

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)
- <https://www.ietf.org/privacy-policy/>(Privacy Policy)

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.

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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.