RIFT Auto-EVPN
draft-ietf-rift-auto-evpn-03

IETF114

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What’s new in -03?

• **A new structure that better organizes the required RIFT extensions:**
  • I think the last version’s way of defining these things felt disjointed.
    • FSM / LIE validation clause.
    • Node-TIE advertisements.
    • Applicable schema updates.

• **Adjustments to section describing Key/Value TIEs:**
  • Thrift model changes.
  • Normative language adjustments.
  • IANA Considerations section needed an update since the KV draft was tightened.

• Editorial stuff, nits, etc.
RIFT Extensions

• RIFT Finite State Machine / LIE Validation Clause

• Node-TIE advertisement requirements and contents.
  • Auto-EVPN Version Calculation
  • RIFT Fabric ID
  • Auto-EVPN Model
  • These MUST be advertised in Node-TIE at least once in both directions.

• Any applicable schema updates.
Key/Value TIEs

• **auto_evpn_kv.thrift** previously defined RIFT Key Types in the model (e.g. Well-Known, etc.), that moved to **common.thrift** in the base spec.

• Be aware that this structure in **common.thrift** also changed a bit to align with reserved Key-Type values.

• Normative language clarifications. Basically, it says that you don’t have to carry everything if you don’t want to (i.e. RECOMMENDED).

• IANA Considerations section now properly aligns with requirements for Key/Value Registry requests.
What’s Next?

• More Data Center Interconnect details (with examples).

• More multiplane details.

• More operational/deployment considerations.
Thanks