HP LoadRunner
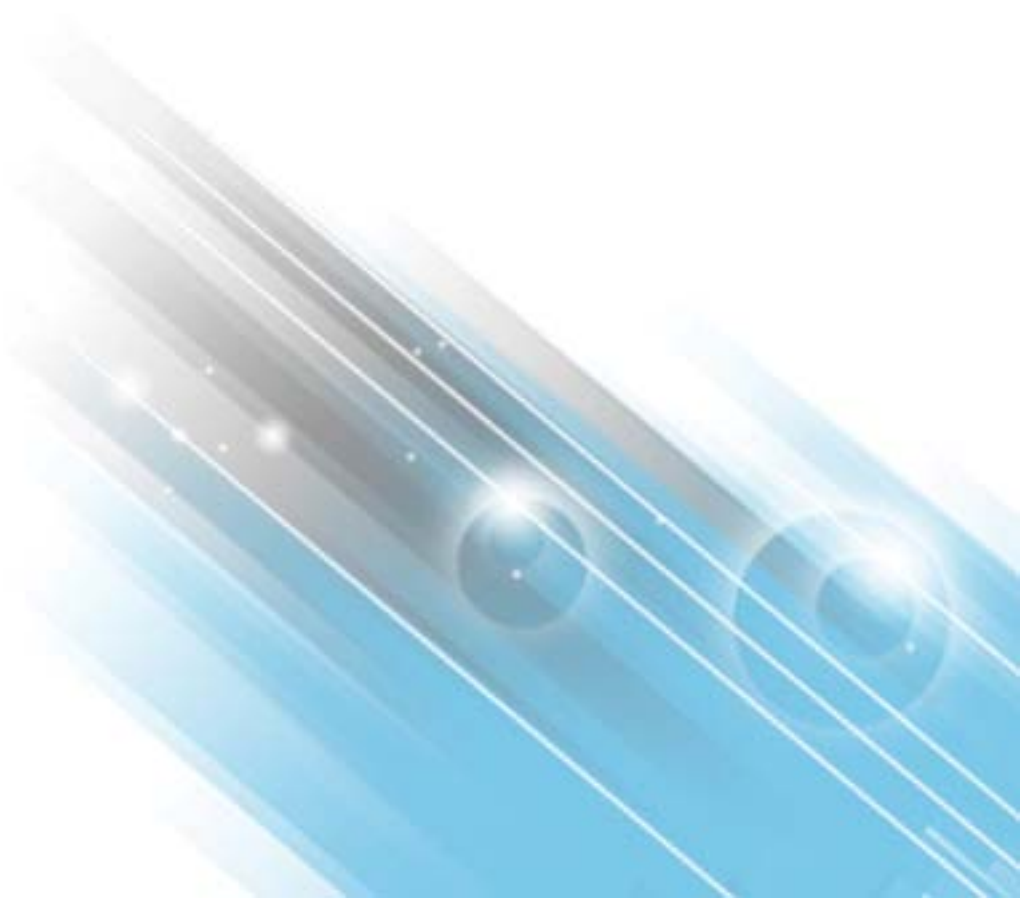
Software Version: 12.02

Product Availability Matrix

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Documentation Updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
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LoadRunner Virtual User Generator (VuGen) Protocol Support

