



Orasi Performance Testing: Best Practices Assessment and Mentoring

During Orasi's Performance Testing Best Practices Assessment and Mentoring service, a consultant will provide consulting services to your performance test staff in the following areas:

- Use of performance testing software, load testing methodologies, and best practices by conducting an assessment of current testing practices and procedures with the intent of suggesting interventions to increase the efficiency and accuracy of current testing practices.
- Mentoring and knowledge transfer in the best practices for performance testing.
- Evaluation of the current installations and testing of proper functionality and service delivery. Shortcomings will be addressed and corrected.
- Additional consulting services to assist the test team will be delivered as needed.

Assessment

The Orasi team provides assessment recommendations based on a repeatable load and performance testing process such as:

Planning:

Proper procedures for planning a load test, including what to document prior to testing and defining the scope of the test.

Design:

Considerations for designing scripts, scenarios, and configuring monitors and data to achieve the goals documented in the planning stages.

Why Orasi?

Orasi has a long history helping clients propel their software initiatives. Orasi's comprehensive expertise in consulting services empowers your organization to achieve superior testing, faster time-to-market, and improved customer satisfaction. We help you optimize your testing process, mitigate risks, and deliver robust applications. Experience the power of Orasi's performance testing best practices assessment and mentoring and gain a competitive edge in today's fast-paced digital landscape.

Construction:

The mechanics of building scripts, scenarios, and configuring monitors for a load test.

Execution:

Techniques and best practices for applying load and using run-time monitors.

Data Reduction:

Approaches for quickly identifying issues from preliminary load test data.

Data Analysis:

Detailed analysis of load test results to identify the causes behind the issues discovered during data reduction.

Implement Change and Retest:

Working with development to implement changes brought about by data analysis and retesting to validate the effectiveness of those changes.

Reporting:

Relaying load test results to the proper audience the proper level of detail.

Areas of Emphasis for the Assessment will Include:

- Use of a repeatable load testing process with specific objectives.
- Choosing the best recording options and runtime settings for scripts, as well as adding intelligent error handling and verification for virtual user scripts.
- Creation of virtual user scripts in your application environment(s).
- Creating scenarios to achieve specific load and performance testing objectives as well as common performance issues.
- Effective data reduction and analysis including how to spot issues and trends in performance and server metric data, with a focus on application observability integration.
- Creating effective reports for the proper audiences (e.g. development vs. management).

A full performance testing assessment evaluation and report, including recommendations for best practices, will be delivered at the conclusion of the engagement.

The Orasi Difference

Orasi is a DevSecOps innovator enabling the acceleration, delivery, and adoption of software applications and cloud infrastructure through automation. Orasi's services and solutions offer full lifecycle support and integration to ensure quality, security, and scalability of transformative applications.

For more information visit us at www.orasi.com.



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