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# WebLOAD vs. LoadRunner Which Tool is Right for You?

**RADVIEW**

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## Introduction

WebLOAD, similarly to LoadRunner, is a leading enterprise-grade performance and load testing solution with rich capabilities, incorporating over 20 years of ongoing innovation and product development.

Three key evaluation criteria are commonly considered by enterprise buyers when selecting a performance testing tool:

- Features
- Cost of ownership
- Technical support

WebLOAD provides you with a feature set that is comparable to LoadRunner at a significantly lower cost, with faster and more attentive support.

## Features

Like LoadRunner, WebLOAD is designed to address large-scale performance testing needs for enterprise web applications, including the most complex systems and integrations. It offers:

**Powerful yet easy to use test creation** with correlation, parameterization, response validation, messaging, native JavaScripting and debugging.

**Flexible load generation** that can simulate massive user load – both locally and in the cloud.

**Comprehensive analytics** with over 80 configurable report templates and a web dashboard for collaborative root cause analysis.

**Integrations** with complementary enterprise applications such as APM tools (Dynatrace, AppDynamics, NewRelic), open source software (Selenium, Jenkins, Git), mobile testing (Perfecto Mobile), functional testing tools (Ranorex, Original Software), and more.

**For a side-by-side comparison of WebLOAD and LoadRunner, see the [table](#) in this document.**

**For a detailed description of WebLOAD features and capabilities, see the [Load Testing Best Practices using WebLOAD](#).**

## Cost of Ownership

WebLOAD's simple licensing fee covers all features, protocols and integrations. You'll never be surprised with unexpected costs to support a new set of technologies.

**License and maintenance costs for WebLOAD are roughly 50% of LoadRunner's, while providing double the number of virtual users.**

## Technical Support

Instead of long waits and multiple levels of support personnel, with WebLOAD you'll be getting quick answers from a load testing expert right on your first call.

Here's what some of our customers say about our technical support

	<p>RadView's support makes me feel like I'm their only customer – they are always there when I need them.”  <i>- Andras Vermes, Manager of Quality &amp; Release Services</i></p>
	<p>Support response is ultimate. If you have any problem, they are always available.” - <i>Sandeep Pokala, Performance Engineer</i></p>
	<p>“I have been and continue to be impressed with the level of expertise and responsiveness of the WebLOAD support staff.”  <i>- Steve Stonebraker, Director of IT</i></p>
	<p>“They're very responsive and willing to work extra hours. In the first couple of hours that we were up and running, they taught us how to implement it and to figure out and negotiate AWS. They were excellent.”  <i>- Kelly Baran, Director of Administrative Services</i></p>
	<p>“They are the best of all of the vendors I deal with, hands down. They are there when we need them. I couldn't ask for anything more.”  <i>- Troy Marshall, Senior Manager, Software Test Engineering</i></p>
	<p>“It's excellent. I ran in to one issue where I didn't understand something in the script. They gave me an immediate answer and I was very happy, worked like a charm. – <i>John Roberts, Director, Test Engineering</i></p>

## Switching to WebLOAD

WebLOAD's architecture and usage model is intuitive and easy to learn. This allows for a painless transition and minimal learning curve when moving from LoadRunner to WebLOAD.

- We offer free specialized training designed specifically for transitioning your load testing team to WebLOAD.
- Scripting services by experts in both tools are available upon demand.

## Customers that have made the switch

Below are some customers that have switched to using WebLOAD as their primary performance testing tool.



**“THE TESTING TEAM HAS THE SAME OR MORE FLEXIBILITY AS WITH LOADRUNNER, JUST WITH MUCH BETTER PRICING AND SUPPORT.”**

***Carlos Varona,***  
***Director of Administrative Systems,***  
***Florida International University***

## Feature Comparison Table

### Legend

- ✓ Fully supported out of the box
- ✘ Not Supported
- ↗ Limited Support

	WebLOAD	LoadRunner
<b>Platforms</b>		
<b>Windows OS</b>		
User Interface (Controller)	✓	✓
Execution Agent (Load Generator)	✓	✓
<b>Unix/Linux (general)</b>		
User Interface (Controller)	✘	✘
Execution Agent (Load Generator)	✓	✓
<b>Protocols &amp; Technologies</b>		
<b>Web 2.0 &amp; Rich Internet Applications (RIA)</b>		
HTTP/HTTPs	✓	✓
HTML5	✓	✓
XML/SOAP	✓	✓
Web Services/WSDL	✓	✓
REST	✓	✓
WebSockets	✓	✓
AJAX (Asynchronous JavaScript and XML)	✓	✓
WebDAV (Web distributed authoring and versioning)	✓	✘
React	✓	✓
AngularJS	✓	✓
Single Page Application	✓	✓
Push Technologies	✓	✓
Java over HTTP	✓	✓

