

A YANG Data Model for SRv6 Mobile User Plane draft-mahesh-bess-srv6-mup-yang

Mahesh Jethanandani
Tetsuya Murakami
Kalyani Rajaraman
Satoru Matsushima



Introduction

- Defines two new SAFI
 - ipv4-mup
 - ipv6-mup
- Augments BGP YANG model to add the new SAFI
 - global
 - neighbor
- Augments the Network Instance Model (RFC 8529)
 - Add Route Distinguisher (RD) configuration

Introduction (cont)

- Aligned with
 - Segment Routing IPv6 Mobile User Plane Architecture For Distributed Mobility Management (SRv6 MUP) (draft-mhkk-dmm-srv6mup-architecture)
 - BGP Extensions for Mobile User Plane (MUP) SAFI [draft-mpmz-bess-mup-safi]



Code and Issues

- Tracked here
 - <https://github.com/mjethanandani/srv6-mobile/>

