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

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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