	WebLOAD	LoadRunner
Adobe Flex/AMF	✓	≠ <sup>1</sup>
<b>Terminal Emulation</b>		
Citrix ICA	✗	✓
RDP (Microsoft Remote Desktop Protocol)	✗	✓
RTE (Remote Terminal Emulation)	✗	✓
SSH (Secure Shell)	✓	✓
<b>Network Protocols</b>		
FTP (File Transfer Protocol)	✓	✓
MAPI (Microsoft Exchange)	✗	✓
IMAP (Internet Message Access Protocol)	✓	✓
SMTP (Simple Mail Transfer Protocol)	✓	✓
POP3 (Post Office Protocol)	✓	✓
JDBC (Java Database Connectivity)	✓	✓
ODBC (Open Database Connectivity)	✓	✓
LDAP (Lightweight Directory Access Protocol)	✓	✓
TCP/IP, UDP	✓	✓
DNS (Domain Name Service)	≠ <sup>2</sup>	≠ <sup>3</sup>
<b>IoT</b>		
MQTT (Message Queuing Telemetry Transport)	✓	✓
AMQP (Advanced Message Queuing Protocol)	✓	✗
CoAP (Constrained Application Protocol)	✗	✓
<b>Authentication</b>		
SSL	✓	✓
NTLM	✓	✓
Kerberos	✓	✓
TLS	✓	✓
Basic	✓	✓

<sup>1</sup> Adobe Flex: LoadRunner has limitations in RTMP and RTMPT

<sup>2</sup> WebLOAD: scripting only

<sup>3</sup> LoadRunner: scripting only, building block available

	WebLOAD	LoadRunner
<b>Applications</b>		
SAP NetWeaver	✓	✓
SAP GUI	✗	✓
SAP Web, Web Dynpro	✓	✓
SAP Business Objects	✓	✓
Infor Lawson	✓	✗
Ellucian Banner/Luminis	✓	✗
Oracle PeopleSoft	✓	✓
Oracle PrimaVera	✓	✗
Oracle JDEdwards	✓	✗
Oracle Applications (Forms)	✓	✓
Oracle 2-tier	✗ <sup>4</sup>	✓
Oracle Siebel	✓	✓
Oracle E-Business Suite (EBS)	✓	✓
IBM Maximo	✓	✓
Salesforce	✓	✓
Microsoft Sharepoint	✓	✓
.Net (C++,C#, VB)	✓	✓
NGINX	✓	✓
Node.JS	✓	✓
Apache	✓	✓
Apache Tomcat	✓	✓
JBoss/WildFly (RedHat)	✓	✓
Microsoft IIS	✓	✓
Oracle WebLogic	✓	✓
IBM WebSphere	✓	✓
GWT	✗	✓
<b>Wireless &amp; Mobile</b>		
iOS	✓	✓

<sup>4</sup> Oracle 2-tier: WebLOAD manipulate the database via JDBC



	WebLOAD	LoadRunner
Android	✓	✓
Windows Phone	✓	✓
Blackberry	✓	✓
<b>Multimedia (Voice &amp; Streaming)</b>		
RTMP	✓	✓
RTSP/RTP	✓	✗
<b>Performance Monitoring (Server-Side) - System Resource</b>		
Microsoft perfmon	✓	✓
Linux/Unix SSH	✓	✓
Linux/Unix rstatd	✓	✓
<b>Performance Monitoring (Server-Side) - Databases</b>		
Microsoft SQL Server	✓	✓
Oracle	✓	✓
ODBC/JDBC	✓	✓
PostgreSQL	✓	✗
DB2	✗	✓
MySQL	✓	✗
Sybase	✗	✓
<b>Performance Monitoring (Server-Side) – Protocols</b>		
PerfMon	✓	✗
SNMP	✓	✗
SSH	✓	✓
JDBC	✓	✓
RSTATD	✓	✓
JMX	✓	✓
<b>Performance Monitoring (Server-Side) – Application/Web Servers</b>		
ANY via JMX	✓	✓
ANY via SNMP	✓	✓
Adobe LiveCycle ES	✓	✓
Ariba (SAP procurement)	✓	✓

