

Performance Evaluation & Comparative study of Oracle APEX, PHP and .NET Applications with Testing Tools

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ABSTRACT

Software Development is changing rapidly and it also have different options to choose from for the development of application or website. Many application have been developed and deployed daily and all those applications or websites were tested to check the performance before they are deployed. To evaluate the performance of any application or website many open source and paid application is available so that testing team can test the performance of each application or website.

This paper focus on the Performance evaluation of basic application developed in Oracle APEX, PHP and .NET. APACHE JMeter have been chosen to measure the performance of above application with different virtual load. How applications behaves in different environment have been tested and results recorded. In APACHE JMeter initial test have been conducted with minimum number of virtual user load and slowly increased the user load to test the performance of an application. Different performance measures like Virtual User, Median, Throughput, and Average have been evaluated.

KEYWORDS

Performance Evaluation with JMeter, Oracle APEX Performance Evaluation, PHP Performance Evaluation, .NET Performance Evaluation, Apache JMeter, HP Load Runner

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