Abstract

Cloud computing is the recently emerged technology which has gained popularity among organizations and corporates. For better services of the cloud, there is need for some kind of testing. Cloud testing then came into existence which referred as a form of testing in which cloud computing environment is used by web applications to simulate real world user traffic. Testing somehow saves the cost of maintenance which is helpful for the customers. This paper provides us with various cloud testing techniques, challenges, issues and benefits in testing areas. It also elaborates all the fundamental concepts regarding features and requirements in cloud testing. Furthermore, various cloud testing platforms are also discussed briefly. Cloud testing has been explained widely in this paper that would help to understand various aspects of cloud testing in a much better way.

References

- Jerry Gao, Xiaoying Bai & W. T. Tsai, "Cloud Testing- Issues, Challenges, Needs..."
Cloud based Testing Techniques (CTT)


- Overview of Testing in Cloud By Kulamani Sahoo, 18 Apr 2013.


- Keerti Kulkarni; Testing Services through Cloud;, A White Paper, MicroFocus.


- Neha Mehrotra (2011); Cloud Testing Vs Testing a Cloud;, Infosys Viewpoint.


- Acutest, Acutest Cloud Testing Services, Url: http://www.acutest.co.uk.

- Cognizant reports ?Taking testing to the Cloud, March 2011.

Cloud based Testing Techniques (CTT)

- Pat Hyek, &quot;Cloud Computing Issues and Impacts&quot;; Global Technology Industry Discussion Series, 2011.

Index Terms

Computer Science

Testing

Keywords

Cloud Testing  Cloud computing  Testing  Cloud forensics.