PERFORMANCE STUDIO OF MULTICAST VIDEO STREAMING USING SRMSH (WedAmPO1)

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Abstract:
With the increasing deployment of multimedia real-time Internet applications, evaluating transport protocol metrics of Quality of Service (QoS) has gained rapidly increasing importance. In this paper, a novelty protocol named Scalable Reliable Multicast Stair Hybrid (SRMSH) is presented as new hybrid multiple layer mechanism for multicast congestion control providing detection and recovery loss. Then SRMSH is simulated with video streaming traffic source to measure fundamental components to real-time multimedia applications: Throughput, latency and jitter. Work is focused on performance analysis and results based on NS−2 traces clearly conclude that SRMSH exhibits interesting insights using these metrics of real-time multimedia applications.