# **HP Connect-It**

For the Windows<sup>®</sup>, Linux<sup>®</sup>, and UNIX<sup>®</sup> operating systems

Software Version: 9.52

Support Matrix

**I** 

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# Requirements

This section provides information about the supported hardware and software that you must have to successfully install and run Connect-It 9.52.

#### Hardware

The recommended hardware requirements for Connect-It 9.52 are as follows:

#### Windows

- CPU: Dual-core 2 GHz or above
- RAM: 2 GB or above

#### Unix

- CPU: Dual-core 2 GHz or above
- RAM: 2 GB or above

### **Operating System**

Connect-It 9.52 runs on the following operating systems:

Platform	OS
x86-32 / Microsoft Windows*	Windows Server 2003 R2 and Windows Server 2008 SP1/SP2 Windows Vista Windows 7 SP1 Enterprise
x86-64 / Microsoft Windows*	Windows Server 2003 R2 Windows Server 2008 SP1/SP2 Windows Server 2008 R2 Windows 7 SP1 Enterprise
x86-32 / Linux*	Red Hat Enterprise Linux 5 and 6 (32-bit and 64-bit) Oracle Linux 6
SPARC / Sun	Solaris 10
pSeries / IBM	AIX 6.1
Itanium / HP	HP-UX 11.23 HP-UX 11.31

(\*) Connect-It is a 32 bit application and only supports 32 bit interfaces.

### **Java Runtime Environment**

Connect-It 9.52 requires Java Runtime Environment (JRE) installed (only 32-bit JVM is supported). UNIX may require patches to support JRE.

One of the following supported Java Runtime Environment is required to run Connect-It 9.52:

Vendor	Version
Oracle	Oracle Java Runtime Environment 6.0 and 7.0
IBM	IBM 32-bit SDK for AIX, Java 2 Technology Edition, Version 6.0
HP	HP-UX Java Runtime Environment version 6.0

# Compatibility

This section provides information about software and configurations that are not required, but which are compatible with Connect-It 9.52.

### Languages

The following table lists the supported languages of Connect-It9.52:

Support level	Description	Languages
L1	Validated languages: Translated and fully validated	English
L2	Supported languages, using the standard English version: Not translated and not part of the standard testing process.	German, French, Italian, Spanish, Portuguese, Basque, Catalan, Dutch, Danish, Finnish, Norwegian, Swedish, Icelandic
L3*	Supported languages (using the standard English version): Not translated and not part of the standard testing process	Simplified Chinese, Korean, Japanese, Polish, Bosnian, Croatian, Hungarian, Slovak, Slovenian, Czech, Romanian, Russian, Ukrainian, Bulgarian

(\*) These languages are supported on Windows and Linux only. To enable these languages, select the "Current Language" option. See the User Guide for more information.

The following table lists the supported installation languages and the related information:

Installation	Internationalization	Windows/Linux	Unices	Language
language		Character Set	Character Set	support
English (en)	Executable and documentation	UNICODE (Latin-1 by default)	ANSI (Latin-1 by default)	L1, L2, L3

### **Internationalization Variances**

Connect-It 9.52 runs on all locales described in this document. There are no known variances.

## **Virtualization Products**

Connect-It 9.52 can be used with the following virtualization products:

- VMware Workstation 7.x and 8.x
- VMware ESXi 4.x and 5.x
- VMware vMotion

# **High-Availability Products**

Connect-It 9.52 is compatible with the following high-availability products:

• VMware vMotion

# **HP Software Integrations**

Information about HP software that integrates with Connect-It 9.52 can be found at the HP Support web site.

See http://support.openview.hp.com/sc/solutions/index.jsp#tab=tab3.

# **HP Software Coexistence**

No coexistence information for Connect-It 9.52 is available.

# **Other Software Coexistence**

No coexistence information for Connect-It 9.52 is available.

### Modules

The following table shows the Connect-It modules that are supported in different platforms:

Module	Windows	Linux	Unix
Scenario editor (conitgui)	х		
Background executable (conitsvc)	х	Х	Х
Service management utilities in command line mode (csvctool)	Х	Х	Х
Service console (console)	Х		
Connect-It Web (cit)	Х	Х	Х
Scenario difference viewer (conitdiff)	X		

# **Connector Support**

This section introduces the supported connectors in Connect-It9.52.

