HP Continuous Delivery Automation

for the Microsoft Windows and Linux operating systems

Release Notes

Software version: 1.00 / 12 June, 2012

This document provides an overview of HP Continuous Delivery Automation (HP CDA) for the [insert release information here. It contains important information not included in the manuals or in online help.

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This is the first version of HP CDA. This product from HP provides a model driven approach to lab management automation, automation of application deployment, and monitoring. This enables customers to focus on their core applications and in driving business values while reducing costs, risks, and time to perform provisioning and deployment tasks. The core features provided include:

- Application and infrastructure modeling and configuration management including version control, role based access, lifecycle management and Definitive Software Library (DSL).
- Lab management automation that includes build, test, and verification of the application.
- Continuous delivery and application lifecycle integration in a DevOps environment.
- Application deployment management using configurable tool options. In this release, HP CDA supports the following software deployment applications:
  - HP Server Automation
  - Opscode Chef
  - HP Database and Middleware Automation (DMA)
  - HP Operations Orchestration (OO)

- Infrastructure provisioning management of physical, virtual, and public cloud environments:

  - HP Cloud
  - Amazon EC2 public cloud
  - Hypervisors:
    - VMware ESX Server
    - Microsoft HyperV
- Embedded monitoring deployment in conjunction with application deployment. In this release, HP CDA support the following tools for monitoring the applications:
  - HP Diagnostics
  - HP SiteScope
  - Nagios

- Application and associated data, configuration, and artifact portability through the entire application lifecycle.

Documentation Updates

The first page of this release notes document contains the following identifying information:

- Version number, which indicates the software version.
- Publish date, which changes each time the document is updated.

To check for recent updates or to verify that you are using the most recent edition, visit the following URL:

http://h20230.www2.hp.com/selfsolve/manuals

This site requires that you register for an HP Passport and sign-in. To register for an HP Passport ID, go to:

http://h20229.www2.hp.com/passport-registration.html

Or click the **New users - please register** link on the HP Passport login page.

You will also receive updated or new editions if you subscribe to the appropriate product support service. Contact your HP sales representative for details.

NOTE: To view files in PDF format (`*.pdf`), Adobe Acrobat Reader must be installed on your system. To download Adobe Acrobat Reader, go to the following web site:
http://www.adobe.com/

Installation Notes

Installation requirements, as well as instructions for installing HP Continuous Delivery Automation are documented in the *HP Continuous Delivery Automation Installation and Configuration Guide for* HP CDA provided in Adobe Acrobat (`.pdf`) format. The document file is included on the product's CD or DVD media under the following folder:

- On Microsoft Windows platforms: cda-iso-1.00\CDA 1.00\Documentation
- On Linux platforms: /root/<installer.jar>/distribution/doc/PDF

Known Problems, Limitations, and Workarounds

Cannot add a monitor definition to the same policy with multiple parameter definitions

Description	You cannot add a monitor definition to the same monitoring policy more than once. For example, a URL latency monitor that takes a URL as a parameter cannot be included in the same policy multiple times with different URL parameter values.
Workaround	You must create separate policies.

Job events do not display the user-specified name of the event in the Latest Events screen

Description	The **Latest Events** screen does not display the subject of the event. You must individually open each event to identify the source of the event.
Workaround	No known workaround at present.

HP CDA does not time-out after waiting for a response from a command that stops responding

Description	HP CDA does not time-out and waits for an indefinite period of time for a response from a command that stops responding. For example, a provision operation does not time out if the `knife bootstrap` command stops responding during the provisioning operation.
Workaround	No known workaround at present.

Software with custom tags creates a null pointer exception

Description	After an export and import operation of a software application with custom tags, HP CDA displays a null pointer exception when you try to access the software. HP CDA imports the application, but does not import the custom tags associated with the application.
Workaround	You must export or import the tags before exporting or importing the software application with which the tags are associated. You can use the **Tag Management** feature provided by HP CDA to import or export custom tags associated with a software application.

Limited scripting tool support by HP CDA

Description	HP CDA currently supports only the shell on Linux platforms and the PowerShell on Microsoft Windows platforms as the scripting tools.
Workaround	Not applicable

Deployment of the same HP SiteScope template to the same target directory on two or more HP SiteScope systems is not supported

Description	Deployment of the same HP SiteScope template to the same target directory on two or more HP SiteScope systems generates an exception when these HP SiteScope systems generate events from their deployed monitors.
Workaround	You can avoid this problem if you deploy the monitors of each HP SiteScope installation to different target directories.

Bootstrap and deployment operation failure due to SSH running on a non default port

Description	HP CDA does not support bootstrap and deployment operations for instances of a realized platform that run SSH on a non default port.
Workaround	For instances of a realized platform that run SSH on a non default port, you must configure SSH to run on the default port, 22, to resolve this issue.

Unable to add or modify monitoring policies for applications deployed

Description	HP CDA does not support addition or modification of monitoring policies for an application that is already deployed.
Workaround	To resolve this issue, you must un-deploy the application, assign the required monitoring policies, and then deploy the application again.

Connection between HP CDA and HP MOE server over dual routed networks is not supported

Description	Connection from HP CDA to an HP MOE server over dual routed networks fails.
Workaround	No known workaround at present.

Hostname changes result in operation failure

Description	Some operations might fail if the hostname of a provisioned server is changed. For example, if you try to deploy an application to a server that had a different hostname at the time of provisioning the

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	server, the deploy operation fails.
Workaround	No known workaround at present.

Custom location for directory not supported

Description	HP CDA does not support custom location for the `platform.datafile` directory.
Workaround	No known workaround at present.

HP CDA does not work with Puppet Master

Description	Though HP CDA is licensed to work with puppet master from Puppet Labs as a deployer, the current version of HP CDA does not support puppet master.
Workaround	Not applicable

Application deployment fails while using HTTPS to download software artifacts from external links

Description	When you use HTTPS as the protocol to download software artifacts from external URLs during an application deployment, the deployment fails. In this version, HP CDA does not support HTTPS as the protocol to download software artifacts from external URLs.
Workaround	Not applicable

Application deployment fails while using the command line interface

Description	When you upload the default package definition file for the software artifact from DSL and use the HP CDA command line interface to deploy the application, the application deployment fails.
Workaround	You can use the HP CDA user interface to deploy the application.

Support

You can visit the HP Software support web site at:

www.hp.com/go/hpsoftwaresupport

This web site provides contact information and details about the products, services, and support that HP Software offers.

HP Software online software support provides customer self-solve capabilities. It provides a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the support site to:

- Search for knowledge documents of interest
- Submit and track support cases and enhancement requests
- Download software patches
- Manage support contracts
- Look up HP support contacts
- Review information about available services
- Enter into discussions with other software customers
- Research and register for software training

Most of the support areas require that you register as an HP Passport user and sign in. Many also require an active support contract. To find more information about support access levels, go to the following URL:

http://h20230.www2.hp.com/new_access_levels.jsp

To register for an HP Passport ID, go to the following URL:

http://h20229.www2.hp.com/passport-registration.html

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