Protocol	Program	Supported Version	Supported Server	Native 64-bit Client Recording	IPv6 Support	Shunra 8.6.1	IP spoofing	Speed Emulation	Load Generator OS	Multi-protocol	Comments
Citrix ICA	Receiver for Windows	12.x	Citrix XenApp 5.5, 5.6, 6.0, 6.5. 7.0,7.5	N	Y	N	N	N	Windows (see "Operating Systems" section)	Y	Citrix Agent supports XenApp and XenDesktop servers
		13.x	Citrix XenDesktop 7.0								
		14.x	Citrix XenDesktop 7.5								
			Citrix XenDesktop 7.6								
		14.1.200	Citrix Access Gateway (with Receiver 13.x and above)								
RDP (Remote Desktop Protocol)	RDP	7	Windows 2008 Standard/R2	Y	Y	Y	Y	N	Window (see "Operating Systems" section)	Y	With limitations
		7.1	Windows 7 32/64 bit								
		8.1	Windows 8/8.1								
		8.1	Windows 2012 Standard/R2								
RTE (Remote Terminal Emulator)	LoadRunner built-in version of PowerTerm	9.1	N/A	N	Y	Y	N	N	Window (see "Operating Systems" section)	N	
		9.2	N/A								
	Supported modes: 3270, 5250, VTxxx	10.2	N/A								
TruClient - Firefox	Firefox	Built-In 31.0	N/A	N/A	Y	Y	Y	Y	Windows (see "Operating Systems" section)	N	
TruClient - IE	Internet Explorer	IE 9	N/A	N/A	Y	Y(only IE9/IE10)	Y	Y(only IE9/IE10)	Windows (see "Operating Systems" section)	N	
		IE 10									
		IE11									
TruClient - Mobile Web	Firefox	Built-In 31.0	N/A	N	Y	Y	Y	Y	Windows (see "Operating Systems" section)	N	Based on TruClient - Firefox
TruClient – Native Mobile	Firefox	Built-In 31.0	HP Mobile Center	N/A	N/A	Y(Supported through Mobile server)	N/A	N/A	Windows (see "Operating Systems" section)	N	HP Mobile Center is necessary for this protocol to work. Physical devices must be able to record/replay scripts.
Ajax - Click and Script	Internet Explorer	IE 8		N	Y	Y	Y	Y	Windows 7 64bit	Y	Win8.1/Win2012R2 only support IE11
									Windows 7 32bit		IE10/IE11 is not supported
		IE 9							Windows Server 2008 R2 64bit		With limitations - see Readme file

LoadRunner Virtual User Generator (VuGen) Protocol Support

Protocol	Tool	Version	Detail						Operating System		Notes
SAP GUI	SAPGUI	6.4 / 7.1 / 7.2 / 7.3	SAP R/3 4.60c / ECC 5.0 (ERP 2004) / 6.0 (ERP 2005) / SAP HANA Edition	N	N	Y	Y	Y	Window (see "Operating Systems" section)	Y	Recommended to use the last SapGUI patch
SAP – Click and Script	Internet Explorer	Internet Explorer 8 / Internet Explorer 9	N/A	N	Y	Y	Y	Y	Windows 7 64bit / Windows 7 32bit / Windows Server 2008 R2 64bit	Y	Win8.1/Win2012R2 only support IE11
C++.NET (VS Addin for .Net protocol)	MS Visual Studio	Visual Studio See Compatibility	N/A	N/A	N/A	Y	Y	Y	Windows (see "Operating Systems" section)	N	Visual Studio Addin can't replay under limited user, Admin privileges are required
C#.NET (VS Addin for .Net protocol)	MS Visual Studio	Visual Studio See Compatibility	N/A	N/A	N/A	Y	Y	Y	Windows (see "Operating Systems" section)	N	Visual Studio Addin cannot replay under limited user, Administrator privileges are required
VB.NET (VS Addin for .Net protocol)	MS Visual Studio	Visual Studio See Compatibility	N/A	N/A	N/A	Y	Y	Y	Windows (see "Operating Systems" section)	N	Visual Studio Addin can't replay under limited user, Admin privileges are required
Java (Eclipse Adding for Java Protocol)	Eclipse	Eclipse IDE See Compatibility	N/A	N/A	N/A	N/A	N/A	N/A	Windows (see "Operating Systems" section)	N	Eclipse Addin
Web – HTTP/HTML	Internet Explorer	8 / 9 / 10 / 11	N/A	Y	Y	Y	Y	Y	Any (see "Operating Systems" section)	Y	GWT DFE: the latest supported versions are GWT 2.5.1 and Java 1.7 proxy recording: support for TLS 1.1/1.2 SPDY/3,SPDY/3.1
	Google Chrome	latest		N							
	Firefox	latest		N							
Mobile Application – HTTP/HTML	Emulators	Android	N/A	N	Y	Y	Y	Y	Any (see "Operating Systems" section)	Y	
	PCAP	libpcap		N/A							
	Network Sniffer	WinPcap 4.1.2		N/A							Install WinPcap required [tested version 4.1.2]
Flex	Same Internet Explorer support as in Web HTTP/HTML	Flex SDK 4.6 / AMF0 / AMF3 / RTMPT / RTMP	LCDS 3.1 / BlazDS 4 / FMS3 / FMS4 / GranitDS 2.2	N	Y	Y	Y	Y	Windows (see "Operating Systems" section)	Y	

