IS-IS TTZ (Topology-Transparent Zone)

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Huaimo Chen, Richard Li (Futurewei)
Yi Yang (IBM)
Anil Kumar S N (Rt Brick)
Yanhe Fan (Casa Systems)
Ning So
Vic Liu
Mehmet Toy (Verizon)
Lei Liu (Fujitsu)
Kiran Makhijani
Updates to Previous Versions

- Removed OSPF
- Some Editorial Changes

A **zone**: a block of an area

Virtualize/abstract
- a zone as a virtual node
  - (LS generate, Adj form, LS filter, SPF, … )

Protocol Extensions
- IS-IS
- OSPF

Smooth Migration/Transfer
- a zone ↔ a virtual node

Minimum traffic interruption
Progress of ISIS TTZ

1. Abstract zone to node
2. Abstract area to node
3. Abstract area to edges’ connections via reflectors

3 drafts for scalability

Reasonable: adoption call for 3 at same time (but adoption call for 2)

2 adopted, put TTZ at disadvantaged position

LSR: Request for adoption discussions

ISIS TTZ advantages:
- reducing the service interruption
- making operations simpler

Good number of supports, a few objections
Next Step

Merge?

Adopt as Exp?