

## عنوان مقاله:

Quality of service comparison between VoIP real-time services and best-effort data

## محل انتشار:

پنجمین همایش بین المللی افق های نوین در مهندسی برق، کامپیوتر و مکانیک (سال: 1399)

تعداد صفحات اصل مقاله: 7

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## خلاصه مقاله:

Due to several advantages of Voice Over Internet Protocol (VoIP) services, the service providers provide alternation solutions to enhance the performance of these services for the end-users. Among the solutions, this work considers two of them, first is the scheduling of the VoIP packets and second is using high-speed underlying networks. We compare the performance of VoIP services over Long Term Evolution (LTE) and 802.11ac networks over which VoIP packets are transmitted. The packets are scheduled with Priority set scheduling (PSS) and Channel-QoS Aware (CQA) algorithms and the performance is compared to when the VoIP packets are transmitted as normal best-effort packets. To achieve the objectives, six individual networks are simulated and the results are compared to evaluate the .VoIP performance

## کلمات کلیدی:

VoIP, best-effort, real-time services, PSS, CQA

## لینک ثابت مقاله در پایگاه سیویلیکا:

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