

ManageEngine QEngine Overview

ManageEngine QEngine offers integrated solutions to test and verify the functionality and performance of both web applications and web services. This includes

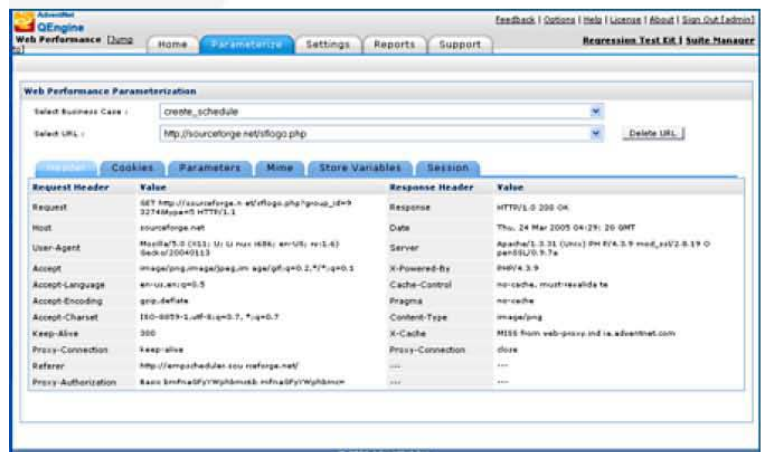
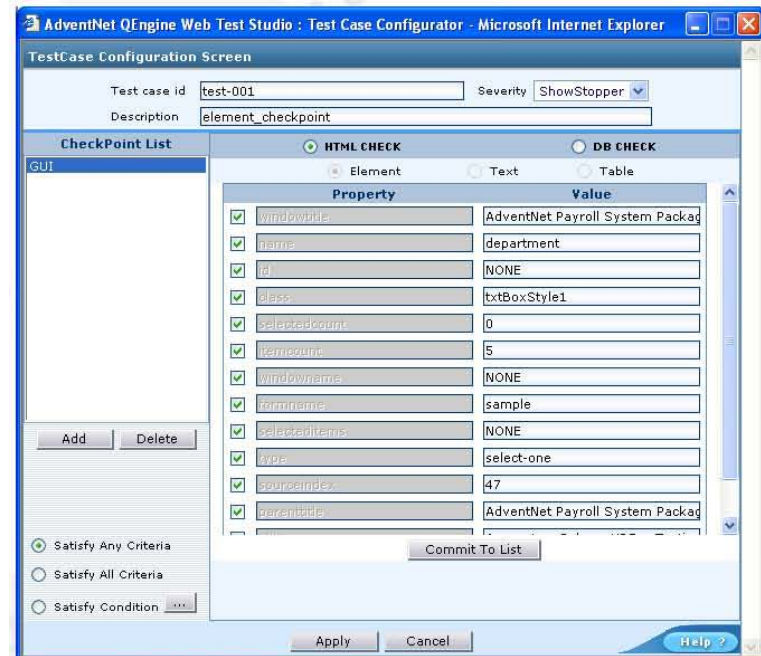
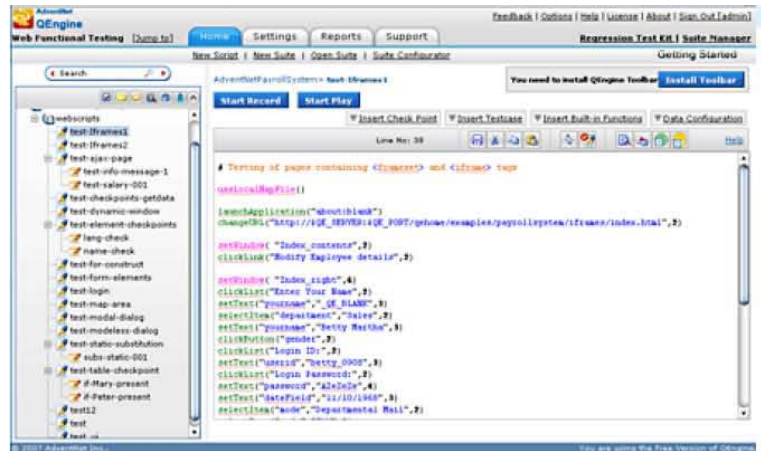
- ManageEngine QEngine WebTest: For functional testing of your web applications using the record and playback capability and performance testing to realistically simulate load for a large number of users to gather the performance and stability information of your Web application.
- ManageEngine QEngine Web Services Testing: For functional and performance testing of your web services that are bound with the SOAP/HTTP binding.

