Oracle Load Testing Service for Oracle Fusion Cloud Service

Oracle Load Testing service helps Customers increase uptime, lower cost and reduce risk by providing a customized load testing solution to evaluate the impact of a planned technology change on performance of Fusion Cloud applications. This enables the customer to identify and address issues before go-live or other critical business periods. The service delivers comprehensive testing, detailed analysis reports with findings and recommendations from load testing experts. The service helps to optimize the environment for customer requirements by rerunning the tests with recommended changes. Reports include detailed data and analysis of expected user experience.

**Service Detail**

**The Service Includes:**
- Support from an Oracle Load Testing expert who will work with you to create customized Load Tests that simulate the key application transactions for your business and real concurrent end user workloads.
- Customized testing for application flows performed on a secure cloned copy of your production environment before go-live or before any other critical business periods.
- Using the latest automated technology, interactive tools and Load Testing expertise, Oracle will deliver you detailed analysis reports with findings and recommendations.
- Load tests are rerun with recommended changes to evaluate impact and optimize performance.
- Reports include detailed data and analysis of user experience including response times for navigation steps with variable workload.

**Service Benefits**

Organizations that use Oracle Load Testing to execute load tests and optimize application performance will realize significant benefits in the following areas:

- **Increased Application Quality & Performance:** By leveraging test automation for load testing, organizations have been able to extend their test coverage, test their applications under production-level workloads and identify and address performance bottlenecks prior to deployment, when they are less costly to fix.
- **Reduced Time & Cost:** Oracle Load Testing Service would perform the tests in a separate dedicated zone freeing up your environments for other project needs. There is no need to license any testing automation software or hire experts in load testing and performance tuning. Oracle experts would script, run and analyze test results freeing up valuable human resources.
Use Cases for Oracle Load Testing Server

There are several use cases which would benefit from leveraging this comprehensive testing solution for Oracle Fusion Cloud Service environments:

- Customers who want to ensure optimum performance and availability upon Go-Lives or during other critical business periods.
- Customers with large growth expectations or who are planning on adding large volumes of data or new users to the Service.
- Customers who want to evaluate the impact of Release upgrades on Performance and Scalability.

Oracle Load Testing Process

The Load Testing process will be delivered by an Oracle Load Testing expert who will work with you throughout the duration of the project. Below is an overview of the Load Testing Process:

Load Testing Project Plan
- Discussion between you an Oracle Load Test expert to discuss service expectations, desired outcomes and success criteria.
- Customer and Oracle review service’s historical performance for a period of time to identify peak load times and concurrency.
- Define a project plan that covers the load testing plan, defining load tests, timelines and service outcomes.

Load Testing Scope and Preparation
- Customer to define and setup business flows to be tested. Oracle load testing team will provide best practices guidance.
- Populate data bank and setup test users.
- Define load test strategy including user ramp up, concurrency and transaction run rates.
- Create Test script in Source environment

Load Test Environment Readiness
- Customer to identify one of the customer environments for load testing.
- Customer to request P2T using standard process, if needed, to load production data into target environment.
- Customer to identify data obfuscation and masking needs and follow standard process to get it implemented.
- Oracle to perform environment resizing to match load testing requirement.

Load Testing Execution
- Execute load tests scaling up to peak concurrency as defined in load test strategy.
- Monitor system performance.
- Analyze load testing in context of desired outcome and Identify gap from defined success criteria.
- Identify and Implement recommendation working with Support and Cloud Teams.
- Rerun load tests.
Review Load Test Reports

- Your Oracle Load Test expert will share a comprehensive report.
- Response time and distribution of individual transactions over different workloads.
- Identified gap from defined success criteria.
- Remediation action to address the gap.

Contact Us
For more information about Oracle Load Testing for Fusion Cloud Service Applications visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.