Topology-Transparent Zone

draft-chen-isis-ttz-08

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Overview on TTZ (Topology-Transparent Zone)

A zone: a block of an area (or entire area)

Virtualize/abstract

a zone as a pseudo node

(OSPF, IS-IS)

Minimum traffic interruption

Smooth Migration/Transfer

a zone as edges’ mess

(OSPF, IS-IS)

Virtualize/abstract

a zone as edges’ mess

IS-IS

Minimum traffic interruption

Smooth Migration/Transfer

a zone as edges’ mess

(OSPF (RFC8099) for edges’ mess)
Updates to Previous versions

- MUST be backward compatible
- MUST support at least one more levels of network hierarchies

- **Zone ➔ Pseudo Node or Edges’ Mess**
    - SHOULD be smooth with minimum service interruption

- **Pseudo Node or Edges’ Mess ➔ Zone**
    - SHOULD be smooth with minimum service interruption

- SHOULD be able to set up E2E service
- Configuration SHOULD be minimum
- Changes to protocols SHOULD be minimum
Next Step

Comments