

# Indication of Client Fault in MPLS-TP OAM

draft-ietf-mpls-tp-csf-01

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# Status

- Became WG draft (00) in 02/2011
- Updated to Version 01 in 03/2011
  - Based on comments received from Thomas D. Nadeau, WG chairs, et al.
  - Changes/enhancements include:
    - Highlight the scope of this draft
    - Clarification about the process of CSF on MEP/MIP
    - Enhancements of transmission/reception process (e.g. transmission period)
    - Editorial changes

# Scope of the Draft

- At the end of the WG poll, it is identified to cover especially in this draft the case of LSP coming in over an UNI and goes directly into the MPLS-TP without the PW adaptation.
- This is explicitly reflected in the draft.
  - *As to the first adaptation mechanism via a PW, the mechanism of CSF function to support propagation of client failure indication follows [static-pw-status]. The PW status relevant to CSF function is AC fault as defined in [RFC 4447] and [RFC 4446].*
  - *As to the second adaptation mechanism via LSP, the mechanism is detailed in this draft and is used in case the client of MPLS-TP can not provide itself with such failure notification/propagation.*

# CSF Process on MPLS-TP MEP/ MIPs

- CSF packets are generated and processed by MPLS-TP MEPs.
- MPLS-TP MIPs are transparent to CSF packets

# Transmission Period

- The period of CSF transmission is client and application specific.
- The updated version gives two suggested values
  - 3.33ms: for protection switching application.
  - 1s: for fault management application.

# Next Step

- Ready for WG last call?