International ACADEMY of Science,
Engineering and Technology
Connecting Researchers; Nurturing Innovations
IASET

TASK SCHEDULING IN FEDERATED CLOUD BY GENETIC ALGORITHM

M. SRIVENKATESH[1], K. VANITHA[2] & K. YASUDHA[3]

[1]Associate Professor, GITAM University, Andhra Pradesh, India

[2,3]Assistant Professor, GITAM University, Andhra Pradesh, India

ABSTRACT

Federated Cloud computing is one of the upcoming latest new computing paradigm where applications and data services are provided by multiple cloud providers over the Internet. Today's some of the business organizations use federated cloud environment. The Task management is the important role in federated cloud computing systems. Task scheduling problems are main which relate to the efficiency of the whole federated cloud computing facilities. The main focus is to study various problems, issues and types of scheduling in cloud computing. We propose Priority Based Round-Robin Task scheduling algorithm and task scheduling based on genetic algorithm for federated cloud computing environment.

KEYWORDS: Cloud Computing, Dynamic Scheduling, Genetic Algorithm, Optimization