Patent Search

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Abstract:

The present invention disclosure is method of load distribution balancing in fog cloud computing architecture using data flow acceleration. The objective of the prese is to overcome the inadequacies of the prior art in load distribution balancing in fog cloud computing architecture using data flow acceleration. The fog cloud comput architecture performed data load distribution balancing using a data flow acceleration computer readable algorithm.

Complete Specification

FIELD OF INVENTION

The present invention is related to fog computing, particularly to fog cloud computing in IoT environment.

More particularly, the present invention relates to a method of load distribution balancing in fog cloud computing architecture using data flow acceleration.

BACKGROUND & PRIOR ART

Fog computing is extension of cloud computing and it provides faster access and reduce the response time for accessing the applications as it brings services near edge of network. Users can access fog layer easily as it is near to the Internet of Things (IoT). As the load on the cloud increases massively, so fog is considered as lo cloud, so fog layer decides what data is to be passed to the cloud data centers and which data to be processed locally. Load balancing is the process by which the w is equally distributed in the fog environment to avoid the problem of heavily loaded or idle nodes. By using effective load balancing strategy response time for acce resources can

be reduced. It helps to achieve high user satisfaction and more resource utilization, so improves overall system performance. The different previous works of load b and fog computing is listed herewith.

Some of the work listed in the prior art is as follows:

CN107071027A - Reconfigurable fog node and Internet of things (IoT) system based on fog node presents a reconfigurable fog node and an Internet of things (IoT) s based on the fog node. The reconfigurable fog node comprises a processor module, a reconfigurable configuration module, an IO configuration module, a network

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