

Figure 10: Stress tests of client adaptation in CDN server failure cases.

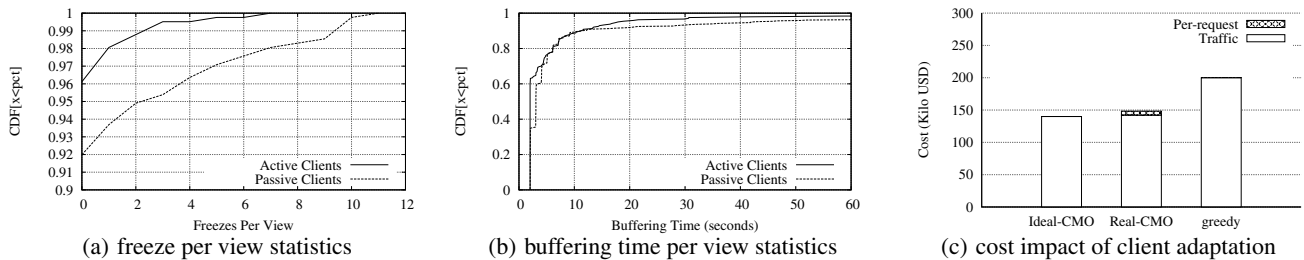


Figure 11: Per-view QoE in PlanetLab experiments.

9. CONCLUSIONS

In this paper, we have conducted the first systematic study on content multihoming, by introducing the CMO algorithm and the client adaptation algorithm to optimize both the cost and the performance for content multihoming. Our realistic evaluations show that our content multihoming algorithms reduce publishing cost by up to 40%, and reduce viewer QoE degradation by 51%.

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