Abstract

The resource management system is the central component of cloud computing. A resource management system matches requests to resources, schedules the matched resources, and executes the requests using scheduled resources. Resource allocation and resource scheduling is considered as very important part of resource management system. This paper discusses priority based scheduling technique on heterogeneous resources in cloud computing based upon PERT technology. This scheduling model minimizes the completion time, makespan.

References

3. Saurabh Kumar Garg, Rajkumar Buyya, "Green Cloud computing and Environmental Sustainability",


Index Terms

Computer Science
Information Sciences

Keywords

Cloud Computing, resources, scheduling, DAG (Directed Acyclic Graph).