

Research Project- Resource Management using Weighted FairShare Queuing in Heterogeneous Cloud Computing System

- **About :**

Resource management algorithm for datacenter consolidation to allocate memory, network and computational resources for heterogeneous virtual machines. The proposed algorithm performs better on throughput related metrics w.r.t. standard algorithms such as shortest job first (SJF) and First-Come-First-Serve (FCFS). It is done as a part of B Tech 3rd year research internship under prof. Reshmi Mitra (previously - Asst Prof IIIT Vadodara, now - Assistant Professor Webster University, St. Louis USA). A conference paper has been written and submitted to IEEE International conference on Cloud Computing for Emerging Markets 2018(acceptance rate is less than 10%). **The paper has been accepted.**

- **Link :**

<https://github.com/hope4/CloudComputing--Summer-Internship>

- **Link to Conference :**

<http://2018.ieeectcm.org/>

- **Link to the paper :**

<https://ieeexplore.ieee.org/abstract/document/8648643>