



OSPF-TE extensions for GMPLS Control of Evolving G.709 OTN

draft-ietf-ccamp-gmpls-ospf-g709v3-01

CCAMP WG, IETF 83rd Paris

Agenda

- Changes since IETF 81st
 - From version -00 to -01
- Open Issues
- Next steps

Changes from IETF 82nd (1/2)

- Type 3 TLV removed:

Type 1 - ■ Unreserved Bandwidth for fixed containers

Type 2 - { ■ Unreserved Bandwidth for variable containers
■ MAX LSP Bandwidth

- Added text on ODUflex advertisement

- When both resizable and non resizable (i.e. signal type 21 and 22) are supported, only signal type 21 must be advertised (as 22 is implicitly supported by 21)

Changes from IETF 82nd (2/2)

■ TSG values

- - 0 – Reserved
- - 1 - 1.25 Gbps/2.5Gbps – New interface with FB enabled
- - 2 - 2.5 Gbps only
- - 3 - 1.25 Gbps only
- - 4 - Don't care – Non OTN client

■ MAX LSP bandwidth computation modified

- It now takes into account HO OPUk bit rate tolerance

Max LSP BW = (# available TS) * (ODTUK.ts nominal bit rate) * (1-HO OPUk bit rate tolerance)

■ Examples added:

- Different TSGs
- Non homogeneous hierarchies

Open issues

- ✓ ■ Using different switching caps for each ODU type
- ✓ ■ [RFC2119] language alignment here and there
- ✓ ■ Type 2 (unres bandwidth for variable containers) and Type 3 (MAX LSP bandwidth for variable containers always used in tandem?)
- FA advertisements procedure and examples
- ✓ ■ Extend TSG fields values



Next steps

- Collect feedbacks from the meeting and ML
- Keep alignment with OTN Framework and G.709 Info Model/Framework
- Last Call if no open issue?



QUESTIONS ?

THANK YOU