HP Connect-It

Software Version: 9.60

For the Windows® and Linux® operating systems

Support Matrix

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HP Connect-It (9.60) Page 2 of 26

Contents

Requirements	4
Hardware	
Operating System	
Java Runtime Environment	
Compatibility	f
Languages	
Internationalization Variances	
Virtualization Products	
High-Availability Products	
HP Software Integrations	7
HP Software Coexistence	7
Other Software Coexistence	7
Modules	7
Connector Support	8
Inventory Connectors	
Hewlett-Packard Connectors	11
Application Connectors	15
Protocol Connectors	16
ERP and CRM Connectors	24
Obsolescence Plans	25
Send Documentation Feedback	26

Requirements

This section provides information about the supported hardware and software that you must have to successfully install and run Connect-It 9.60.

Hardware

The recommended hardware requirements for Connect-It 9.60 are as follows:

Windows

• CPU: Dual-core 2 GHz or above

• RAM: 2 GB or above

Linux

• CPU: Dual-core 2 GHz or above

• RAM: 2 GB or above

Operating System

Connect-It 9.60 runs on the following operating systems:

Platform	os
x86-32 / Microsoft Windows*	Windows Server 2008 SP1/SP2 Windows Vista Windows 7 SP1 Enterprise Windows 8
x86-64 / Microsoft Windows*	Windows Server 2008 SP1/SP2 Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2 Windows 7 SP1 Enterprise Windows 8
x86-32 / Linux*	Red Hat Enterprise Linux 5 and 6 (32-bit and 64-bit) Oracle Linux 6

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

HP Connect-It (9.60) Page 4 of 26

Java Runtime Environment

Connect-It 9.60 requires Java Runtime Environment (JRE) installed (only 32-bit JVM is supported). Linux may require patches to support JRE.

One of the following supported Java Runtime Environment is required to run Connect-It 9.60:

Vendor	Version
Oracle	Oracle Java Runtime Environment 6.0 and 7.0

HP Connect-It (9.60) Page 5 of 26

Compatibility

This section provides information about software and configurations that are not required, but which are compatible with Connect-It 9.60.

Languages

The following table lists the supported languages of Connect-It9.60:

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 Character	Language
language		Character Set	Set	support
English (en)	Executable and documentation	UNICODE (Latin-1 by default)	ANSI (Latin-1 by default)	L1, L2, L3

Internationalization Variances

Connect-It 9.60 runs on all locales described in this document. There are no known variances.

HP Connect-It (9.60) Page 6 of 26

Virtualization Products

Connect-It 9.60 can be used with the following virtualization products:

- VMware Workstation 7.x and 8.x
- VMware ESXi 4.x and 5.x
- VMware vMotion
- Hyper-V in Windows Server 2008 R2

High-Availability Products

Connect-It 9.60 is compatible with the following high-availability products:

VMware vMotion

HP Software Integrations

Information about HP software that integrates with Connect-It 9.60 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 9.60 is available.

Other Software Coexistence

No coexistence information for Connect-It 9.60 is available.

Modules

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

HP Connect-It (9.60) Page 7 of 26

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

Connector Support

This section introduces the supported connectors in Connect-It9.60.

HP Connect-It (9.60) Page 8 of 26

Inventory Connectors

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

Connector	Windows	Linux	Support detail
Altiris 6 Altiris 7	X		Altiris 6.1 Altiris 7.0 and 7.1
CA Unicenter DSM	X	Х	Unicenter Desktop and Server Management r11
LANDesk for Inventory	x	Х	LANDesk 8.8 and 9.0
LANDesk for Software Distribution	х	Х	LANDesk 8.8 and 9.0
System Management Service/System Center Configuration Manager	Х		SCCM 2007, 2012, and 2012 R2
Tally Systems T.S. Census	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	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.

HP Connect-It (9.60)
Page 9 of 26

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

HP Connect-It (9.60)
Page 10 of 26

Hewlett-Packard Connectors

Connector	Windows	Linux	Support detail
HP Asset Manager (with released API dynamic library) • Asset Manager 9.3x • Asset Manager 9.40, 9.41	х	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. See also Asset Manager compatibility matrix for support.
HP Discovery and Dependency Mapping Inventory (DDMi) DDMi 7.6x DDMi 7.7 DDMi 9.3x	X	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	 Java-based connector Supports all SCAuto adapters except: The Japanese version of the SCAuto HP Network Node Manager adapter version 3.x. SCAuto Email adapter All the adapters using the following commands: QUERY2, INSERTBLOB, CREATEBLOB, DESCRIBE OBJECT, SELECT OBJECTS, END SELECT OBJECTS, GETNEXT OBJECT, STORE OBJECT.

HP Connect-It (9.60)
Page 11 of 26

Connector	Windows	Linux	Support detail
HP ServiceCenter/Service Manager (with the provided API dynamic library for Service Manager 7.11 and previous versions) • Service Manager 7.1x • Service Manager 9.2x • Service Manager 9.3x • Service Manager 9.40	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 can connect to SC/SM7 server running on any SC/SM supported platforms via the sccl32 library. Supported on Windows 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/Linux can connect to SM9.2x server running on any platforms that SM9.2x supports.
HP ServiceCenter/ServiceManager Web Service • Service Manager 7.1x • Service Manager 9.2x • Service Manager 9.3x • Service Manager 9.40	X	X	
HP Cloud Service Automation (CSA)3.x4.0	X	x	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, 7.2, and 7.3	Х	Х	Based on REST connector, so compatibility list is the one provided for that connector. Interact with a RESTful service with MOE Server.

