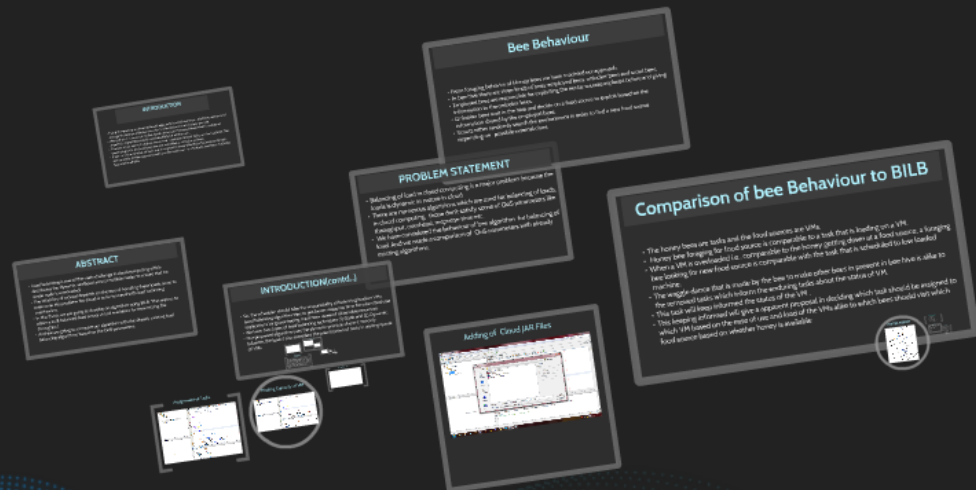


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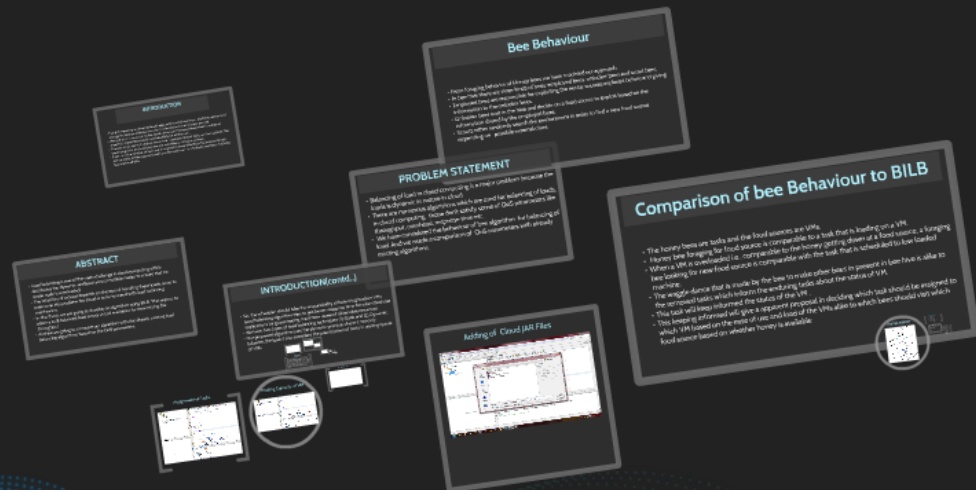


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ABSTRACT

- Load balancing is one of the main challenge in cloud computing which distributes the dynamic workload across multiple nodes to ensure that no single node is overloaded.
- The reliability of a cloud depends on the way of handling these loads, so as to overcome this problem the cloud is to be featured with load balancing mechanism.
- In this thesis we are going to develop an algorithm using BILB. That aspires to attain a well balanced load across virtual machines for maximizing the throughput.
- And we are going to compare our algorithm with the already existing load balancing algorithms based on the QoS parameters.

INTRODUCTION

- Cloud Computing is a internet based approach in which software, platform, servers and storage that are provided as a service to the customers on the pay per use.
- Many of users can access to the cloud services at the equal time which is makes an essential impart like scalable and reliability for all the users.
- The consumer wants to reduce the overall execution time of tasks on the machine. The processing units in cloud Environment are called as virtual machines.
- If one or more number of tasks are consigned to more VMs that should execute tasks concurrently, in this case we should concentrate more on the loads and they should be balanced in all VMs