



IBM UrbanCode Deploy V6.2.5 offers improved application deployment automation for enterprises striving towards a continuous delivery model in a hybrid cloud environment

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Overview

IBM UrbanCode™ Deploy V6.2.5 improves support for multiple clouds so you can deploy full stack applications to any cloud with reliability and repetition.

Additionally, Version 6.2.5:

- Improves support for VMware and adds support for Terraform^(R).
- Improves installation on IBM z Systems™ to separate binary and configuration installation.
- Offers a new Environment Compare dashboard for easy comparison of properties across environments.

Key prerequisites

UrbanCode™ Deploy supports the Red Hat Enterprise Linux™ (RHEL) Server 6 x86-64 operating system. For details, refer to the [Hardware requirements](#) and the [Software requirements](#) sections.

Planned availability date

June 20, 2017

Description

Expanded cloud and VMware support includes the following:

- New Terraform support that allows users to manage full-stack application deployments in UCD with Terraform
- SoftLayer^(R) cloud support improvements that include :
 - API performance improvements through direct REST calls into SoftLayer
 - Ability to dynamically specify a storage account for script provisioning at provision time

- Ability to specify custom values for NIC_speed and disks on a new virtual machine
- Azure cloud support improvements that include:
 - Upgraded support for the most recent version of Azure API
 - Support for provisioning of additional Azure resources
- Ability to target specific datacenters through VMware/vCenter support
- Added support for the experimental version of a Newton Heat engine, to orchestrate deployments against the latest version of the OpenStack Heat engine
- Customizable caching in the Cloud Discovery Service that significantly improves performance in the Blueprint Designer cloud connectivity

Other enhancements in Version 6.2.5

- New Environment Compare feature in UrbanCode Deploy now allows you to compare property values across multiple environments. The new layout makes it easy to identify required properties, quickly ensure that properties are consistent, and provide an overview to environment configuration.
- z Systems™ improvements that make it easier to install and update UrbanCode Deploy for z Systems.
- The Configure plugin for WebSphere Application Server adds support for applying and removing partial configurations. It is described in this [how-to document](#).
- UrbanCode Deploy migrates from older, traditional WebSphere® Application Server versions to WebSphere Application Server Version 9. See the [short video](#).
- Includes the ability to manage data accumulation for better performance. Enhancements to cleanup policies are made to enforce the cleaning of unwanted and unneeded data. These changes help reduce the footprint of your Codestation repository.
- New and improved [plugins](#) include:
 - Artifactory plugin (improved)
 - IBM® InfoSphere® DataStage® (improved)
 - IBM Integration Bus (improved)
 - IBM Operational Decision Manager (improved)
 - JIRA: Web Proxy Support added
 - Nuget Source Config: Nexus v2 and v3 support added
 - OpenShift: New steps and APAR fixes
 - ServiceNow: Steps support Geneva, Helsinki, Istanbul
 - TeamCity Source Config: TeamCity v10+ support

Cloud Foundry, Jenkins, IIB, and API Connect are now available in [open development community](#).

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT), containing details about accessibility compliance, can be found on the [IBM® Accessibility](#) website.

Program number

Program number	VRM	Program name
5725-M54	6.2.5	IBM UrbanCode Deploy

Offering Information

Product information is available on the [IBM Offering Information](#) website.

More information is also available on the [Passport Advantage^{\(R\)}](#) and [Passport Advantage Express^{\(R\)}](#) website.

Publications

Technical documentation can be found in [IBM Knowledge Center](#).

Services

Global Technology Services

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

Technical information

Specified operating environment

Hardware requirements

Disk space: 300 MB, or more.

Memory: The server process needs a static 2 GB of available RAM. Extra memory is required for each agent. This means that the sum of 2 GB RAM and 4 MB multiplied by 800 agents is equal to approximately 5 GB RAM.

Network adapters, drivers, and protocols: 1000 GB required. Ethernet with low latency to the database.

Processor: The server needs approximately double the CPU capacity of a relay. So, given the number of agents (800) and two cores per 500 agents on the relay, the recommendation is an 8-core machine available for the server.

Storage hardware: Individual requirements depend on usage, retention policies, and application types. In general, the larger the number of artifacts kept in UrbanCode Deploy's artifact repository (CodeStation), the more storage that is needed.

Note: CodeStation is installed when the deploy server is installed.

For production environments, 10-20 GB of database storage should be sufficient for most environments.

To calculate the CodeStation storage requirements: Use the average artifact size times the number of versions that are imported per day, times the average number of days before cleanup. Approximately 1 MB per deployment of database storage is required. It varies based on local requirements.

