SRv6 Path Egress Protection

draft-ietf-rtgwg-srv6-egress-protection-04

IETF 112
Overview

Thanks people below for their comments and suggestions

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- Zhenqiang Li,
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Updates to Previous Version

- Added description about End.M (Mirror SID)
- IANA assigned 74 for End.M (Mirror SID)
- Some Editorial Changes
Behavior of End.M (Mirror SID)

End.M SID is
• last segment in SR path, and
• associated with an IPv6 FIB table Tm

When processing Upper-Layer header, DA is local End.M SID of N, N does:

S01. If (Upper-Layer header type == 41(IPv6) ) {
S02.    Remove outer IPv6 header with all its extension headers
S03.    Set packet's associated FIB table to Tm
S04.    Submit packet to egress IPv6 FIB lookup for transmission to new destination
S05. } Else {
S06.    Process as per Section 4.1.1 of RFC8986
S07. }
Next Steps

- Comments
- WGLC