tunnel 1	128	1	50675	50675	0	0															
Verdict:																					
Pass. The amount of traffic seen by GSR A is the same as that sent by the test tool.																					

Comments:
None