LoadRunner Virtual User Generator (VuGen) Protocol Support

											Operating Systems		
Web Services		Same browser support as in Web HTTP/HTML	WSDL 1.0/1.1 SOAP 1.1/1.2 WCF UDDI 2/3 WS-Security 1.0/1.1 Attachments: Dime/Mime/MTOM/ Base64Binary JMS	Y	Y	Y	Y	Y	Windows (see "Operating Systems" section)	Y	Supported SOAP features: WS HTTP-binding, Net TCP Binding, Named Piped, basic HTTP Binding and various custom binding, Federation scenarios, WS-SecureConversation, WS-ReliableMessaging, WS-Addressing, Username Token, X509 Certificate Token, Kerberos Token, Message signature, Message encryption
Silverlight	Silverlight	5, 5.1	5, 5.1	N	Y	Y	Y	Y	Windows (see "Operating Systems" section)	Y	Supported Communication: SOAP (Text, Binary) and REST Security: SSL, Username over transport
SAP – Web	Internet Explorer	Same Internet Explorer support as in Web HTTP/HTML	N/A	Y	Y	Y	Y	Y	Any OS (see "Operating Systems" section)	Y	
Siebel – Web	Oracle(Siebel) CRM	N/A	7.5.2 7.5.3 7.7 7.8 8 8.1 8.2.2(OpenUI)	N	Y	Y	Y	Y	Any OS (see "Operating Systems" section)	Y	
Oracle NCA	Oracle Applications	Jinitiator 1.3.1.18 Jinitiator 1.1.8.16 JRE 5/JDK 5 JRE 6/JDK 6 JRE 7/JDK 7	Forms 4.5.10.8 Forms 6i Forms 9i Forms 10.1 Forms 11.1	Y	Y	Y	Y	Y	Any OS (see "Operating Systems" section)	Y	
Oracle – Web	Internet Explorer	8 9 10 11	N/A N/A N/A N/A	Y	Y	Y	Y	Y	Any OS (see "Operating Systems" section)	Y	
	Oracle Applications	Jinitiator 1.3.1.18 Jinitiator 1.1.8.16 JRE 5/JDK 5 JRE 6/JDK 6 JRE 7/JDK 7	Forms 4.5.10.8 Forms 6i Forms 9i Forms 10.1 Forms 11.1								

