

عنوان مقاله:

QoS Parameters Improvement for Converged Services in NGN with Alternate LSP Routing and Active Probing

محل انتشار:

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تعداد صفحات اصل مقاله: 15

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خلاصه مقاله:

The concept of convergence in Next Generation Networks (NGN) can be considered from different points of views. In this paper, we use IPbasednetwork with IP/MPLS packet transport backbone and differentiated services which is capable of delivering simultaneous data, voice and video traffics. We used self-similar distribution to model data and video traffics of NGN and ON-OFF model for voice traffic. In this paper we proposed analternate LSP routing approach that uses active probing in delay estimator algorithm, and then we improved QOS parameters of various types of traffic. Finally, we proved our theoretic results with a convergence NGN network simulation

کلمات کلیدی:

IP/MPLS, QoS, NGN, Convergence, Self-Similar, LSP, Probe Packet

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