#### **Inventory Connectors**

Inventory connector are based on the Database connector - so check Database connector compatibility for backend server compatibility.

Connector	Windows	Linux	Unix	Support detail
Altiris 6 Altiris 7	Х			Altiris 6.1 Altiris 7.0 and 7.1
CA Unicenter DSM	Х	х	х	Unicenter Desktop and Server Management r11
LANDesk for Inventory	X	х	х	LANDesk 8.8, 9.0
LANDesk for Software Distribution	X	х	х	LANDesk 8.8, 9.0
System Management Service/System Center Configuration Manager	X			SCCM 2007, 2012
Tally Systems T.S. Census	Х	Х	х	Tally System Census 3.1 and 3.2
Tivoli Inventory Management Tivoli Configuration Manager for Inventory Tivoli Configuration Manager for Software Distribution Tivoli Configuration Manager for Software Distribution Status	x	Х	X	Tivoli Inventory 4.0 Tivoli Configuration Manager 4.2 Tivoli Configuration Manager 4.2.1 Scenario provided for Tivoli Enterprise Data Warehouse to ServiceCenter 6.x, on the basis of the XML connector.

Connector	Windows	Linux	Unix	Support detail
Aperture VISTA(Formerly named HP DCIM)	х	x	Х	(*) Based on the Database connector, so compatibility list is the one provided for that connector.
<ul> <li>Aperture VISTA Portal Database(*) 500, 600</li> </ul>				
<ul> <li>Aperture VISTA Repository Database (*) 500, 600</li> </ul>				
<ul> <li>Aperture VISTA Symbols Database(*) 500, 600</li> </ul>				
• Aperture VISTA Web Services 500, 600				

### **Hewlett-Packard Connectors**

Connector	Windows	Linux	Unix	Support detail
<ul> <li>HP Asset Manager (with released API dynamic library)</li> <li>Asset Manager 5.1x</li> <li>Asset Manager 5.2x</li> <li>Asset Manager 9.3x</li> <li>Asset Manager 9.40</li> </ul>	X	X	X	Connection is performed via shared library API( aamapixx.dll or libaamapixx.so). All databases engines supported by OS versions of these products. RESTful WebServices exposure supported on Windows only. Connect-It does not supportAsset Manager on Linux except Asset Manager 9.31. See also Asset Manager compatibility matrix for support.
<ul> <li>HP Discovery and Dependency Mapping Inventory (DDMi)</li> <li>DDMi 7.6x</li> <li>DDMi 7.7</li> <li>DDMi 9.3x</li> </ul>	X	Х	X	Based on the Database connector, with a native connection to a MySQL database, so compatibility list is the one provided for that connector. It requires the MySQL shared library (libmysql.dll or libmysqlclient.so).
SCAuto listener	X	X	x	<ul> <li>Java-based connector Supports all SCAuto adapters except:</li> <li>The Japanese version of the SCAuto HP Network Node Manager adapter version 3.x.</li> <li>SCAuto Email adapter</li> <li>All the adapters using the following commands: QUERY2, INSERTBLOB, CREATEBLOB, DESCRIBE OBJECT, SELECT OBJECTS, END SELECT OBJECTS, GETNEXT OBJECT, STORE OBJECT.</li> </ul>

Connector	Windows	Linux	Unix	Support detail
HP Service Anywhere (v1)	х	x	х	This connector interacts with Hewlett-Packard Service Anywhere via Web Services (SOAP).
<ul> <li>HP ServiceCenter/Service Manager (with the provided API dynamic library for Service Manager 7.11 and previous versions)</li> <li>ServiceCenter 6.2</li> <li>Service Manager 7.1x</li> <li>Service Manager 9.2x</li> <li>Service Manager 9.30</li> <li>Service Manager 9.31</li> </ul>	X	X	X	For Service Manager 7.11 and previous versions: Connection is performed via shared library API - sccl32.dll or libsccl32.so (one version for each of the major version of ServiceCenter/Service Manager). Connect-It running on Windows/AIX can connect to SC/SM7 server running on any SC/SM supported platforms via the sccl32 library. Supported on Windows and AIX only. See also ServiceCenter/Service Manager compatibility matrix for support. For Service Manager 9.2x: Connection is performed via SOAP, Connect-It running on Windows/HPUX/Linux/Solaris/AIX can connect to SM9.2x server running on any platforms that SM9.2x supports.
<ul> <li>HP ServiceCenter/ServiceManager Web Service</li> <li>ServiceCenter, 6.2</li> <li>Service Manager 7.1x</li> <li>Service Manager 9.2x</li> <li>Service Manager 9.30</li> <li>Service Manager 9.31</li> </ul>	X	X	X	