LoadRunner Virtual User Generator (VuGen) Protocol Support

Protocol	Technology	Version							Operating System		Notes
Java Record Replay	Oracle JDK(32Bit)	1.5.x 1.6.x 1.7.x	WebLogic 11.x Generic	N	N	N	N	Y	Windows (see "Operating Systems" section)	N	For JMS supported JDK v1.6u32 or lower, JVM 64 bit recording is not supported
Java over HTTP	Oracle JDK(32Bit)	1.5.x 1.6.x 1.7.x	Same browser support as in Web HTTP/HTML	Y	Y	Y	Y	Y	Windows (see "Operating Systems" section)	N	Oracle 64-bit JRE only supported for recording
Java Vuser	Oracle Java(32Bit)	N/A	N/A	N/A	N/A	N	N	Y	Windows (see "Operating Systems" section)	N	
.NET	.Net Framework	2.0 3.0 3.5* 3.5 SP1* 4* 4.5*		Y**	N/A	Y	Y	Y	Windows (see "Operating Systems" section)	N	3.5 SP1 supported * – supported on backward compatibility level ** – AUTs compiled in "AnyCPU" mode only
SMTP (Simple Mail Protocol)	N/A	4.x	N/A	N	Y	Y	Y	Y	Any (see "Operating Systems" section)	Y	SMTPS - SSL support
POP3 (Post Office Protocol)	N/A	N/A	N/A	N	Y	Y	Y	Y	Any OS (see "Operating Systems" section)	Y	POP3S - SSL support
MAPI (Microsoft Exchange)	Outlook	2007 2010	N/A N/A N/A	N/A	N/A	N	N	N	Windows (see "Operating Systems" section)	N	
IMAP (Internet Messaging)	N/A	N/A	N/A	N	Y	Y	Y	Y	Any OS (see "Operating Systems" section)	Y	
Oracle - 2 Tier	Oracle	9.2 10G 11G 11G R2	9.2 10G 11G 11G R2	Y	N	Y	N	Y	Any OS (see "Operating Systems" section)	Y	
ODBC	ODBC			N	N	Y	N	Y	Any OS (see "Operating Systems" section)	Y	Linux LG support depends on the ODBC driver in use. Some implementations may present issues

LoadRunner Virtual User Generator (VuGen) Protocol Support

Windows Sockets	Winsocket	2.x	N/A	Y(in Multi mode only)	Y(in Multi mode only)	Y	Y	Y	Any OS (see "Operating Systems" section)	Y	
LDAP (Listing Directory Service)	Based on Microsoft API	Based on Mozilla API	(Oracle)Sun One 5.2 Oracle DS 11	Y	N	Y	N	Y	Any (see "Operating Systems" section)	Y	
FTP (File Transfer Protocol)				N	Y	Y	Y	Y	Any (see "Operating Systems" section)	Y	FTPS supported only in passive mode
DNS (Domain Name Resolution)	N/A	N/A	N/A	N	Y	Y	Y	N	Any (see "Operating Systems" section)	N	Replay only
COM/DCOM	N/A	N/A	N/A	N	N	N	N	N	Windows (see "Operating Systems" section)	Y	
MMS (Media Player)	WM SDK	9 10 12	9 10	N/A	N	Y	N	Y	Windows (see "Operating Systems" section)	N	Replay only
MMS (Multimedia Messaging Service)	MMS	N/A	N/A	N/A	N	N	N	N	Windows (see "Operating Systems" section)	Y	Replay only
C Vuser	N/A	N/A	N/A	N/A	N/A	Y	Y	N	Any	N	Replay only
SMP (SAP Mobile Platform)	N/A	2.3	N/A	N/A	N/A	Y	Y	N	Windows (see "Operating Systems" section)	N	Same limitations as .NET protocol support
MQTester (Client and Server)	WebSphere MQ	To get updated info about the supported versions, contact "OpenText" company support.		N	N	N	N	N	Windows (see "Operating Systems" section)	N	Third party solution by the "OpenText" company. See MQTester documentation for more details and for contact information.

