

HCL VersionVault

Version 2.0.0

*System Requirements for
Windows and Linux Platforms*



Contents

Operating systems support for HCL VersionVault 4

Prerequisites 6

Supported software 7

Hardware and network minimum requirements..... 9

Operating systems support for HCL VersionVault

Operating Systems	Hardware	Hardware and Software Requirements	Updates	Notes
RHEL 7	x86-64	See the Hardware and Network minimum requirements table.	Update 4-8	<ul style="list-style-type: none"> 64-bit HCL VersionVault. See technote 249275 for information on how to configure your RHEL 7 system. The VersionVault native GUIs require Motif 2.2. However, RHEL 7 and RHEL 8 ship with Motif 2.3.x. For more information, see technote 249303. XFS is supported.
RHEL 8			Update 0-2	<ul style="list-style-type: none"> 64-bit HCL VersionVault. See technote 887639 for information on how to configure your RHEL 8 system. The VersionVault native GUIs require Motif 2.2. However, RHEL 7 and RHEL 8 ship with Motif 2.3.x. For more information, see technote 249303. XFS is supported.
SLES/D 12			Update 0-5	<ul style="list-style-type: none"> 64-bit HCL VersionVault offering. See technote 520919 to configure your SLES/D 12 system prior to installing VersionVault. BTRFS should not be used for view storage; see technote 562519. XFS is supported.
SLES/D 15			Update 0-1	<ul style="list-style-type: none"> 64-bit HCL VersionVault offering. See technote 718343 to configure your SLES/D 15 system prior to installing VersionVault. BTRFS should not be used for view storage; see technote 562519. XFS is supported.

HCL VersionVault System Requirements

Operating Systems	Hardware	Hardware and Software Requirements	Updates	Notes
Windows 10	x86-64	See the Hardware and Network minimum requirements table.	Version 1803 (April 2018 Update), 1809, 1903 (May 2019 Update), 2004 (May 2020 Update)	<ul style="list-style-type: none"> • 64-bit HCL VersionVault offering. • See technote 559153 for limitations with Windows 10.
Windows 2016				<ul style="list-style-type: none"> • 64-bit HCL VersionVault offering. • See technote 559153 for limitations with Windows 2016.
Windows 2019				<ul style="list-style-type: none"> • 64-bit HCL VersionVault offering. • See technote 559153 for limitations with Windows 2019.

Prerequisites

Capability	Prerequisite	Version	Notes
Application Servers	IBM WebSphere Application Server	8.5.5 and future fix packs, 9.0.0.8 and future fix packs	Windows and Linux x86_64 only
	Tomcat	8 and future fix packs, 9 and future fix packs	Windows and Linux x86_64 only
Installation	IBM Installation Manager	1.8.6 and future fix packs; mod levels and their fix packs, 1.9.1 and future fix packs	<ul style="list-style-type: none"> • Use the 64-bit version of Installation Manager. See technote 222781. • See technote 468949 for information on IM console mode functionality.
Licensing	Flexera Cloud Licensing		Hosted by Flexera and it requires: <ul style="list-style-type: none"> • VersionVault clients to have internet access to Flexera servers. • Licenses issued by the HCL License Fulfillment team.
	Flexera Local License Server	HCL License Server version 1.0	Hosted in your environment, with periodic on-line or off-line communications with Flexera Web Services.
	Atria		Hosted in your environment. Requires alternate licenses issued by the HCL License Fulfillment team.
Web Servers	IBM HTTP Server	8.5.5 and future fix packs, 9.0.0.8 and future fix packs	Windows and Linux x86_64 only

Supported software

Capability	Software	Version	Notes
Configuration Management	VersionVault MultiSite	2.0.0	VersionVault and VersionVault MultiSite versions must match exactly.
Development Tools	Compass	2.0.0	Integration support is offered via the OSLC integration, see technote 395953.
	Cadence Design Framework	6.1.7, 6.1.8	VersionVault – Cadence Virtuoso integration requires that HCL VersionVault is installed on user systems.
	GSKit	8.0.m.n	8.0.50.57 and future fix packs
	Microsoft Visual Studio	2019 and future fix packs	
	Rational Application Developer for WebSphere Software	9.6.1.1 and fix packs	Windows and Linux x86_64 only
	Rational Software Architect	9.7.0.2 and fix packs	Windows and Linux x86_64 only
	Rational Software Architect for WebSphere Software	9.7.0.2 and fix packs	Windows and Linux x86_64 only
	WebSphere Application Server Developer Tools for Eclipse	8.5.5 and future fix packs	Windows and Linux x86_64 only
Eclipse Run Time Environment	IBM Eclipse SDK	4.7 and future fix packs, 4.8 and future fix packs	<ul style="list-style-type: none"> Supported for VersionVault Explorer for Eclipse IDE only. VersionVault Explorer is built on Eclipse 4.6 and 4.11. Therefore, it requires GTK+ 2.10.0 (or later). See technote 543633.