Connector	Windows	Linux	Unix	Support detail
HP Cloud Service Automation (CSA) 3.0, 3.1, and 3.2	X	X	х	Based on REST connector, so compatibility list is the one provided for that connector. Interact with a RESTful service with Cloud Service Automation Server.
Matrix Operating Environment 7.1	Х	х		Based on REST connector, so compatibility list is the one provided for that connector. Interact with a RESTful service with MOE Server.
<ul> <li>HP Client Automation (Formerly named HP Configuration Management)</li> <li>HP Inventory Manager 7.5, 7.9, 8.1</li> <li>HP Service Events 7.5, 7.9, 8.1</li> <li>HP Usage Manager 7.5, 7.9, 8.1</li> <li>HP Management Portal 7.5, 7.9, 8.1</li> </ul>	X	X	X	For HP Client Automation 7.5, supports Standard Version only. Management Portal connector is based on Web Services API. Others are based on the Database connector, so compatibility list is the one provided for that connector.
<ul><li>HP Operations Manager for Unix</li><li>9.20</li></ul>	Х	X	х	Based on the Database connector, so compatibility list is the one provided for that connector.
HP Operations Manager for Windows • 9.0	x			Based on the Text connector, so compatibility list is the one provided for that connector. OVO data export to CSV file is done via WMI (Windows Management Instrumentation) API using a VB script.

Connector	Windows	Linux	Unix	Support detail
HP Network Node Manager i- series (NNMi)	X	x	х	Based on Web Services API.
• 9.0				
• 9.11				
• 9.2				
HP Universal CMDB	х	х	Х	Based on UCMDB 9 Java API. UCMDB 10 new features are not supported.
• 9.01				supporteu.
• 9.02				
• 9.05				
• 10.01				
HP Project and Portfolio Management Center (SOAP)	X	x	х	Based on Web Services API.
• 8.0, 8.02, 8.1				
• 9.1, 9.12, 9.20, 9.21				
HP Project and Portfolio Management Center (REST)	X	X		Based on RESTful service of PPM.
• 9.20, 9.21				

# **Application Connectors**

Connector	Windows	Linux	Unix	Support detail
Action Request System®	X	X	x	AR System® 6.3, 7.0 and 7.5 Connection is performed via AR System® dll, available with each version of AR System® . This API can connect to any server in terms of supported OS for the server machine and the underlying data storage.
Lotus Notes	Х			Lotus Notes 8.0, 8.5
NT Security	Х			Windows Server 2003
Tivoli Enterprise Console (send + receive)	X	X	x	TEC 3.9 It requires the jar files evd.jar and log.jar available in the TEC installation. Server (TEC) platform supported: Windows, Solaris, AIX, HP-UX, Linux The TEC connector (receiving) requires JRE to be installed on the TEC server.
JMS for IBM WebSphere MQ • IBM WebSphere MQ 6.x, 7.x	X	Х	X	MQ 6.x and 7.x are based on the JMS connector, supporting clustered MQ

### **Protocol Connectors**

Connector	Windows	Linux	Unix	Support detail
Command line	x	X	Х	

Connector	Windows	Linux	Unix	Support detail
Database (read + write)	X	X	X	ODBC* All version 3 drivers should work. See the Connect-It documentation for positively tested drivers.
				MS SQL (via ODBC)* Server: MS SQL 2005, MS SQL 2008 R2, MS SQL 2012 Client: MS SQL 2005, MS SQL 2008 R2, MS SQL 2012 Network protocols: TCP/IP, NetBIOS
				Oracle (native) Server: 10.1.0, 10.2.0, 11.1, 11.2 Client: 10.1.0, 10.2.0, 11.1, 11.2 Network protocols: all network protocols supported by the OCI are supported (in particular: TCP/IP, SPX/IPX (Novell), NetBEUI).
			Sybase Adaptive Server (native) Server: 12.5.x Client: 12.5.x Network protocols: all network protocols supported by the Ct/lib are supported (in particular: TCP/IP, SPX/IPX (Novell), NetBEUI)	
			MySQL (native) Server: 5.x	
				DB2 UDB (native) Server: 8.2 Client: 8.2 Network protocols: TCP/IP, NetBIOS
				DB2 MVS (via ODBC)* Server: 7.2 Client: DB2 connect DB2 SDK 8.1.10 Network protocols: TCP/IP, NetBIOS
				(*) Windows only.

