Energy Efficient Scheduling for Internet of Vehicles

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ABSTRACT

In today's society, public transportation has become an integral element of residents' everyday lives. With rising energy usage and air pollution, city planners are considering constructing green cities. Green internet of vehicles (IoV) are also required in these societies, which often rely on electric cars or battery-powered roadside units (RSUs). The research provides an energy-efficient method that takes into consideration MEC servers with a latency restriction in order to maintain connection and a smooth communication system. It also demonstrates the algorithm's efficiency in terms of energy optimization, task blocking, and latency. The outstanding concerns and current challenges for future aspects are also discussed in this study.

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