Software requirements

AIX^(R)

- AIX 6.1 TL7 POWER^(R) System
- AIX 7.1 TL3 POWER System
- AIX 7.1 POWER System
- AIX 6.1 POWER System

HP

- HP-UX 11i v3 PA-RISC
- HP-UX 11i v3 IA64

IBM i: IBM i 7.1 POWER System

Linux

- CentOS 7 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6 x86-64
- Ubuntu 14.04 LTS POWER System - Little Endian
- Red Hat Enterprise Linux (RHEL) 5 Server IBM z Systems
- SUSE Linux Enterprise Server (SLES) 11 POWER System - Big Endian
- Red Hat Enterprise Linux (RHEL) Server 7 x86-64
- SUSE Linux Enterprise Server (SLES) 12 IBM z Systems
- Red Hat Enterprise Linux (RHEL) Server 6 IBM z Systems
- Red Hat Enterprise Linux (RHEL) Server 7 IBM z Systems
- Ubuntu 10.04 LTS x86-32
- Red Hat Enterprise Linux (RHEL) Server 6 x86-64
- SUSE Linux Enterprise Server (SLES) 11 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6 POWER System - Big Endian
- SUSE Linux Enterprise Server (SLES) 11 POWER System - Big Endian
- SUSE Linux Enterprise Server (SLES) 11 x86-64
- Debian 7.0 x86-32
- Red Hat Enterprise Linux (RHEL) 5 Server IBM z Systems
- Red Hat Enterprise Linux (RHEL) Server 7 x86-64
- Red Hat Enterprise Linux (RHEL) Server 7.1 POWER System - Little Endian
- Red Hat Enterprise Linux (RHEL) Server 7 x86-64
- Red Hat Enterprise Linux (RHEL) Server 7 IBM z Systems
- SUSE Linux Enterprise Server (SLES) 11 SP3 POWER System - Big Endian
- CentOS 6.0 x86-64
- SUSE Linux Enterprise Server (SLES) 11 x86-32

Mac OS

- OS X Mountain Lion 10.8 x86-64
- Mac OS X Snow Leopard 10.6 x86-32

Solaris

- Solaris 10 x86-32
- Solaris 10 SPARC
- Solaris 11 x86-64
- Solaris 11 SPARC
- Solaris 10 x86-64

Windows™

- Windows Server 2016 Datacenter Edition x86-64
- Windows Server 2012 Datacenter Edition x86-64
- Windows Server 2008 Datacenter Edition x86-64
- Windows Server 2012 R2 Datacenter Edition x86-64
- Windows Server 2008 R2 Service Pack 1 Enterprise Edition x86-64

- Windows Server 2008 Standard Edition x86-32
- Windows Server 2008 R2 Service Pack 1 Enterprise Edition x86-64
- Windows Server 2008 R2 Service Pack 1 Datacenter Edition x86-64
- Windows Server 2008 R2 Enterprise Edition x86-64
- Windows 10 Pro x86-64
- Windows Server 2012 R2 Standard Edition x86-64
- Windows Server 2008 Standard Edition x86-64
- Windows Server 2012 Foundation Edition x86-64
- Windows Server 2012 Essentials Edition x86-64

z/OS^(R)

- z/OS 2.1 IBM z Systems
- z/OS 2.2 IBM z Systems

Planning information

Packaging

UrbanCode Deploy V6.2.5

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Ordering information

For ordering information, consult your IBM representative or authorized IBM Business Partner, or go to the [Passport Advantage](#) website.

Charge metric

Program name	PID number	Charge unit description
IBM UrbanCode Deploy Server Agent	5725-M54	Per Managed Virtual Server
IBM UrbanCode Deploy Server Agent	5725-M54	Per Virtual Server
IBM UrbanCode Deploy Server Agent	5725-M54	Simultaneous Session

Virtual Server

Virtual Server is a unit of measure by which the program can be licensed. A server is a physical computer that is comprised of processing units, memory, and input/output capabilities and that executes requested procedures, commands, or applications for one or more users or client devices. Where racks, blade enclosures, or other similar equipment is being employed, each separable physical device (for example, a blade or a rack-mounted device) that has the required components is considered itself a separate server. A Virtual Server is either a virtual computer created by partitioning the resources available to a physical server or an unpartitioned physical server. Licensee must obtain Virtual Server entitlements for each Virtual Server made available to the program, regardless of the number of processor cores in the Virtual Server or the number of copies of the program on the Virtual Server.

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License Information number

L-PASH-AM3JB7

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Limited warranty applies

Yes

Limited warranty

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If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

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Volume orders (IVO)

No

Passport Advantage applies

No

Software Subscription and Support applies

Yes. Software Subscription and Support, also referred to as Software Maintenance, is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and Technical Support are provided by the Software Subscription and Support offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and Technical Support provides voice and electronic access to IBM support organizations, worldwide.

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Variable charges apply

No

Educational allowance available

Education allowance does not apply. Education software allowance does not apply.

Statement of good security practices

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Prices

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