HCL VersionVault System Requirements

Capability	Software	Version	Notes
File Servers	Samba	4.7.1 and future fix packs, 4.9.4 and future fix packs	
Installation	IBM Installation Manager	1.8.6 and future fix packs; mod levels and their fix packs, 1.9.1 and future fix packs	<ul style="list-style-type: none"> • Use the 64-bit version of Installation Manager. See technote 222781. • See technote 468949 for information on IM console mode functionality.
Java SDK	IBM Java SDK/JRE 8	8 and future fix packs	
NFS Clients	Open Text NFS Client	14.0.0.365	
	Open Text NFS Solo	14.0.0.365	
Terminal Services	Citrix XenDesktop LTSR	7.6	

Hardware and network minimum requirements

Component(s)	Processor	Memory/Disk	Network
VersionVault Server hosts	<p>4 CPUs (quad core), not applicable on z/Linux.</p> <p>128 processes on hosts running Linux or the UNIX system.</p> <p>Additional VersionVault processes or servers (such as license, registry, VOB or other) requires additional resources.</p>	<p>8 GB RAM is minimum.</p> <p>80 GB hard disk space</p> <p>Additional VersionVault processes or servers (such as license, registry, VOB or other) requires additional resources.</p> <p>Any host that has VOB or view storage directories must have enough disk space to contain the files and databases used for storage of VOB or view storage directories. The amount of space required depends on the characteristics and use of the VOBs and views.</p>	<p>Wired connectivity of 100 MB Full Duplex is minimum, 1 Gigabit is recommended.</p>
<p>Dedicated VersionVault WAN Server^{1 2}</p> <p>VersionVault or Compass Web applications installed</p>	<p>Quad Core/CPU</p> <p>128 processes on hosts, running Linux or the UNIX system.</p>	<p>8 GB RAM</p> <p>80 GB hard disk space</p> <p>600 file descriptors per host (not per process), running Linux or the UNIX system.</p> <p>If the VersionVault WAN server is to host more than a single WAS profile (for example, VersionVault, Compass, Requisite Pro), then additional resources are required.</p>	<p>Wired connectivity to other VersionVault Servers.</p> <p>100 MB full-duplex is minimum, 1 Gigabit is recommended.</p>

¹ For more detailed configuration information, refer to technote 365695.

² Additional VersionVault processes or servers located on this machine (such as license, registry, VOB, or others) requires additional resources.

HCL VersionVault System Requirements

Component(s)	Processor	Memory/Disk	Network
VersionVault client hosts	2 CPUs (dual core) is minimum, 4 CPUs (quad core) is recommended.	2 GB RAM is minimum. 4 GB RAM is recommended for Development machines. For hard disk space, see footnote ³ . Additional allowances are made for other applications that runs on clients such as browsers, IDEs, compilers, and so on.	Wireless 802.11g is minimum. Wired connectivity of 100 MB full-duplex is recommended.
VersionVault RCP or Eclipse plug-in client hosts	1-2 CPUs	RAM - 2-3 GB (recommend setting for Eclipse Heap Size is at 1 Gigabyte) For hard disk space, see footnote ³ . Additional disk space is required for the local copy area and is dependent upon the number of views created and the size of the files loaded.	Wireless 802.11g is minimum. Wired connectivity of 100 MB full-duplex is recommended.

Note: Processes and file descriptors per host running Linux system are set as kernel parameters.

³ Minimum disk space is 2 GB for a full install of VersionVault. Space is needed for files in VersionVault views. This includes source files in the project(s) and build output files. Each view requires disk space. Thus, the amount of parallel development (indicating the number of views needed) multiplied by the size of files in the projects and build output dictates additional disk space requirements. Dynamic views and automatic views might reduce the per-view space requirements. As a general guide, we have found 40 GB to be adequate for many client machines.