Additions since -03.txt

• Filters
  – TTL filter (proposal to IDR WG)
  – MPLS labels (from IDR WG draft)

• Addition of the following actions:
  – MPLS label (Push, Pop, Swap)

• Editorial work
Current status

• Base functionality is defined
  – V1 and V2 Ships in the night interactions defined
  – All filters + action proposals from v1 + proposals
  – User ordering of filters + actions

• Partial deployments of v2
  – Allow implementations to indicate what’s implemented in profile
  – Pass information on Filter/Action capabilities
    • Capability bits (draft-haas-flowspec-capability-bits-00.txt)
Open Questions

• Partial Implementations
• Tie Action with NLRI (Die-Die-Die Worm)
Partial FSv2 + FSv1 SIN

SIN – Ships in Night NLRIs
- No BGP importing of FSv1 into FSv2

- 5 BGP Peers in under administrative domain
  - Complete mesh of Peers (not all links shown)
  - Peer-A-B – pass FSv1
  - Peer A-C – pass FSv2 (?)
  - Peer A-D – no FS
  - Peer A-E – FSv1 and FSv2 (?)

- Peers
  - Establish by capabilities
  - Pass DBs
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Peer A
  - FSv1-FSv2

Peer B
  - FSV1

Peer C
  - FSv2

Peer D
  - No FS

Peer E
  - FSv1-FSv2

DBv2 - Die Worm Drops

DBv1

DBv2 : Die worm Streams offline + blocks.

9/27/21
IDR WG Interim
Ask for WG adoption

• Approval as WG allow us to go on with steady base.

• Author team will be focused on Partial capability work before IETF 113