HP Continuous Delivery Automation

Platform and Software Support Matrix

Version: 1.20

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HP Continuous Delivery Automation Software Setup

This document provides an overview of the requirements for HP Software Continuous Delivery Automation (HP CDA) Version 1.20, including information for hardware and software setup.

Plugins and Integrations Available in HP CDA 1.20

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 for HP CDA 1.20.

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 & Middleware Automation (HP DMA) SSH deployer OpsCode Chef
Infrastructure Deployment (plugins)

HP Matrix Operating Environment (HP Matrix OE)
  VMware
  Microsoft Hyper-V
  Physical servers
  Public Cloud (HP CS, Amazon EC2, Savvis)
Existing Infrastructure
Cloud Connector
  Ubuntu 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

To access HP CDA Documentation, go to the HP Software Product Manuals website at:

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, it is very important to meet the minimum recommendations for memory, processors, and disk space for each of the components in the table below. Before installation, please reference the appropriate platform support matrix for each component product.

HP CDA System Requirements – Production Environments

Processor	1 Dual Core or Quad Core processor
RAM	6 GB
Hard Disk Space	3 GB or more free hard disk space
Network Bandwidth	1 Gb/second or higher

HP CDA System Requirements – Development or Evaluation Environments

Processor	1 Dual Core or Quad Core processor
RAM	2GB
Hard Disk Space	3 GB free hard disk space
Network Bandwidth	100 Mb/second or higher

Sample Configuration

For a production environment with 500 concurrent users, the following minimum example configuration is recommended in the case of a physical hardware platform running HP CDA:

- HP ProLiant BL280c G6 E5506 2G (1P)
- Intel® Xeon® E5506 (4 core, 2.13 GHz, 4 MB L3, 80W)
- 6GB RAM – assuming 64-bit OS and JDK
- HP 60GB 1.5G SATA 5.4K SFF HDD - 379306-B21
- 1GbE NC362i 2 Ports

Software Requirements

To successfully deploy the HP CDA solution, install the software shown in the table below. Refer to the *HP CDA Installation and Configuration Guide* for a complete list of installation requirements and prerequisites, plus step-by-step instructions.

IMPORTANT: Support for HP CDA 1.20 is aligned to support for integrated solution component software.

HP CDA 1.20 Platforms	**Supported Versions**
Microsoft Windows RedHat Linux Enterprise Ubuntu Linux	2008 R2 x64 V6 x64 12.04 LTS 64-bit
Integrated Components	**Supported Versions**
HP Cloud Services Automation (HP CSA)	3.10
HP Matrix Operating Environment (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 Operations Orchestration (HP OO)	9.00, 9.06, 9.07
HP Server Automation (HP SA)	9.13 9.14
HP Database and Middleware Automation (HP DMA) Solution Packs	9.13 9.14 9.15
HP Application Lifecycle Management (HP ALM)	11.51 SP1
Nagios: Nagios Server Nagios Agent for Linux Nagios Agent for Windows	 3.2.3 Nagios-agent 1.0, OS – Ubuntu 10.04 and 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
Concurrent Versions System (CVS)	2.5.05 Build 3744
Jenkins	1.489, 1.499
Subversion (SVN)	1.6.6 (r40053)

Databases	**Supported Versions**
Oracle 11g R2	Oracle 11g R2 Standard Standalone 64-bit Oracle 11g R2 Enterprise Standalone 64 bit Oracle 11g R2 Enterprise RAC 64-bit
Microsoft® SQL Server Standard and Enterprise Edition	2008 R2 SP1 2008 R2 SP3
PostgreSQL	9.1.5
Hypervisors	**Supported Versions**
VMware	ESXi 4.x ESXi 5.x
Microsoft Hyper-V	2008 R2
Kernel-based Virtual Machine (KVM)	1.0.50
J2EE Servers	
JBoss EAP (bundled)	7.10
Load Balancers	**Supported Versions**
F5 BIG-IP Local Traffic Manager	11.1
Browsers	**Supported Versions**
Microsoft Internet Explorer	8.00 9.00
Mozilla Firefox	8.00 9.00 10.00 11.00 17.00
Adobe Flash Player	10.3 or later
JDK	
Oracle (Sun) JDK	1.7
Supported Public Cloud Deployments	
Amazon EC2 HP Cloud	

For More Information

For more information on HP Continuous Delivery Automation, visit http://www.hp.com/go/cda

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