Abstract

WiMAX Technology is also one of the emerging wireless technology that provides us high speed mobile data and telecommunication services. It provided several services such as data, voice, and video including different classes of Quality of Services (QoS), which in turn were defined by IEEE 802.16 standard. Scheduling in WiMAX became one of the most challenging issues, since it was responsible for distributing available resources of the network among all users; this leaded to the demand of constructing and designing high efficient scheduling algorithms in order to improve the network utilization, to increase the network throughput, and to minimize the end-to-end delay. In this paper, I have presented a brief study to measure the performance of several scheduling algorithms in WiMAX, which were Strict Priority algorithm (SP), Round-Robin (RR), Weighted Round Robin (WRR),
Weighted Fair Queuing (WFQ) and Self-Clocked Fair (SCF).

References

- Aymen Belghith and Loutfi Nuaymi, "Comparison of WiMAX scheduling algorithms and proposals for the rtPS QoS class"

Index Terms

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