

Topology-Transparent Zone

draft-chen-isis-ttz-07

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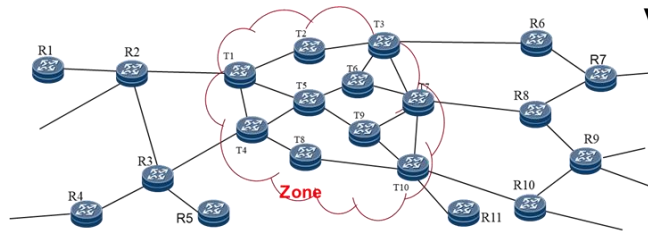
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Overview on TTZ (Topology-Transparent Zone)



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

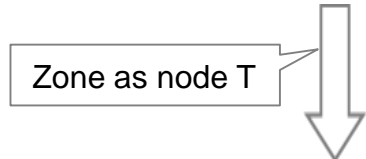


Virtualize/abstract

a zone as a single node
(LS generate, Adj form, LS filter, SPF, ...)

a zone as edges connections

- OSPF
- ISIS
- OSPF
- ISIS



Smooth Migration

a zone ↔ a single node

a zone ↔ edges connections

- OSPF
- ISIS
- OSPF
- ISIS

No/Minimum
traffic interruption

Smooth Migration: Zone \leftrightarrow Node

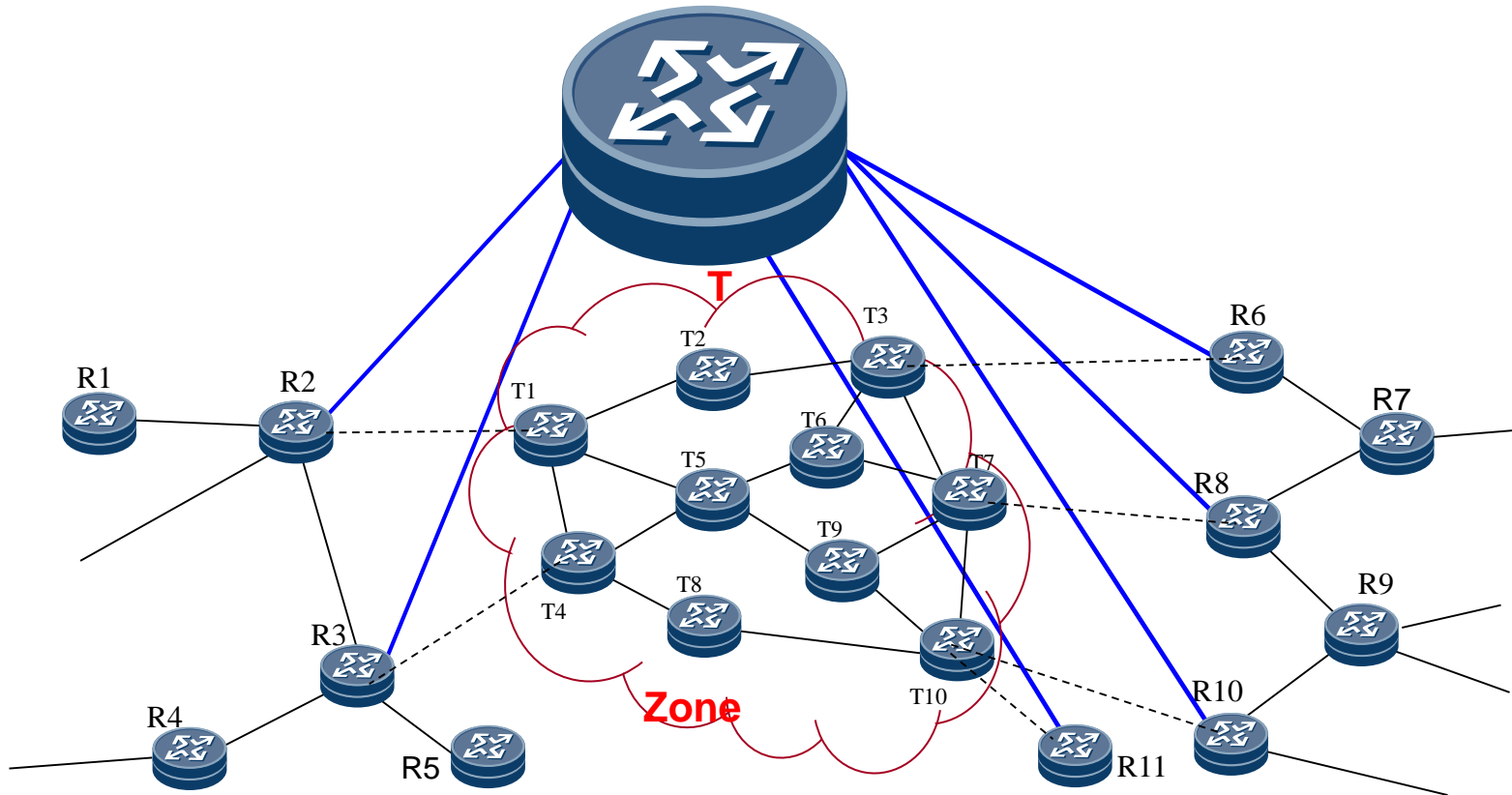
Zone \rightarrow Node:

Transfer: -----adjacencies to ———adjacencies smoothly

Node \rightarrow Zone:

Transfer: ———adjacencies to -----adjacencies smoothly

Smooth migration: zone \leftrightarrow edges connections can be reused mostly



Next Step

Comments

Merge