

Discussion of Flowspec Related Drafts

Sue Hares

Application Flow

Vandevelde-flowspec-path-redirect

Path ID as Forwarding
Local Forwarding table
IP → Path-ID: not specified
Traffic steering into "path"
Copy/forward into path

Li-mppls-path-programming SO-MPP

Forwarding ID
Generalized Segment Pathways
Based on 5-tuple
Communities + Attributes

Draft-eddy-idr-flowspec-exp

Flow-identifier
Flow-spec feedback
flow-delegation
Flow cryptographic

Tunnels

draft-hao-idr-flowspec-redirect-tunnel-0

Uses: Extended Community
(Copy/forward to tunnel)
Extends: BGP Tunnel Encap
(draft-rosen-idr-tunnel-encaps
IP & Non-IP Tunnel covered

Hao:draft-hao-idr-flowspec-nvo3-02

Inner/outer for NV03:
Encap, NVID, FLOW-ID

draft-eddy-idr-flowspec-exp

Adds tunnel support
Inner/outer in flow
[not aligned with IDR direction]

Flow Spec Extensions

Draft-liang-idr-bgp-flowspec

Covers labels

Draft-liang-flowspec-time

Sets time for validity of flowspecs

Draft-eddy-idr-flowspec-exp

Add packet rate action to flowspecs,

Draft-li-idr-flowspec-rpd-01

Use of flowspec as route policy
distribution