OSPF Link Overload

draft-ietf-ospf-link-overload-02

IETF-96

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Agenda

- Recap
- Motivation
- OSPF protocol details
- Updates in 02 version
- Conclusion

Problems

- Traffic needs to be diverted away from the overlay links when the underlying network devices require maintenance
- Operational overhead to configure every remote end to divert traffic when PEs require maintenance

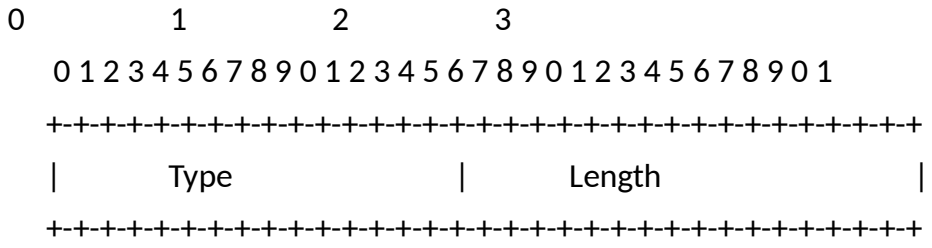
Motivation

- Ease of maintenance
- Automated upgradation
- Minimized traffic loss

Updates in 02 version

- Link local scope
- Area scope
- Changes to Link overload sub-tlv

Link overload sub-tlv



Link Local scope: Link overload sub-TLV is sent in the link local RI LSA

Area Scope: Link Overload sub-TLV is added in the (Link TLV from RFC 3630) and advertised in area scope RI LSA

Suggestions and comments

THANKS