Highlights

- No Learning Curve to use the scripts.
- Web UI for easy access to the test scripts from any machine.
- Single tool for both functional and performance testing.
- Support for Web services functional and performance testing.
- Data-Driven test scripts.
- QEngine toolbar for complex page record/playback.
- Auto & Customizable Error recovery for unattended testing.
- Commandline Regression testing at no extra cost.
- Scheduling for unattended execution at no extra cost.
- Serve & Database Monitors at no extra cost.
- InBuilt QEngine Issue Manager to track and manage issues.
- Support for testing across browsers like IE, Firefox, Mozilla.
- Powerful Editor to customize your scripts.
- Creates scripts in Centralized server, so no extra cost for maintenance.
- User access privileges support for privatization of test data.
- Best Price-Feature Ratio.

Web Testing (Functional /Performance)

- Multi Language/Browser/Platform Support
- More than 100 functions to check your GUI, Databases and Files.
- High class built-in Exception & Error Handling.
- Development to Production, Use same script.
- Anytime-Anywhere Access to the scripts and testcases.
- Firefox 1.5 & 2.0 support in addition to IE 6.0 & 7.0 and Mozilla browsers.
- Supports Ajax applications fully in functional/performance testing.
- User Behaviour configuration in load testing.
- Thousands of Virtual Users Simulations in clicks.
- Real Time Server & Database Monitors at no extra cost.
- HTTP/HTTPS, 1.0/1.1 support.
- GZip, chunked, file attachment support at no extra cost.
- Automatic Handling of Dynamic Cookie for Session Management.
- Bandwidth simulation, Unique IP simulation at no extra cost.
- Distributed Load Testing to generate heavy load.
- Reports/Graphs provides in-depth analysis of load test results.
- QEngine Unique BottleNeck analysis graph.
- HTML_CSV report format to generate your customized reports.
- Accurate results to optimize the performance of websites



Web Services Testing (Funtional/Performance)

- Automatic script generation from WSDL.
- Support for complex data types and arrays.
- Testing of asynchronous capabilities of web services
- MIME Attachment support at no extra cost.
- Provision to set customized properties before invoking the service method.
- Powerful Validation functions that include differentiation of actual and expected XML responses.
- Detailed HTML/XML report generation.
- Capture response time for individual operations in load testing.
- XML Validation Functions for response validation during load test.
- Easy parameterization of method inputs.
- Real time Server & Database Monitors at no extra cost.
- More customization support through Jython scripting language in use of anyJava object.

Graphs and Reports

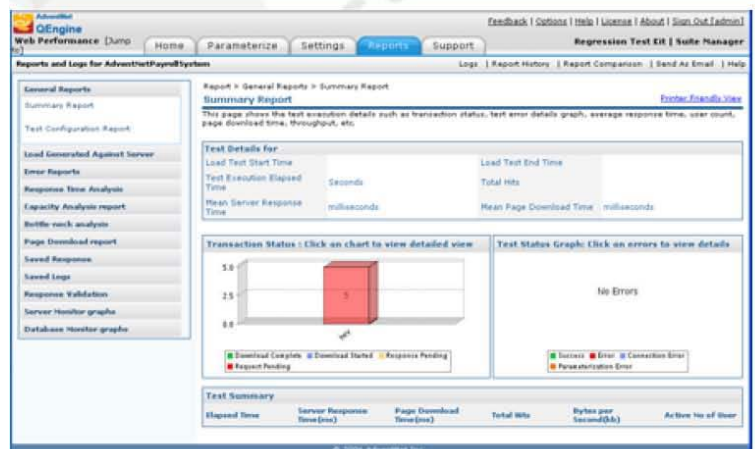
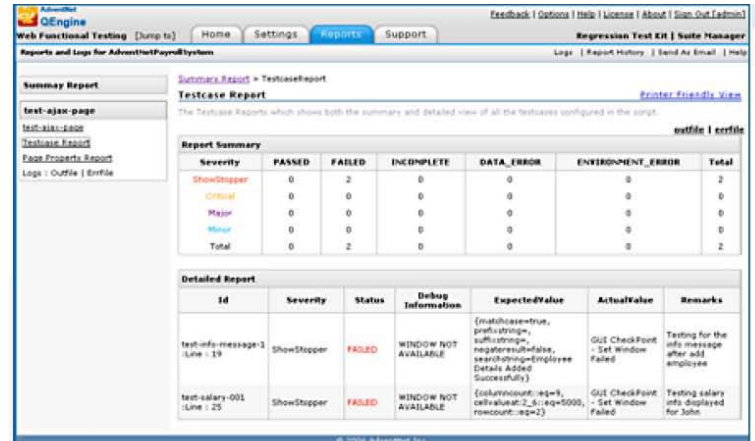
- HTML based reports
- Summary/Detailed reports and graphs
- CSV based report to load it in Excel or any other databases for customization.
- QEngine unique bottleneck analysis graph.
- Data Transfer Rate.
- Load generated against server statistics
- Server Response Time statistics
- Page Download Time statistics
- Error reports
- alidate your pages during load test & get response validation reports.
- Real Time Server CPU/Memory Monitor graphs during load test at no extracost.
- MYSQL, ORACLE, MSSQL Database Monitor graphs during load test at noextra cost.
- Throughput, Hits/sec, Active user graphs

