

Investigating Measurement Scheduling Strategies in Low Resource Networks

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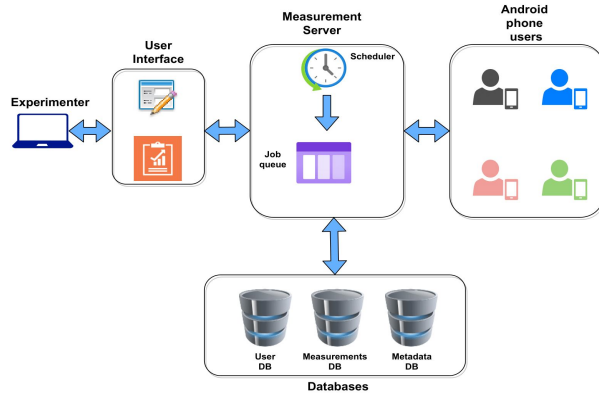


Fig.1 : Proposed architecture of QoSMon

Problem:
Observer effect for active measurements in low-resource networks

Proposed Solution:
QoSMon : A monitoring platform that makes use of intelligent scheduling algorithms

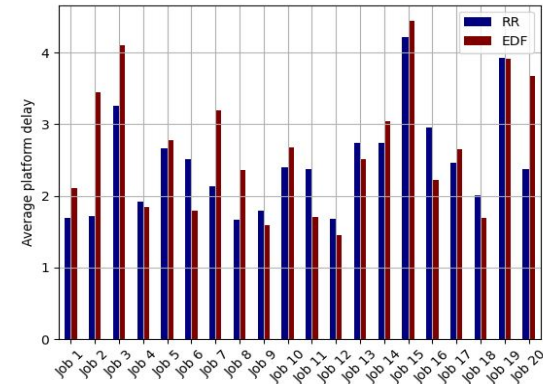


Fig.3 : Average Platform Delay for 20 jobs

Preliminary Findings:

- Lower node busy time ratio in EDF than RR
- Average platform delay rises beyond 4 minutes

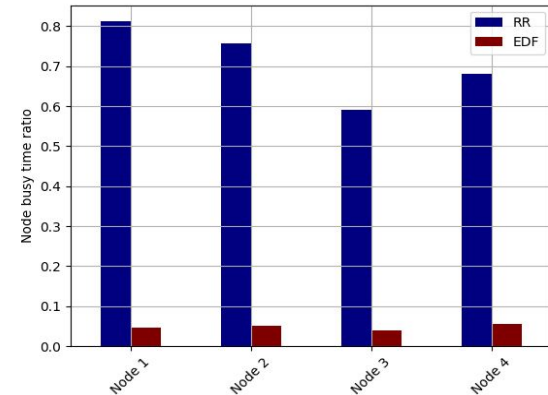


Fig.4 : Busy time ratios for 4 nodes

Future Work:

- More sophisticated scheduling algorithms
- Support for Raspberry Pi
- On-demand measurements

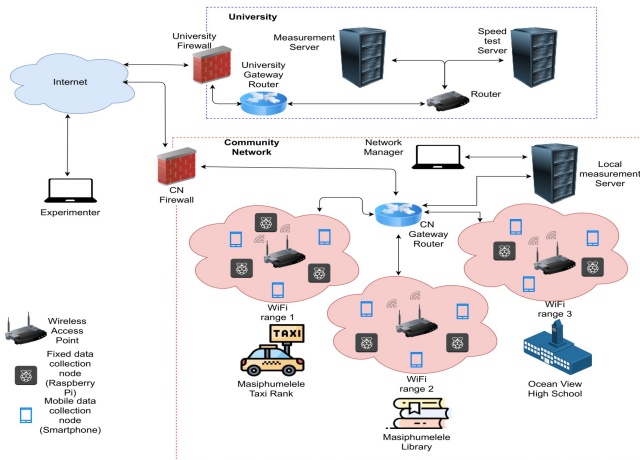


Fig.2 : Testbed of QoSMon set up in iNethi CN



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