عنوان مقاله:

Task Scheduling in Fog Computing: A Survey

محل انتشار:

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خلاصه مقاله:

Recently, fog computing has been introducedto solve the challenges of cloud computing regarding Internet objects. One of the challenges in the field of fog computing is the scheduling of tasks requested by Internet objects. In this study, a review of articles related to task scheduling in fog computing has been done. At first, the research questions and goals will be introduced, and then we will explain the process of finding and selecting the articles. A comprehensive analysis of the articles will be done. We have identified and listed ۱۰ optimization metrics. Also, according to our study, in ۷۹% of the studied articles, the mathematical model was used to express the problem. In ۴۲% of the articles meta-heuristic algorithms proposed and ۸۴% evaluated their algorithm by simulation. Finally, this paper presents the challenges and open issues of task scheduling in fog computing to the researchers.

کلمات کلیدی:

Fog computing, Task scheduling, Internet of Things, cloud computing, Systematic Review