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EFog-IoT: Harnessing Power Consumption in Fog-Assisted of Things

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Abstract	Abstract:	More Like This	
	The ever-increasing use of Internet of Things (IoT) devices like smartphones, PDAs, smartwatches, etc. by the users has also	Multi-objective Cross-layer Resource Scheduling for Internet of Things in Edge-Cloud	
Document Sections	drastically increased the volume of data that needs to be processed by the cloud servers. The cloud servers are very powerful		
I. Introduction	and are capable of processing data at once. However, being a centralized paradigm and the existence of the physical gap from		
	the IoT layer, it is incapable of bulk processing of data thereby resulting in latency overhead, increased power consumption,	Computing	
II. Computational Model and	and increased service rate. This work proposes an energy-efficient method with the introduction of Fog computing as an	2020 IEEE 13th International Conference	
Problem Formulation	intermediate layer between the IoT and the Cloud for computing the tremendous data generated by the IoT devices in a	on Cloud Computing (CLOUD) Published: 2020	
III Evaluations and Discussion	distributed manner in order to reduce the power consumption. Here, a Multi-level Feedback Queue is used for target node		
	classification for minimizing the service rate, and the Fuzzy C-means++ approach is applied for clustering of available fog	Capaina Claud Computing in	

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	I. Introduction Cloud computing offers many resources such as storage, componetwork that can be shared among many users [1]. Recently, the to the Internet. These are known as IoT devices, v For this reason, the use of IoT devices is increasin users. As a result, the power consumption and communication I the expected advantage of cloud computing				
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