



MPLS-TP OAM Analysis

draft-ietf-mpls-tp-oam-analysis-03.txt

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Original purpose of OAM analysis

MPLS-TP OAM
Requirements (RFC
5860)



- IETF existing tools for LSPs and PWs
 - MPLS BFD, LSP ping, VCCV
- IETF tools for IP performance monitoring
- ITU-T tools for Ethernet OAM (Y.1731)

Main purpose was to

- Define the OAM architectural elements and functionality needed
- Analyze whether the existing tools can be used to meet the requirements
- Identify which tools can be efficiently and reasonably extended to comply with the requirements
- Advise what is needed to be specified as new work

The document has served its purpose well and **has served as an important role in the creation of a coherent MPLS-TP OAM solution.**



Document split

- The WG chairs instructed the authors to split the document into two drafts
 - 1) Giving an overview of the MPLS-TP OAM architectural elements and the tool set
 - 2) OAM primer(was merged into draft-ietf-opsawg-oam-overview).
- The split was reported and agreed in Maastricht.



OAM analysis: OAM functions in MPLS based transport network

- Gives a high level overview on MPLS-TP architectural elements supporting the OAM functionality
- Maps the set of OAM FM and PM functions to a set of tools.
- Provides the reader with a cross-reference, pointing out which tools are addressed by each of the OAM solutions documents.



Merging with "MPLS-TP OAM Toolset"

- Recently a new document on the "MPLS-TP OAM Toolset" was published. There is substantial overlap between the two documents.
- The chairs instructed the co-authors to merge the documents.
 - The title of the merged document will be "**Overview of the OAM Tool Set for MPLS based Transport Networks**"
 - The updated document will be published as draft-ietf-mpls-tp-oam-analysis-04



Questions





Thanks
