

Cloud Virtual Machine Performance Testing



These days, Cloud Computing is one of the hottest topics of discussions. Cloud Computing is a pool of resources that can be accessed dynamically. There are many cloud providers in the market right now, and choosing the best among all of them is an arduous task. In this assignment, three different cloud providers are going to be tested, analyzed and compared. The cloud providers chosen are Microsoft Azure, Google Cloud Platform and DigitalOcean. A comparative study has been made of performance parameters that include CPU usage, memory usage, network speed and latency. Results: DigitalOcean provides the most computing power and memory write speeds for the least amount of money. Other than that, Google Cloud Platform provides the fastest storage solution. Microsoft Azure on the other hand has the most features and services.