Test Management

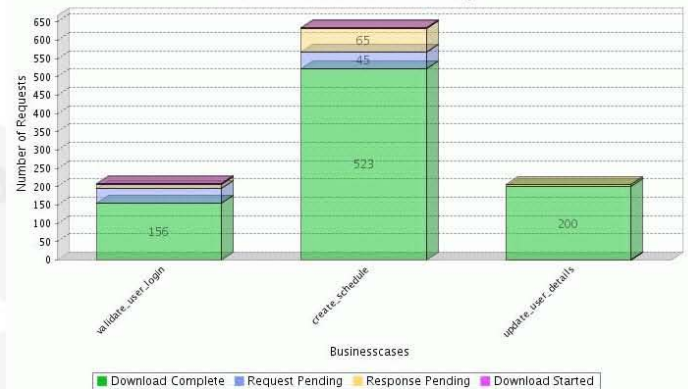
- Jython/XML based Scripts
- Easy Customization to use your java objects if needed.
- Powerful Script Editor
- Point and Click Web User Interfaces
- Provision to Import/Export Test data
- Built-in Issue Tracker
- User access privileges support for privatization of test data.

Benefits

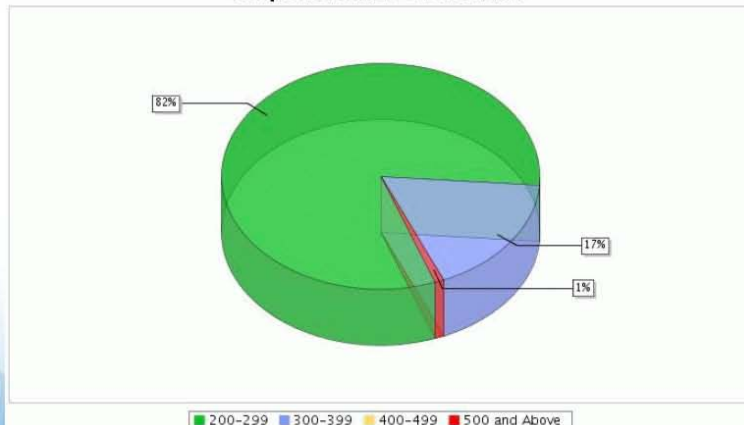
- Cost-effective with single tool architecture.
- QEngine Contain necessary features, So no cost wastage for unused features.
- Faster return on investment
- Improves the quality of your business-critical web applications
- Easy-to-use web UI to get you started in minutes!
- No extra cost for regression, acceptance and other repetitive tests
- Easy configuration for distributed playback
- Test & Claim multiple browser support in minutes.
- Reusable test scripts



Transaction Status Summary



Response Status Distribution

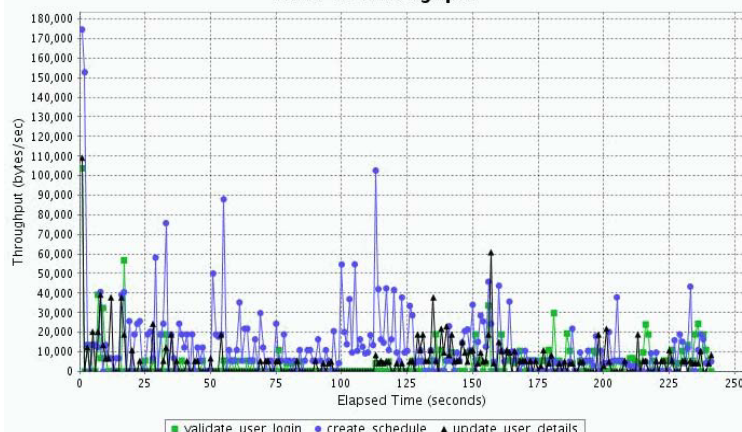


Functional Testing, Load Testing, Performance Testing, Regression Testing of
Web Applications & Web Services.

System Requirements

Hardware	PIII 500 MHz 256 MB RAM or higher 120 MB for installation 250 MB for space after installation.
Software	Windows NT 4.0/2000/2003/XP Linux 7.2 & above
Supported Browsers	Internet Explorer 6.0 & 7.0 Mozilla 1.7.6 - 1.7.12 Firefox 1.5.* & 2.0

Time Vs Throughput



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About ManageEngine

ManageEngine is the leader in low-cost enterprise IT management software. The ManageEngine suite offers enterprise IT management solutions including Network Management, HelpDesk & ITIL, Bandwidth Monitoring, Application Management, Desktop Management, Security Management, Password Management, Active Directory reporting, and a Managed Services platform. ManageEngine products are easy to install, setup and use and offer extensive support, consultation, and training. More than 30,000 organizations from different verticals, industries, and sizes use ManageEngine to take care of their IT management needs cost effectively. ManageEngine is a division of ZOH0 Corporation. For more information, please visit www.manageengine.com.