LoadRunner Support on Windows Operating Systems

Operating System	Supported Edition or SP	Virtual User Generator	Controller	Load Generator	MI Listener	Analysis	Supported Tier
Windows 7 64bit	SP1	Yes	Yes	Yes	Yes	Yes	Supported
Windows 7 32bit	SP1	Yes	Yes	Yes	Yes	Yes	Supported
Windows 8.1 64bit		Yes	Yes	Yes	Yes	Yes	Recommended
Windows Server 2008 R2 64bit	SP1	Yes	Yes	Yes	Yes	Yes	Recommended
Windows Server 2012 R2 64bit		Yes	Yes	Yes	Yes	Yes	Supported

LoadRunner Support on Non-Windows Operating Systems

Operating System	Supported Edition or SP	Virtual User Generator	Controller	Load Generator	MI Listener	Analysis	Supported Tier
Red Hat Enterprise Linux 32bit	6.4	No	No	Yes	No	No	Supported
Red Hat Enterprise Linux 64bit	6.4	No	No	Yes	No	No	Supported
Red Hat Enterprise Linux 32bit	5.8	No	No	Yes	No	No	Supported
Red Hat Enterprise Linux 64bit	5.8	No	No	Yes	No	No	Supported
Ubuntu Server Linux 64bit	12.04 LTS	No	No	Yes	No	No	Supported
Ubuntu Server Linux 64bit	10.04 LTS	No	No	Yes	No	No	Supported
Oracle Enterprise Linux 64bit	5.8 UEK	No	No	Yes	No	No	Supported
Oracle Enterprise Linux 64bit	6.4 UEK	No	No	Yes	No	No	Supported
SLES (SUSE Linux Enterprise Server) 11 64bit SP2	11	No	No	Yes	No	No	Supported

LoadRunner Analysis Database Support	
Supported DB	**Supported Version**
MS Access	2010
	2013
MS SQL	2008 R2
	2012
SQLite	3

Web Controller Supported Windows Operating Systems

Operating System	Supported Edition or SP	Virtual User Generator	Controller	Load Generator	MI Listener	Analysis	Supported Tier
Windows 7 64bit	SP1	No	Yes	Yes	No	No	Recommended
Windows 8.1 64bit		No	Yes	Yes	No	No	Supported
Windows Server 2008 R2 64bit	SP1	No	Yes	Yes	No	No	Recommended
Windows Server 2012 R2 64bit		No	Yes	Yes	No	No	Supported

Web Controller Supported Protocols

Web – HTTP/HTML	TruClient - IE	SAP GUI				
Web Services	TruClient - Firefox	Citrix ICA				
	TruClient - Mobile Web	Oracle - Web				

Web Controller Supported Browser (webapp)

Chrome 36+ (recommended)	FireFox 29+(supported)	IE11 (supported)				

Web Controller 12.02 Integrations

HP SiteScope	11.23, 11.24					

LoadRunner Compatibility with HP solutions

Supported solutions	IPv6 Support	Supported versions
HP Service Virtualization	N	
HP SiteScope	Y	
HP Application Lifecycle Management (ALM)	Y	Exact versions of compatible HP products are available from this link
HP Diagnostics	N	
HP Unified Functional Testing (UFT)	N/A	
HPLN	N/A	
HP Network Virtualization	N/A	

LoadRunner Compatibility with non-HP solutions

LoadRunner area/ protocol	Supported	Supported versions
.NET protocol, VuGen	MS Visual Studio	2010, 2012
DevOps and Continuous Delivery, Controller	MS Visual Studio	2010, 2012, Nunit 2.6.1 & 2.6.3
DevOps and Continuous Delivery, Controller	Eclipse	Luna/Juno/Kepler , Junit 4.8.2 and above, Selenium 2.24.1 & 2.4.0 and above Java 1.7 32-bit supported only by DevOps Add-in
DevOps and Continuous Delivery, Controller	Jenkins	1.547
Java protocols, VuGen	Eclipse	Luna/Juno/Kepler 32-bit version

LoadRunner Component Coexistence

Second installation \ First installation	LR Full	VuGen SA	Analysis SA	LG SA	MoFW	MI Listener
LR Full		X	X	X	X	X
VuGen SA	X		V	X	X	X
Analysis SA	X	V		X	X	X
LG SA	X	X	X		X	X
MoFW	X	X	X	X		X
MI Listener	X	X	X	X	X	

Legend		
X – coexisting is blocked		
V – coexisting is allowed		