

Performance Testing

FCS Performance testing services comprehensively evaluates the performance of the application for its scalability, speed of the response, behavior at different loads using industry standard open source and commercial performance testing tools.

FCS believes that success of any application depends on how well application performs. Poor performance of an application will eventually lead to end user dissatisfaction and loss of business. FCS performance engineering team offer comprehensive Performance analysis and optimization of the applications.

Requirement Assessment: Understanding the load pattern, identifying the Performance acceptance criteria, Identifying & setting up the stress environment.

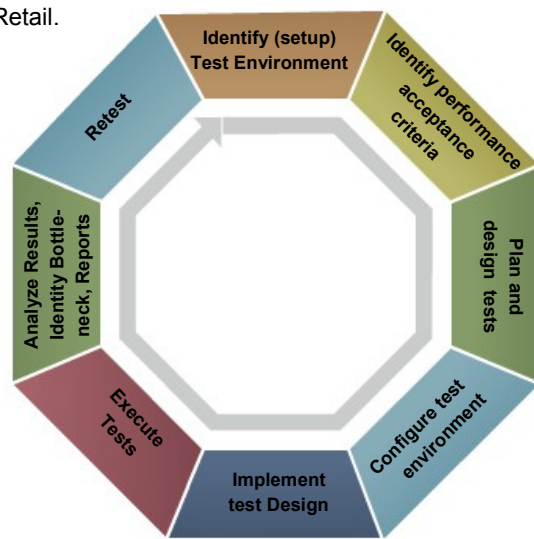
Design Test: Design Load scenarios which reflects customer requirement, generate scripts, execute the scripts, monitoring execution with appropriate performance counters .

Performance Evaluation & Analysis: Check performance metrics at different load levels, evaluate the scalability of the application, identifying the Breaking point, identifying the performance bottlenecks & Report the results

FCS has experience of improving the performance of applications from varied domains like Banking, Insurance, Finance and Retail.

Our Approach:

FCS has well defined approach towards load testing Starting with understanding the business requirements ... the load pattern, business critical scenarios, infrastructure, Performance thresholds, Performance Targets, Constraints (user, system and business)



We believe that all application cannot have same load testing approach For example ETL Load testing approach cannot be same as the banking application. In the first case performance criteria would be volume of data carried (Volume testing) & time taken for that , in the second case, it could be response time ,resource utilization ,TPS, scalability (load or stress testing) etc...

FCS believes that load testing should be done

- As early as possible
- As often as possible

We also do capacity testing for new and existing systems and suggest the changes in the infrastructure to meet the increasing load (users).

Features

FCS offers the following Performance Evaluation and Performance Analysis services

- Load
- Stress
- Endurance
- Scalability
- Volume Testing
- Reliability
- Bottleneck Identification

FCS has the resource pool with experience of performance evaluation of applications in various technologies like webapps, ETL, BI etc

We can provide remote load testing over the internet, we can setup stress environment as close to the production environment as possible

Key benefits:

- Compare the current performance characteristics of the application with the performance characteristics that equate to end-user satisfaction.
- Verify that the application exhibits the desired performance characteristics, within the budgeted constraints of resource utilization
- Analyze the behavior of the application at various load levels
- Identify bottlenecks in the application
- Determine the capacity of the application's infrastructure, and to determine the future resources required to deliver acceptable application performance
- To compare different system configurations to determine which one works best for both the application and the business.

