

## **COST EFFECTIVE METHOD FOR SOA APPLICATION PERFORMANCE TESTING**

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### **Abstract**

SOA Applications are self-contained applications that can run universally across the Internet. They are built using Extensible Markup Language (XML) and Simple Object Access Protocol (SOAP). They serve as building blocks enabling the rapid development and deployment of new applications. They are primarily used as a means for businesses to communicate with each other and with client; SOA Applications allow organizations to communicate data without having intimate knowledge of each other's IT systems behind the firewall. Performance Testing of SOA Applications is different from other application testing. Any changes done in the SOA Applications might change the object property that the service exposes. So, the Performance Test scripts need to be modified each time a change is made at the Web Service level which defeats the whole purpose of automation. In this white paper, we are presenting an easier and cost effective solution to Performance Test SOA Applications using the Open source Tool Apache JMeter.

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**Keyword :** SOA Application, JMETER, Performance Testing, Open source