

ORACLE TESTING AS A SERVICE

ORACLE TESTING AS A SERVICE

KEY FEATURES

- Private testing cloud for application testing with Web-based self-service interface.
- Test lab management and on-demand provisioning
- Secure library for test assets
- Integrated support for EBS, Siebel, Fusion, JD Edwards EnterpriseOne, Peoplesoft and Hyperion applications
- Enables load testing by simulating hundreds to tens of thousands of users
- Gathers critical application and infrastructure performance metrics to identify bottlenecks
- Automatic estimation of hardware resources for load testing
- Integration with Oracle BI Publisher for reporting

KEY BENEFITS

- Reduces testing time by automating and orchestrating provisioning and test execution
- Enables application owners or ITOps to perform testing quickly and easily before any application upgrades
- Maximizes application performance by allowing developers to test and tune the application under peak load conditions
- Improves application response times by quickly identifying and addressing bottlenecks
- Provides deep diagnostics information and suggestions on how to address database related issues through integration with Oracle Database Diagnostics Pack

Oracle Testing as a Service (TaaS) is a cloud-based platform for delivering automated application testing services. It is a self-service solution designed for private clouds that orchestrates the testing process end-to-end by automating the provisioning of test labs including application under test and test tools, executes load and/or functional test scripts against the application, provides rich application monitoring and diagnostics data for analysis, and also has sophisticated chargeback facility for metering and charging the usage of the testing cloud to end-users. Delivered through Enterprise Manager Cloud Control, TaaS makes it possible to significantly reduce testing time and costs without compromising quality and enables organizations to be more agile in delivering critical business applications to their users

Oracle Testing as a Service brings more agility to testing

Although testing is imperative after patches, updates or configuration changes to applications, it is frequently neglected simply because of the amount of quality assurance resources required and the time and hardware needed for proper testing. QA organizations often spend 50% or more of their time just preparing for testing on activities like organizing hardware, deploying application test environments and testing tools, etc., which makes them less productive and the testing process less agile and more time-consuming. As a result not all application changes are adequately tested leading to higher risks and lower application quality.

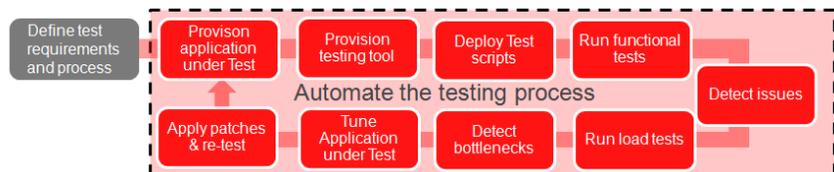


Figure1. Oracle TaaS automates all steps of the testing process.

Oracle TaaS allows QA organizations to efficiently deliver testing services on shared private cloud infrastructure. Its key capabilities include:

- Self-service, Web interface enabling end-to-end orchestration of all steps of the testing process.
- Complete test lab provisioning and management including ability to deploy complex multi-tier applications, test tools and test scripts.
- Secure library with full access controls, preventing un-authorized access.
- Shared cloud hardware resource pools to help maximize hardware utilization with full resource and quota controls and enforcement.
- Integrated and rich application monitoring and diagnostics for middle tier and data tier so that QA engineers can easily detect bottlenecks and problems for the applications under test.
- Flexible resource metering and chargeback so that internal cost centers or groups within organizations can be charged based on their usage of cloud resources.

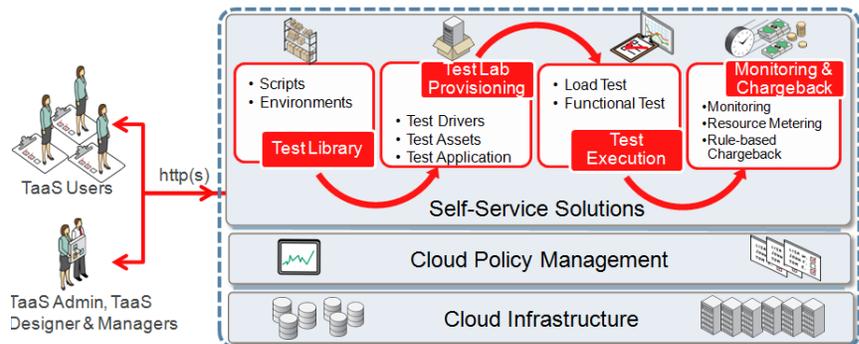


Figure2. Oracle Testing as a Service

RELATED PRODUCTS

Oracle Testing as a Service delivers maximum benefits when used with the following Oracle products

- Oracle Load Testing
- Oracle Load Testing Suite for Oracle Applications
- Oracle Functional Testing
- Oracle Functional Testing Suite for Oracle Applications
- Oracle Enterprise Manager 12c
- Oracle Virtual Assembly Builder

Ensuring Application Quality

With Oracle Enterprise Manager and TaaS it is possible to dramatically reduce your testing time as well as empower non-testers to participate in the testing process in a totally new way. You will benefit from increase productivity, getting testing done faster than ever before thanks to TaaS automatic lab management and test orchestration. By using TaaS, you can be sure that you have time to properly test and verify all your patches, configuration changes or updates to your infrastructure or applications and by doing so ensure high quality and reliability of your critical business applications without having to worry or spend time on hardware setup, deploying applications or testing tools.

The TaaS private testing cloud doesn't only allow you to work more efficient, it will also allow you to utilize your hardware resources much more efficiently and therefore amortize your hardware investments faster.

Oracle TaaS is fully integrated with Oracle Application Testing Suite products; Oracle Load Testing and Oracle Functional Testing which is provided as out-of-the-box pre-configured assemblies that may be deployed within minutes into your private TaaS cloud. Oracle TaaS supports both functional and load testing so that you can ensure your application meets your organizations quality requirements and that your business critical systems drive revenue.

Contact Us

For more information about ORACLE Testing-as-a-Service, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.



Oracle is committed to developing practices and products that help protect the environment

Copyright © 2011, Oracle and/or its affiliates. All rights reserved.

This document is provided for information purposes only and the contents hereof are subject to change without notice. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. We specifically disclaim any liability with respect to this document and no contractual obligations are formed either directly or indirectly by this document. This document may not be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose, without our prior written permission.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. UNIX is a registered trademark licensed through X/Open Company, Ltd. 1010

Hardware and Software, Engineered to Work Together