RD-QOS: Resilience Differentiated - Quality of Service

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Abstract

In the recent years two factors dominated the development of the transport network infrastructure. The first factor is the advance in optical transmission and optical network technology, which made its way from research labs and test fields to operating networks. The second trend is the continuing explosive growth of IP data traffic. The provisioning of QoS and resilience is a key requirement for today's and future IP-based networks. The current research centers on MPLS as a common platform to support both, QoS and resilience in IP-based networks.

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