RIFT WG Update

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WG Update

• Routing In Fat Trees (RIFT) is a new DC routing protocol
  • Links State Routing northbound
  • Distance Vector Routing southbound

• RIFT WG is chartered with three initial deliverables
  • Base protocol specification
  • Applicability Statement
  • YANG model

• The base spec draft-ietf-rift-rift-20 has passed IETF LC
• The applicability Statement needs a revision to catch up
• The YANG model draft is in AD Evaluation::AD Followup
  • Held for the base spec to finalize
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.