

GMPLS RSVP-TE extensions for OAM Configuration

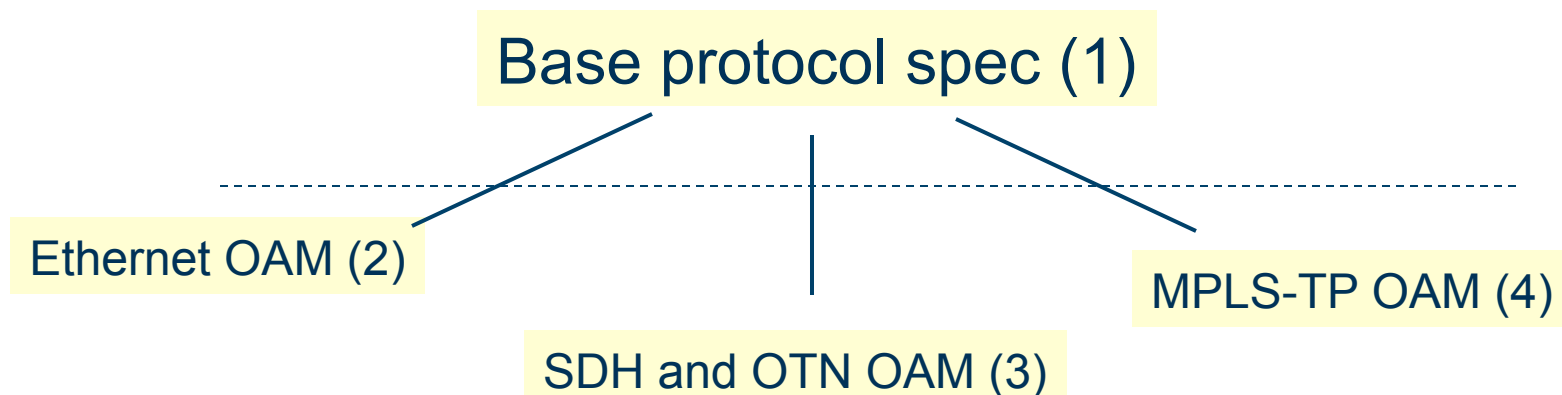
Background, Motivation and Objectives

- Extend GMPLS CP to configure OAM entities
 - Useful for any GMPLS controlled transport network
 - Also a requirement for MPLS-TP LSPs
- Avoid two separate management/configuration steps: connection setup followed by OAM configuration
 - Additional delay and processing
 - Prone to misconfiguration errors
- Need to extend RSVP-TE signaling
 - Maintenance entity identification parameters
 - Configure OAM parameters (e.g., monitoring frequency)
 - OAM control (e.g., admin down, disable/enable)

CCAMP Documents

1. draft-ietf-ccamp-oam-configuration-fwk
2. draft-ietf-ccamp-rsvp-te-eth-oam-ext
3. draft-ietf-ccamp-rsvp-te-sdh-otn-oam-ext
4. draft-ietf-ccamp-rsvp-te-mpls-tp-oam-ext

**4 CCAMP WG
documents**



Next Steps

1. draft-ietf-ccamp-oam-configuration-fwk
 - Stable, minor updates addressing comments on FMS flags
 - Ready for WG LC
2. draft-ietf-ccamp-rsvp-te-eth-oam-ext
 - Ready for WG LC
3. draft-ietf-ccamp-rsvp-te-sdh-otn-oam-ext
 - Ready for WG LC
4. draft-ietf-ccamp-rsvp-te-mpls-tp-oam-ext
 - Ready for WG LC