FLOOD REFLECTOR DRAFT UPDATE

DRAFT-PRZYGIENDA-LSR-FLOOD-REFLECTION
VERSION -04
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