HP Connect-It (9.60)
Page 12 of 26

Connector	Windows	Linux	Support detail
HP Client Automation (Formerly named HP Configuration Management) HP Inventory Manager 8.1 HP Service Events 8.1 HP Usage Manager 8.1 HP Management Portal 8.1	X	X	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.
HP Operations Manager for Unix • 9.20	Х	X	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.
HP Network Node Manager i-series (NNMi) • 9.0 • 9.11 • 9.2 • 10.0	X	X	Based on Web Services API.

HP Connect-It (9.60)
Page 13 of 26

Connector	Windows	Linux	Support detail
HP Universal CMDB	X	Х	Based on UCMDB 10 Java API.
• 10.01			
• 10.10			
• 10.11			
HP Project and Portfolio Management Center (SOAP)	X	X	Based on Web Services API.
• 9.1, 9.12, 9.20, 9.21, 9.30			
HP Project and Portfolio Management Center (REST) • 9.20, 9.21, 9.30	Х	X	Based on RESTful service of PPM.
HP Management as a Service	X	X	Based on REST connector, so compatibility list is the one provided for that connector. Interact with a RESTful service with HP Management as a Service Server.

HP Connect-It (9.60)
Page 14 of 26

Application Connectors

Connector	Windows	Linux	Support detail
Action Request System®	х	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 and 8.5
NT Security	х		Windows Server 2003
Tivoli Enterprise Console (send + receive)	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 and 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	X	MQ 6.x and 7.x are based on the JMS connector, supporting clustered MQ

HP Connect-It (9.60)
Page 15 of 26

Protocol Connectors

Connector	Windows	Linux	Support detail
Command line	X	X	

HP Connect-It (9.60)
Page 16 of 26

Connector	Windows	Linux	Support detail
Database (read +	Х	x	ODBC* All version 3 drivers should work. See the Connect-It documentation for positively tested drivers.
write)	rite)		MS SQL (via ODBC)* Server: MS SQL 2005, MS SQL 2008 R2, MS SQL 2012, MS SQL 2014 Client: MS SQL 2005, MS SQL 2008 R2, MS SQL 2012, MS SQL 2014 Network protocols: TCP/IP, NetBIOS
			Oracle (native) Server: 10.1.0, 10.2.0, 11.1, 11.2, 12c Client: 10.1.0, 10.2.0, 11.1, 11.2, 12c 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, 10.1, 10.50, 11.1 Client: 8.2, 10.1, 10.50, 11.1 Network protocols: TCP/IP, NetBIOS
			DB2 MVS (via ODBC)* Server: 7.2, 10.1 Client: DB2 connect DB2 SDK 8.1.10, 10.1 Network protocols: TCP/IP, NetBIOS
			(*) Windows only.

HP Connect-It (9.60)
Page 17 of 26

Connector	Windows	Linux	Support detail
Connector E-MAIL (fetch / send)	Windows X	X	POP3/POP3 over SSL, TLS Supported encodings: 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*, K0I8-R* IMAP/IMAP over SSL, TLS Supported encodings: 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 SMTP/SMTP over SSL, TLS/SMTP - authentication Supported encodings:
			 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* 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 (*) Windows only.

HP Connect-It (9.60)
Page 18 of 26

Connector	Windows	Linux	Support detail
			Receiving connector: Support HTML and Rich text. Skip format information in multipart email type.
			Sending connector: Support HTML. Not support Rich text.
JMS	X	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 +	х	Х	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.

HP Connect-It (9.60)
Page 19 of 26

Connector	Windows	Linux	Support detail
Text (CSV,)	,) X X		Connection:
(read + write)			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.

HP Connect-It (9.60)
Page 20 of 26

Connector	Windows	Linux	Support detail
XML (read +	х	Х	Supports DTD and XML schema (XML schema requires JRE installed)
write)			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*

HP Connect-It (9.60)
Page 21 of 26

Connector	Windows	Linux	Support detail
			https, support client and server certificate*
			Compression (read mode):
			• gzip 1.2.4
			(*) Windows only.
XML listener	Х	X	Relies on a Web Server able to host a servlet. Refer to RESTful exposure of a connector as an alternative.
SOAP	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)

HP Connect-It (9.60)
Page 22 of 26

Connector	Windows	Linux	Support detail
REST	x	X	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	x	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 Service	х	Х	Protocol: ATOM/XML (with XML based entries) and JSON
			Transport: HTTP/HTTPS POST,PUT,DELETE,GET
			Authentication: Basic
			Support proxy

HP Connect-It (9.60)
Page 23 of 26

ERP and CRM Connectors

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

HP Connect-It (9.60)
Page 24 of 26

Obsolescence Plans

As of December 2014, there are no plans to end support for any currently supported version of Connect-It.

HP Connect-It (9.60) Page 25 of 26

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HP Connect-It (9.60) Page 26 of 26