



FLOOD REFLECTOR DRAFT UPDATE

DRAFT-PRZYGIENDA-LSR-FLOOD-REFL
ECTION

VERSION -04

JUNIPER
NETWORKS

Engineering
Simplicity

CHANGES

- DRAFT PROGRESSED TO -04 BASED ON DISCUSSIONS AND IMPLEMENTATION EXPERIENCE
- THANKS TO ACEE FOR EXTENSIVE REVIEW AND DISCUSSIONS
- MULTIPLE SECTIONS CHANGED, CLARIFIED, ADDED

DETAILED CHANGES FROM -02

- INTRODUCED GLOSSARY
- SPECIFIC SECTIONS BROKEN OUT AND CLARIFIED FOR
 - L1 TUNNEL BASED DEPLOYMENT
 - NO TUNNEL DEPLOYMENT
- TUNNEL TYPE DISCOVERY SUB-SUB-TLV BASED ON RFC9012
 - FLAG INDICATES WHETHER TUNNEL IS A FR ADJACENCY OR L1 SHORT-CUT END-POINT
 - STATICALLY CONFIGURED TUNNELS OBVIOUSLY ALLOWED AS WELL

CHANGES IN MORE DETAIL (IMPLEMENTATION/DEPLOYMENT FEEDBACK)

- MUST ON MULTIPLICITIES MOVED TO SHOULD AND VIOLATIONS LOGGED
- DISCOVERY SUB-TLVs ADVERTISED IN L1 AND L2 NOW_
- ISIS METRIC ON ALL FR ADJACENCIES SHOULD BE UNIFORM
- CLARIFICATIONS THAT WITHIN AN AREA CLUSTER ID IS UNIFORM
 - DOES NOT PREVENT MULTIPLE CLUSTERS IN AREA STRICTLY SPEAKING BUT PREVENTS A CLIENT PARTICIPATING IN MULTIPLE CLUSTERS
- CLARIFIED THAT CLUSTER ID IS USED TO CHECK ADJACENCY FORMATION

LAST AND LEAST

- DRAFT HAS BEEN IMPLEMENTED AND IN DEPLOYMENT
 - NUMBERS MEET EXPECTATIONS IN TERMS OF ADDITIONAL SCALABILITY
 - EXPECTED NO-FORKLIFT EASE OF DEPLOYMENT VERIFIED
- NO SIGNIFICANT NEW CHANGES OR COMMENTS EXCEPT CLARIFICATION WORK ON DRAFT
- READY FOR LAST CALL (AGAIN)
- BGP-LS IS BEING INTRODUCED IN IDR AND AUTO FLOOD REFLECTION IN RIFT WGS