Software Testing is a challenging activity for many software engineering projects and it is one of the five main technical activity areas of the software engineering lifecycle that still poses substantial challenges. Testing software requires enough resources and budget to complete it successfully. But most of the organizations face the challenges to provide enough resources to test their software in distributed environment, with different loading level. This leads to severe problem when the software deployed into different client environment and varying user load. Cloud computing is a one of the emerging technology which opens new door for software testing. This paper investigates the software testing in cloud platform which includes cloud testing models, recent research work, commercial tools and research issues.

Abstract

Software Testing is a challenging activity for many software engineering projects and it is one of the five main technical activity areas of the software engineering lifecycle that still poses substantial challenges. Testing software requires enough resources and budget to complete it successfully. But most of the organizations face the challenges to provide enough resources to test their software in distributed environment, with different loading level. This leads to severe problem when the software deployed into different client environment and varying user load. Cloud computing is a one of the emerging technology which opens new door for software testing. This paper investigates the software testing in cloud platform which includes cloud testing models, recent research work, commercial tools and research issues.

References

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Index Terms

Computer Science  Software Engineering

Keywords

Software Testing  Cloud Testing  Testing Tools