	WebLOAD	LoadRunner
ATG Dynamo (Oracle eCommerce)	✓	✓
Broadvision (eCommerce)	✓	✓
ColdFusion (Adobe)	✓	✓
Fujitsu INTERSTAGE	✓	✓
GlassFish AS (Oracle)	✓	✓
IBM WebSphere	✓	✓
JBoss/WildFly (RedHat)	✓	✓
JonAS	✓	✓
Microsoft ASP.NET	✓	✓
SAP NetWeaver	✓	✗
WebLogic	✓	✓
Apache	✓	✓
Apache Tomcat	✓	✓
Microsoft IIS	✓	✓
NGINX	✓	✓
Oracle iPlanet	✓	✓
Microsoft Windows Media Server	✓	✓
Real Networks RealServer	✓	✓
Tuxedo	✗	✓
IBM MQ	✗	✓
<b>Integration &amp; Extensibility</b>		
Command Line Interface	✓	✓
Open Architecture (Public SDK/API)	✓	✓
HP Quality Center	≠ <sup>5</sup>	✓
HP Performance Center	✗	✓
<b>3<sup>rd</sup> Party Tools Integration/Plug-in</b>		
AppDynamics	✓	✓
Dynatrace	✓	✓
NewRelic	✓	✓

<sup>5</sup> HP Quality Center can run WebLOAD, a script has to be written

	WebLOAD	LoadRunner
Nagios	✓	✗
Selenium	✓	✓
Ranorex	✓	✗
Original Software TestDrive	✓	✗
PerfectoMobile	✓	✓
Jenkins	✓	✓
Bamboo	✓	✓
JUnit	✓	✗
GIT	✓	✓
Eclipse IDE	✗	✓
Visual Studio 2010 add-in	✗	✓
JMeter	✗	✓
<b>Interoperability/Extensibility</b>		
COM	✓	✓
Java	✓	✓
<b>General Features</b>		
Protocol-Level Testing	✓	✓
LR TruClient	✗ <sup>6</sup>	✓
Distributed Architecture	✓	✓
Page Elements/DOM Access	✓	✓
JSON Object Access/Parser	✓	✓
XML Object Access/Parser	✓	✓
Java Object Access	✓	✓
Real Page/Browser View	✓	✓
Full HTTP Headers View	✓	✓
HTML (Response) View	✓	✓
Response Validation	✓	✓
Cookies Support	✓	✓
Cache Support	✓	✓

<sup>6</sup> WebLOAD supports Selenium

	WebLOAD	LoadRunner
Multiple IP Address (IP Spoofing)	✓	✓
<b>Recording Features</b>		
Browser-based recording	✓	✓
Native Mobile Recording	✓	✓
Record from HAR	✓	✓
Record from Fiddler	✓	✓
Record from pcap	✓ <sup>7</sup>	✓
Insert Transactions during recording	✓	✓
<b>Developing/Debugging Environment</b>		
Access to the script	✓	✓
Quick scripting building blocks	✓	✓
Intellisense/Auto-completion editor	✓	✓
Context-sensitive Help/Tooltips	✓	✓
<b>Debugging</b>	✓	✓
Breakpoints	✓	✓
Watch (Variables Value)	✓	✓
Step-by-Step	✓	✓
<b>Scripting Language</b>		
JavaScript	✓	✓ <sup>8</sup>
Java	✓	✓
C	✗	✓
Automatic Data Correlation	✓	✓
Manual Data Correlation	✓	✓
Parameterization	✓	✓
SLA	✓	✓
Network Emulation	✓	✓
Synchronization/Rendezvous Points	✓	✓
Think (Sleep) Time	✓	✓

<sup>7</sup> via HAR Conversion

<sup>8</sup> LoadRunner supports JavaScript for HTTP/Web Protocols only

	WebLOAD	LoadRunner
Transactions	✓	✓
User-defined Timers	✓	✓
<b>Test Configuration &amp; Scheduling</b>		
Goal-Oriented Load Testing	✓	✓
<b>Test Execution</b>		
Real-time server-side monitoring	✓	✓
HTTP statuses reporting and logging	✓	✓
Integrated Reporting Manager	✓	✓
MIX execution	✓	✓
Cloud load generation	✓	✓
Probing Client	✓	✗
Throttle control	✓	✗
<b>Test Results Analysis &amp; Reporting</b>		
Dynamic and easily customizable reports	✓	✓
Predefined Reporting Templates	✓	✓
Custom/user-defined Reports	✓	✓
Reports Exporting and Publishing	✓	✓
Comparison and Regression Analysis	✓	✓
Web Controller	✓	✗ <sup>9</sup>
<b>Support &amp; Maintenance</b>		
Online (customer portal)	✓	✓
Phone	✓	✗
Email	✓	✓
Community (chats, forums, user groups)	✗	✓
Documentation, tutorials, help files	✓	✓
Expert level (tier 2,3) support on a first call	✓	✗

<sup>9</sup> Only if purchased as part of Performance Center