As access network speeds increase, the access link is less and less often the performance bottleneck for home users. In this context, performance tests a la “speed test” are rapidly becoming inadequate. First, they measure capacity to a dedicated server, not to real application servers. Second, they are becoming too disruptive as they must send enough probes to fill up the link. Instead of focusing on active measurements of access performance, our goal is to develop a mostly passive measurement system to monitor the performance of user applications. This talk will discuss our current system which measures video streaming quality completely passively. We will also discuss the lessons learned from deploying this system in 50 homes in the US and 10 homes in France.

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