RIFT WG
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Note Well

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Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)
- BCP 25 (Working Group processes)
- BCP 25 (Anti-Harassment Procedures)
- BCP 54 (Code of Conduct)
- BCP 78 (Copyright)
- BCP 79 (Patents, Participation)
Agenda

• WG Update, chairs
• Adaptive RIFT, Tony Przygienda
• KV and Auto-EVPN update, Jordan Head
• SR and Multicast update, Jeffrey Zhang
• Open Mic and Charter discussion
WG Update

• Three deliverables in the initial charter
  • Base protocol specification - draft-ietf-rift-rift-24 is in RFC Editor’s queue
  • Applicability Statement - draft-ietf-rift-applicability-17 is in RFC Editor’s queue
  • YANG model – draft-ietf-rift-yang-16 is in IESG Evaluation
    • IESG Telechat on 8/8

• Three other WG documents – to be ratified by the new charter
  • KV TIE structure and processing
  • Auto-EVPN
  • Segment Routing (MPLS)

• Other ongoing work – to be considered/adopted after rechartering
  • Multicast, SRv6, dragonfly, adaptive RIFT, leaf ring, auto flood reflection, …
Proposed New Charter

• There are quite some follow-up work. A **new charter** is being discussed.

... The RIFT WG has finished the base protocol specification and will continue to work on standards track specifications on the following:

- Key-Value Store
- Segment Routing
- Leaf ring topologies
- Using RIFT Zero Touch Provisioning for automatic provisioning of other mechanisms/protocols (e.g., EVPN overlay, ISIS flood reflection topologies)
- Policy Guided Prefix
- Multicast
- Dragonfly topologies

The RIFT WG will also explore the use and extensions of the RIFT protocol for the newer AI/ML Data Center architectures.
Planned Milestones

Planned Milestones:

- Dec 2024: Submit RIFT Key-Value Data Store specification to IESG for publication
- Dec 2024: Submit RIFT Auto-EVPN specification to IESG for publication
- Apr 2025: Submit RIFT for ISIS flood reflection specification to IESG for publication
- Aug 2025: Submit RIFT Segment Routing MPLS specification to IESG for publication
- Dec 2025: Submit RIFT Multicast specification to IESG for publication

Milestones for other proposed items are TBD.