

# Service Virtualization

## Support Matrix



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## Protocols

Transport	Message Protocol	Metadata	Supported Version	Supported Server	Comments
<b>HTTP(S)</b>	REST	Y			JSON/JSONP, XML and binary/text content
	SOAP	N	1.1, 1.2		
	XML	Y			
	Binary / Text	Y			
<b>IBM WebSphere MQ</b>	SOAP	Y	1.1, 1.2	7.0<=x<=9.0	<b>Non-Intrusive*</b> and Intrusive approach supported
	XML	Y			
	COBOL	Y			
	FIX	Y			
	SWIFT MT/MX	Y			
	CSV	Y			
	Fixed-Length	Y			
	Binary / Text	Y			
<b>TIBCO EMS</b>	SOAP	N	1.1, 1.2	5.1, 6.0	Libraries for client copied from server installation
	XML	Y			
	Binary / Text	Y			
<b>JMS</b>	SOAP	N	1.1, 1.2	WebLogic 11, Jboss 6, Webspere 7	Supports HTTP, HTTPS
	XML	Y			Supported servers lists includes only tested app servers but should work with any J2EE server
	Binary / Text	Y			
<b>IMS</b>	COBOL	Y			IMS Connect and IMS TM Resource Adapter
	Binary	N			
<b>CICS TS</b>	COBOL	Y			
	Binary	Y			
<b>JDBC</b>	JDBC	Y	JDBC3, JDBC4	Oracle, DB2, MSSQL	JDBC
<b>SAP</b>	RFC	Y	SAP R/3 Enterprise Central Component 6.0,		
	IDOC	Y	SAP R/3 Enterprise Central Component 6.0 Enhancement Package 4		
<b>Oracle AQ</b>	XML, UDT	N	Oracle 11g	Oracle 11g	
<b>Microsoft MQ</b>	XML	Y			
	Binary / Text	Y			
<b>TCP</b>	Fixed Length	N			

<b>webMethods Flow Service</b>	SAP RFC	Y	WebMethods Integration Server
	SAP IDOC	Y	
	Generic	Y	Flow service workflow steps
<b>ISO 8583</b>	ISO 8583/Binary	N	1987 1993 2003
<b>Filesystem</b>	XML	N	
	CSV	N	
	Delimited Text	N	
	Fixed-Length	N	
	Binary	N	
<b>FTP/FTPS/SFTP</b>	XML	N	
	CSV	N	
	Delimited Text	N	
	Fixed-Length	N	
	Binary	N	
<b>Java</b>	Java	N	Java 1.6+
<b>Mobile API (Android)</b>	BLE GATT	N	Android 5.0 +
	NFC HCE	N	
<b>ONC/RPC</b>	XDR (RFC1831)/TCP	N	

### ***\*MQ non-intrusive tested combinations***

<b>MQS Operating System</b>	<b>Core</b>	<b>LE/BE</b>	<b>MQ Version</b>
<b>Linux Redhat 6.4</b>	Intel x64	LE	7.0.1.3
<b>Oracle Solaris 5.10</b>	Intel x64	LE	7.0.1.3
<b>Linux Redhat 5.8</b>	Intel x64	LE	7.0.1.3
<b>IBM AIX 5.3</b>	IBM Power PC5	BE	7.0.1.3
<b>Microsoft Windows 2008 R2</b>	Intel x64	LE	7.5.0.2
<b>Oracle Solaris 5.10</b>	Oracle Sparc	BE	8.0.0.0
<b>HP HPUX B.11.31</b>	HP Itanium	BE	7.0.1.3
<b>Linux RHEL 5.11</b>	Intel x64	LE	7.5.0.0

## Operating systems

Operating System	Supported Edition or SP	Designer	Server	Comments
Windows 10 64-bit		Yes	Yes	
Windows 8.1 64-bit		Yes	Yes	
Windows 7 64-bit	SP1	Yes	Yes	
Windows Server 2016 64-bit		Yes	Yes	
Windows Server 2012 R2 64-bit		Yes	Yes	
Windows Server 2012 64-bit		Yes	Yes	
Windows Server 2008 R2 64-bit	SP 1	Yes	Yes	
Oracle Linux 7.3		No	Yes	Linux support is an Early Access Feature
Oracle Linux 6.8		No	Yes	Linux support is an Early Access feature
Fedora 25 Workstation		No	Yes	Linux support is an Early Access feature
CentOS Linux 7		No	Yes	Linux support is an Early Access feature
Red Hat Enterprise Linux 7.3		No	Yes	Linux support is an Early Access feature

## Database types

Supported DB type	Database version	Designer on Windows	Server on Windows	Server on Mono
MS SQL	2008 R2 Express	x	-	-
	2008 R2 Server	x	x	-
	2012 Express	x	-	-
	2012 Server	x	x	-
	2014 Express	x	-	-
	2014 Server	x	x	-
	2016 Express	x	-	-
	2016 Server	x	x	-
Oracle	11 g	x	x	X
	12 c	x	x	X
PostgreSQL	9.x	x	x	x
	10.x	x	x	x

## Compatibility with other Micro Focus solutions

Solution	Version	Comments
ALM	12.21	
	12.55	
LoadRunner	12.56	*Requires update of SV binaries in LR installation
Performance Center	12.56	*Requires update of SV binaries in PC installation
UFT	14.02	*Requires update of SV binaries in UFT installation
	14.03	
Network Virtualization	NV 9.00	

## Compatibility with non- Micro Focus solutions

Supported AD solutions	Comments
Application Automation Tools Jenkins Plugin	<a href="https://wiki.jenkins.io/display/JENKINS/HPE+Application+Automation+Tools">https://wiki.jenkins.io/display/JENKINS/HPE+Application+Automation+Tools</a>
App Delivery Management Bamboo CI Plugin	<a href="https://marketplace.atlassian.com/apps/1217829/app-delivery-management-bamboo-ci-plugin">https://marketplace.atlassian.com/apps/1217829/app-delivery-management-bamboo-ci-plugin</a>
Note: Shunra Network Virtualization integrations were replaced by the <a href="#">Network Virtualization 9.00 integration</a>	

## Virtualization

Operating System	Supported Versions	Designer	Server
	VMware ESX 4.0, ESX 4.1	Yes	Yes*
	VM Workstation 5.5	Yes	Yes*
Microsoft Remote Desktop	5.1,5.2, 6.0, 6.1, 7 and 7.1 clients and 5.x server	Yes	Yes

\* We do not recommend running SV Server for load testing purposes on a Virtual Environment.

## Supported browsers for Service Virtualization Management

Supported Browser	Browser versions
Microsoft Internet Explorer	10, 11
Mozilla Firefox	
Google Chrome	
Apple Safari	
Microsoft Edge	

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## Company Details

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