

RIFT Key-Value Registry

draft-head-rift-kv-registry-00

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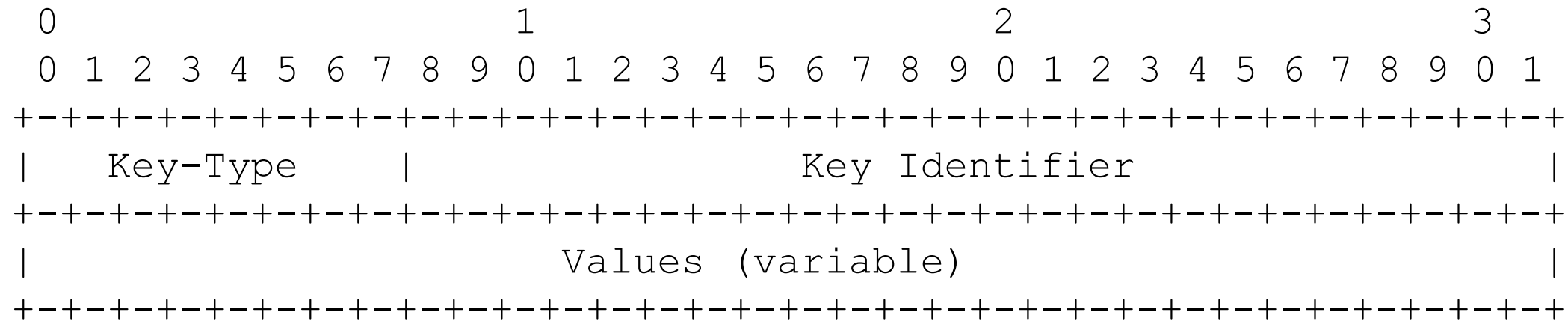
Key-Value TIE Primer/Review

- KV TIEs are used to disseminate information to other RIFT nodes.
 - *"The data contained within these KV TIEs can be used for any imaginable purpose."*
- KV TIEs are flooded north or south.
- Nodes tie-break overlapping keys by preferring highest level then highest System ID.

Use Cases

- RIFT Auto-EVPN
 - [draft-head-rift-auto-evpn-00](#)
- SRIFT: Segment Routing in Fat Trees
 - [draft-zzhang-rift-sr-03](#)
- Multicast Routing in Fat Trees
 - [draft-zzhang-rift-multicast-01](#)

Key-Value Registry



- **Key-Type (1-bytes)** - Identifies either "Well-Known", "OUI" (company specific), or "Experimental".
- **Key Identifier (3-bytes)** - Identifies the specific key and corresponding variable structure.
- **Values (variable)** - The corresponding data.

Questions?