Abstract

The emergence of cloud computing has brought tremendous impact on software organizations and software architecture design. The new environment requires software testing methods, technologies and tools to be changed. This research summarizes the contents of software testing in cloud computing environment. The definition, characteristics, types and scope of cloud computing software testing are discussed in presented research. Discussion of software testing services related research work is performed. Finally, it points out some issues that should be studied deeply in software testing in cloud computing environment.

References

Practice”, Software engineering: an international Journal (SeIJ), Volume 1, Number 1, September 2011.


Cloud Computing Software Testing Research Advancements


34. Gao J., Bai X., Tsai W.T., and Uehara T. 2013."Testing as a service (TaaS) on clouds", In Service Oriented System Engineering (SOSE), 2013 IEEE 7th International Symposium on (pp. 212-223). IEEE.


Index Terms
<table>
<thead>
<tr>
<th>Computer Science</th>
<th>Software Engineering</th>
</tr>
</thead>
</table>

**Keywords**

Software Testing, Cloud Computing, Cloud Testing, TaaS, SaaS, PaaS