Connector	Windows	Linux	Unix	Support detail
E-MAIL (fetch / send)		X	X	<ul> <li>POP3/POP3 over SSL, TLS Supported encodings:</li> <li>Big5*, CP437*, CP850*, CP866*, GB2312*, GBK*, GB18030*, HZ-GB-2312*, x-cp50227*, Big5-HKSCS*, IBM437*, ISO-8859-1, ISO-8859-2*, ISO-8859-9*, ISO-8859-15*, ISO-2022- JP*, ISO-2022-KR*, csISO2022JP*, Shift_JIS*, UTF-8, UTF-16*, US-ASCII, Windows- 1250*, Windows-1251*, Windows-1252*, Windows-1254*, KOI8-R*</li> </ul>
				IMAP/IMAP over SSL, TLS Supported encodings:
				<ul> <li>Check online documentation for encodings supported by JVM. For example, for the Oracle's JVM 1.6, you can refer to: http://download.oracle.com/javase/6/docs/technotes/guides/intl/encoding.doc. html</li> </ul>
				SMTP/SMTP over SSL, TLS/SMTP - authentication Supported encodings:
				<ul> <li>Big5*, CP437*, CP850*, CP866*, GB2312*, GBK*, GB18030*, HZ-GB-2312*, x-cp50227*, Big5-HKSCS*, IBM437*, ISO-8859-1, ISO-8859-2*, ISO-8859-9*, ISO-8859-15*, ISO-2022- JP*, ISO-2022-KR*, csISO2022JP*, Shift_JIS*, UTF-8, UTF-16*, US-ASCII, Windows- 1250*, Windows-1251*, Windows-1252*, Windows-1254*, KOI8-R*</li> </ul>
				Simple MAPI (Microsoft Exchange Server 2007 and Microsoft Exchange Server 2010). Refer to vendor library availability on UNIX platform. Supported encodings:
				• Any codepage (read / sent), providing it is supported by the Connect-It engine*, ISO-8859-1
				Extended MAPI (Microsoft Exchange Server 2007 and Microsoft Exchange Server 2010). Refer to vendor library availability on UNIX platform. Supported encodings:
				• Any codepage (read / sent), providing it is supported by the Connect-It engine*, ISO-8859-1

Connector	Windows	Linux	Unix	Support detail
				(*) Windows only.
				Receiving connector: Support HTML and Rich text. Skip format information in multipart email type.
				Sending connector: Support HTML. Not support Rich text.
JMS	х	Х	х	Supports XML messages based on an XML schema
				Interacts with any JMS provider that implements JMS 1.1 via a Destination (Queue or Topic)
				In particular:
				• JBossMQ
				Apache ActiveMQ
LDAP (read	x	х	X	LDAP version 3.
+ write)				In particular:
				IBM Domino
				Microsoft Active Directory
				Novell Directory Services
				OpenLDAP
				Oracle Directory Server
				Relies on provided OpenLDAP library (oldap.dll or libolap.so). Network protocols: TCP/IP
				OpenLDAP 2.4.33 is supported on Windows and Linux systems. Unix still relies on older OpenLDAP versions.

Connector	Windows	Linux	Unix	Support detail
Text (CSV, ) (read + write)	X	X	X	Connection: • local file • http* • https, support client and server certificate* Supported encodings: Big5*, CP437*, CP850*, GB2312*, IBM437*, ISO-8859-1, ISO-8859-2*, ISO-8859-9*, ISO- 8859-15*, ISO-2022-JP*, ISO-2022-KR*, Shift_JIS*, UTF-8, UTF-16*, US-ASCII, Windows- 1250*, Windows-1252*, Windows-1254* Compression (read mode): • gzip 1.2.4 (*) Windows only.

