

HP Continuous Delivery Automation

Platform and Software Support Matrix

Version 1.30

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Overview

This document provides an overview of the requirements for HP Software Continuous Delivery Automation (HP CDA) Version 1.30. It includes information for hardware and software setup.

Plugins and Integrations Available in Version 1.30

HP CDA can integrate with many software products that provide services to HP CDA. Many of these products integrate with HP CDA via plugins, and the monitoring providers integrate to HP CDA via other techniques. The following table lists the plugins and integrations that are supported by HP CDA 1.30.

Build Tools (Plugins)
Jenkins/Hudson Concurrent Versions System (CVS) Subversion (SVN)
Application Deployment (Plugins)
HP Server Automation (HP SA) HP Operations Orchestration (HP OO) HP Database and Middleware Automation (HP DMA) SSH deployer Opscode Chef
Infrastructure Deployment (Plugins)
HP Matrix Operating Environment (HP MOE) VMware Microsoft Hyper-V Physical servers Public cloud (HP Cloud Service (CS), Amazon Elastic Compute Cloud (EC2), or Savvis) Existing Infrastructure Cloud Connector Ubuntu Kernel-Based Virtual Machine (KVM) Public Cloud
Customer Portal (Plugin)
HP Cloud Service Automation (HP CSA)
Monitoring (Integrations)
HP SiteScope HP Diagnostics HP Operations Manager (HP OM) Nagios

HP CDA Documentation

For HP CDA documentation, go to <http://h20230.www2.hp.com/selfsolve/manuals>. General-access documentation requires that you register for an HP Passport and sign in.

Hardware Requirements

For the performance and stability of the HP CDA environment, equipment must meet the minimum requirements for memory, processor, disk space, and network bandwidth.

Production Environments

Processor	1 dual-core or quad-core processor
RAM	6 Gb
Disk space	3 Gb available
Network bandwidth	1 Gb/sec

Development or Evaluation Environments

Processor	1 dual-core or quad-core processor
RAM	2 Gb
Disk space	3 Gb available
Network bandwidth	100 Mb/sec

Sample Hardware Configuration

For a production environment with 500 concurrent users, the following sample configuration meets the requirements for a physical hardware platform running HP CDA:

- HP ProLiant BL280c G6 E5506 2G (1P) Server Blade
- Intel® Xeon® E5506 processor (4-core, 2.13 GHz, 4 Mb L3 cache, 80W)
- 6 Gb RAM (assuming a 64-bit OS and JDK)
- HP 60 Gb 1.5G SATA 5.4K SFF HDD model 379306-B21
- HP NC362i Integrated Dual Port Gigabit Server Adapter

Software Requirements

To deploy HP CDA, install the software shown in the table below. Refer to the *HP CDA 1.3 Installation and Configuration Guide* for a complete list of installation requirements, prerequisites, and procedures.

Important: Support for HP CDA 1.30 is aligned to support for integrated solution component software. Some of the information below is based on validation by HP. You should refer to the latest vendor documentation before proceeding.

HP CDA 1.30 Platforms	Supported Versions
Microsoft Windows	2008 R2 x64
Red Hat Enterprise Linux	v6 x64
Ubuntu Linux	12.04 LTS 64-bit
SUSE Enterprise Linux	11 SP3
Integrated Components	Supported Versions
HP Cloud Connector Plugin	1.20
HP CSA	3.20
HP MOE with Integration Orchestration (IO) software	7.1.0 7.1.1 7.1.2 7.2.0
HP Diagnostics	9.20 9.21
HP SiteScope	11.20 11.21
HP OO	9.00 9.06 9.07 10.00
HP SA	9.13 9.14 9.15 9.16 10.00 10.01
HP DMA Solution Packs	9.13 9.14 9.15 10.00 10.01 10.10
HP Application Lifecycle Management (HP ALM)	11.51 SP1 11.52

Nagios: Nagios Server Nagios Agent for Linux Nagios Agent for Windows	3.2.3 Nagios-agent 1.0; OS: Ubuntu Linux 10.04 or 12.04 NSClient++ 0.3.9; OS: Windows 2008
Opscode Chef Open Source Edition Server	0.10.6 0.10.12
Opscode Chef Open Source Edition Client	0.10.x
HP Operations Manager for UNIX	9.10
CVS server	CVSNT 2.5.05 Build 3744
CVS client	CVSNT 2.8.01
Jenkins	1.489 (with ALI 2.6.0 plugin) 1.499 (with ALI 2.6.0 plugin)
SVN server	1.6.6 (r40053)
SVN client	Slik SVN 1.7.8 64-bit TortoiseSVN 1.8.1 (r1503906)
Databases	Supported Versions
Oracle 11g Release 2 Standard Standalone 64-bit	11.2.0.2.0
Oracle 11g Release 2 Enterprise Standalone 64-bit	11.2.0.3.0
Oracle 11g Release 2 Enterprise RAC 64-bit	
Oracle Database JDBC Drivers	ojdbc6.jar orai18n.jar You can download the JDBC drivers at http://www.oracle.com/technetwork/database/enterprise-edition/jdbc-112010-090769.html
Microsoft SQL Server (Standard Edition) Microsoft SQL Server (Enterprise Edition)	2008 R2 SP1 2008 R2 SP3 2012 ¹
Microsoft SQL Server JDBC Driver for Microsoft SQL Server 2008 R2 (for database connectivity)	3.0 You can download the JDBC driver at http://www.microsoft.com/en-us/download/details.aspx?id=21599
PostgreSQL	9.1.5
PostgreSQL Driver (for database connectivity)	9.1-903 JDBC 4 You can download the JDBC driver at http://jdbc.postgresql.org/download.html
Hypervisors	Supported Versions
VMware	ESXi 4.x ESXi 5.x
Microsoft Hyper-V	2008 R2
KVM	1.0.50
J2EE Servers	Supported Versions
JBoss Enterprise Application Platform (EAP) (bundled)	7.10
Load Balancers	Supported Versions
F5 Networks BIG-IP Local Traffic Manager	11.1
Browsers	Supported Versions
Microsoft Internet Explorer	8.00 9.00 10.00
Mozilla Firefox	8.00 9.00 10.00 11.00 17.00
Adobe Flash Player	10.3 or later
JDK	Supported Versions


Oracle (Sun) JDK	1.7.0 through 1.7.0_21 For Oracle Java Database Connectivity (JDBC), you can use ojdbc6.jar (which internally uses JDK version 1.6). Important: Do not upgrade the JDK to a version later than 1.7.0_21. Some aspects of HP CDA operation will not work correctly with a later version of the JDK.
Public Cloud Deployments	Supported Deployments
	Amazon EC2 HP Cloud

¹ During HP CDA installation, the install wizard will still indicate a selection choice "MSSQL 2008" during database configuration, but the user can specify Microsoft SQL Server 2012 details.

For More Information

For more information about HP CDA, visit <http://www.hp.com/go/cda>.

For HP software product manuals and other documentation, visit <http://h20230.www2.hp.com/selfsolve/manuals>. You need an HP Passport to sign in.



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