

Operators Considerations on MPLS-TP OAM tools

draft-fang-mpls-tp-oam-considerations-02

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Document objectives

- Pointing out the urgent and increasing requirements of PTN applications for the metro packet transport network (PTN)
- Progress of an essential MPLS-TP OAM toolset

Document content in summary

- Carriers' activities on draft-bhh
- Requirements for MPLS-TP OAM function toolset from carriers
- OAM solutions investigation for PTN
- proposal

Update from 00 to 02-Carriers' activities

- New author (Juan Giminez from Telefonica) is added
- Hundreds of thousands of MPLS-TP based PTN nodes are being deployed in countries such as Korea, China, Japan, India, Italy, etc.
 - Draft-bhh based OAM is approved as CCSA standard and it is the de facto standard
- CMCC
 - 330,000 PTN nodes in CMCC will run draft- bhh only.
- CT
 - PTN network (support draft-bhh) with 2200 nodes has been built in 2 provinces in 2010 and 2 commercial trial PTN networks have been built in 2011.
- CU
 - China Unicom has started to build PTN commercial trail (support draft-bhh) networks in more than 10 cities.
- TI
 - finalized a tender for acquiring PTN equipment and is going to deploy them in the second half of 2011 in its metro aggregation networks.

Next step-Proposal

- Progress of an essential MPLS-TP OAM solution set to meet the urgent and increasing requirements of PTN applications for the metro packet transport network.
- adopt draft-tsb-mpls-tp-ach-ptn by IETF
- Adopt draft-fang-mpls-tp-oam-considerations as a work group document



QUESTIONS ?

THANK YOU