Connector	Windows	Linux	Unix	Support detail
XML (read + write)	X	Х	Х	Supports DTD and XML schema (XML schema requires JRE installed) Parsing:
				SAX parser
				Supported encoding (read):
				Big5*, CP437*, CP850*, GB2312*, IBM437*, ISO-8859-1, ISO-8859-2*, ISO-8859-4*, ISO-8859-9*, ISO-8859-15*, Shift_JIS*, UTF-8, UTF-16*, US-ASCII, Windows-1250*, Windows-1252*, Windows-1254*
				Supported encoding (write):
				Big5*, CP437*, CP850*, GB2312*, IBM437*, ISO-8859-1, ISO-8859-2*, ISO-8859-4*, ISO-8859-9*, ISO-8859-15*, Shift_JIS*, UTF-8, UTF-16*, US-ASCII, Windows-1250*, Windows-1252*, Windows-1254*
				Compliant with XML 1.0 except:
				ANY element declaration is not supported
				PCDATA (blob) in XML file is not supported
				Namespaces are not supported for DTDs
				Default values on elements in XSD declaration are not supported: the XSD is properly parsed but the default values will not be added in the produced document(default values on attributes in DTD declaration are supported).
				Connection:
				local file
				• ftp*
				http*

Connector	Windows	Linux	Unix	Support detail
				<ul> <li>https, support client and server certificate*</li> </ul>
				Compression (read mode):
				• gzip 1.2.4
				(*) Windows only.
XML listener	x	х	х	Relies on a Web Server able to host a servlet. Refer to RESTful exposure of a connector as an alternative.
SOAP	х	Х	х	Bindings:
				SOAP protocol 1.1 and 1.2 support
				SOAP - Transport: HTTP/HTTPS POST - Encoding: Document Literal, RPC Literal and RPC Encoded (Document Encoded is not supported)
				HTTP/HTTPS GET - support response mime content type 'text/xml' and 'application/xml'
				HTTP/HTTPS POST - support request mime content type 'application/x-www-form- urlencoded' and response mime content type 'text/xml' and 'application/xml' MTOM attachments support in request and response, MIME attachments support in response.
				HTTP over SSL support
				Compression: gzip
				Authentication: Basic, NTLMv2
				Support proxy (HTTP proxy)

Connector	Windows	Linux	Unix	Support detail
REST	х	Х	Х	Interacts with a RESTful service or an HTTP server;
				Protocol: HTTP/HTTPS, customized HTTP header.
				Data format: Text/File/Multipart, XML format, ATOM based an ATOM XSD.
				Compression: gzip
				Transport: HTTP/HTTPS, Support dynamic http methods (POST, PUT, DELETE, GET).
				SSL: "trustall" SSL certificate option.
				Authentication: Basic, NTLMv2
				Support proxy (HTTP proxy)
REST	х	Х	Х	Interacts with an HTTP server using:
(Deprecated)				Protocol: ATOM feed with entries whose content is XML-based
				Transport: HTTP/HTTPS POST,PUT,DELETE,GET
				Authentication: Basic
				Support proxy
HTTP	х	Х	Х	Protocol: ATOM/XML (with XML based entries) and JSON
Service				Transport: HTTP/HTTPS POST,PUT,DELETE,GET
				Authentication: Basic
				Support proxy

#### **ERP and CRM Connectors**

Connector	Windows	Linux	Unix	Support detail
SAP R/3	X	Х	X	<ul> <li>R/3 3.1I and higher. Require SAP JCo Release 2.1.8 or higher (successfully tested with SAP JCo 2.1.8).</li> <li>BAPI</li> <li>IDOC</li> <li>ALE</li> </ul>
SAP WebServices	X	X	X	<ul> <li>WebAS 6.40 and higher, NetWeaver 7.0</li> <li>Out-of-Box WebServices</li> <li>User-defined WebServices</li> <li>XI WebServices</li> </ul>

# **Obsolescence Plans**

As of June 2013, there are no plans to end support for any currently supported version of Connect-It.

# We appreciate your feedback!

If you have comments about this document, you can contact the documentation team by email. If an email client is configured on this system, click the link above and an email window opens with the following information in the subject line:

#### Feedback on Connect-It, 9.52 Support Matrix

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