Topology-Transparent Zone

draft-chen-isis-ttz-07

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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 single node
  (LS generate, Adj form, LS filter, SPF, …)

- a zone as edges connections

Smooth Migration

- a zone ↔ a single node
- a zone ↔ edges connections

No/Minimum traffic interruption
Smooth Migration: Zone ↔ Node

Zone → Node:
Transfer: -----adjacencies to ----adjacencies smoothly

Node → Zone:
Transfer: ___ adjacencies to ___adjacencies smoothly

Smooth migration: zone ↔ edges connections can be reused mostly
Next Step

Comments

Merge