

SRv6 Path Egress Protection

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Overview

Thanks people below for their comments and suggestions

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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 T_m

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  $T_m$ 
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