

SNMP MIBs to manage GMPLS with general constraint and WSON support

draft-gmggm-ccamp-gencons-snmp-mib-01

draft-gmggm-ccamp-wson-snmp-mib-00

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Motivation & Problem statement

The need of these draft proposals have been highlighted during the discussion of Black Link SNMP MIB draft presentation is IETF-83 and IETF-84

GOAL:

Integrate the Management Information Base (MIB) used by Simple Network Management Protocol (SNMP) for GMPLS and WSON based networks.

Follow the existing GMPLS MIBS (e.g. draft-ietf-ccamp-gmpls-ted-mib, RFC4802 / RFC4803).

Work Organization

- Follow current gmpls/wson document split.
- Generic:
 - draft-gmggm-ccamp-gencons-snmp-mib
 - Cover the generic encoding extensions: draft-ietf-ccamp-general-constraint-encode (and related protocol extensions).
- WSON Specific:
 - draft-gmggm-ccamp-wson-snmp-mib
 - Cover WSON Specific extensions: draft-ietf-ccamp-rwa-wson-encode.

Changes from last submission

- Status of the drafts: preliminary
- Modified:
 - Proposed MIB structure
 - Some narrative text

Next Steps

- Get ccamp consensus, directions, volunteers to grow the documents
- Define the parameters and SNMP MIB structure
- Realign the Parameters to ccamp drafts
- Submit the draft to OPSAWG for comments