SRV6 MUP YANG model
draft-mahesh-bess-srv6-mup-yang

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Introduction

• Configuration of Mobile User Plane (MUP)
• Aligns with draft-mhkk-dmm-srv6mup-architecture
  – Integrates MUP with SRv6
  – Uses SRv6 to specify source route
    • To and from a mobile node
• Uses BGP
  – With a new SAFI (bgp-mup)
  – Mobile session information into IP forwarding information
Model

• Augments BGP YANG model
  – Add SRv6 (at a global level)
    • Add MUP capability for Uplink/Downlink
• Augments BGP Policy YANG model
  – Defined Sets
    • Interface-sets
  – Match options
  – Set options
Next Steps

• Initial cut of the YANG model mostly done
  – And validated
  – Expect a revision
• Add an example for configuration
• Security Considerations
• What (if any) operational data?
Q&A