



# CloudBees Jenkins Platform for AWS



## THE POWER OF THE AWS CLOUD PLATFORM WITH ENTERPRISE-LEVEL CONTINUOUS DELIVERY – ALL ORCHESTRATED BY JENKINS

Together, AWS™ and CloudBees® help application development and operations teams implement continuous integration (CI) and continuous delivery (CD).

The powerful integration of the AWS cloud platform with the CloudBees Jenkins Platform™ enables enterprise teams to easily run the CloudBees Jenkins Platform on AWS and to seamlessly interact directly with AWS services from within Jenkins.

## SCALE YOUR CLODBEES JENKINS PLATFORM ENVIRONMENTS WITH AWS EC2

Amazon EC2 makes it easy to run Jenkins instances to meet your computing needs. The integration of the CloudBees Jenkins Platform and AWS enables Jenkins users to scale continuous delivery deployments by shifting compute-intensive jobs and resources to Amazon's EC2 cloud, thus leveraging the elasticity offered by the cloud.

- » Share elastic build agents, hosted on AWS with all Jenkins masters managed by CloudBees Jenkins Operations Center™.
- » Easily install the CloudBees Jenkins Platform and run it on Amazon Web Services' EC2 cloud service.
- » Scale CD deployments by shifting Jenkins compute-intensive jobs and resources to Amazon's EC2 cloud.
- » Use AWS marketplace to provision Jenkins on EC2 instances.

## CONTINUOUS DELIVERY WITH THE CLODBEES JENKINS PLATFORM FOR AWS

CloudBees CD solutions help operations teams quickly deliver Jenkins services to developers and leverage AWS to deliver software faster. Developers can use the AWS command line interface (CLI) from within Jenkins to interact with AWS services, including Amazon EC2, S3, Route53 and Lambda. CloudBees Jenkins plugins for AWS include:

- » **CloudBees AWS CLI Plugin:** Deploy and script any AWS Service (including AWS Elastic Beanstalk, AWS Lambda, Amazon EC2 Container Service)

## THE CLODBEES JENKINS PLATFORM:

The CloudBees Jenkins Platform is the proven, fully featured, enterprise platform for implementing continuous integration (CI) and continuous delivery (CD) powered by Jenkins. The platform extends Jenkins with key CloudBees-developed enterprise features and capabilities that are required in mission-critical IT environments, such as:

- » Scalability
- » Optimized performance
- » High availability
- » Analytics
- » Simplified administration
- » Docker support
- » Role-based access control
- » Distributed team management

Along with enterprise-level features, the CloudBees Jenkins Platform includes professional technical support from a team of Jenkins experts led by Kohsuke Kawaguchi, Jenkins founder.

CloudBees® enables IT organizations to accelerate application delivery by automating and orchestrating the application lifecycle with proven CD technology. With the CloudBees Jenkins Platform, enterprise organizations around the world are able to deliver software at the speed of ideas.

- » **CloudBees AWS Lambda Plugin:** Automatically build, test and deploy your AWS Lambda functions with the CloudBees Jenkins Platform
  - » Leverage existing expertise with Jenkins to create continuous delivery pipelines for AWS Lambda functions, just as you do for web and mobile applications.
  - » Easily implement continuous delivery pipelines for AWS Lambda functions via the CloudBees AWS CLI plugin. This capability is directly available within the Jenkins Pipeline feature.
- » **CloudBees Elastic Beanstalk Deployer Plugin:** Add in your Amazon credentials to a build and deploy applications directly to AWS Elastic Beanstalk in one click.
  - » Take advantage of integrated Maven, SVN and Git repositories.
  - » Automatically deploy successful builds to AWS Elastic Beanstalk.
  - » Deploy from Jenkins to AWS Elastic Beanstalk.
- » **AWS CodePipeline Plugin:** Integrate the CloudBees Jenkins Platform with AWS CodePipeline for running your build and test jobs.
- » **AWS Elastic Container Service Plugin:** Use Amazon EC2 Containers to set up elastic build executors.
- » **Open Source Jenkins Plugins for AWS:** Additional plugins covering many AWS services, including Amazon S3, AWS Elastic Beanstalk, AWS CloudFormation and the AWS SDK, are available through the Jenkins community.

CloudBees provides professional support for both CloudBees enterprise-scale Jenkins deployments as well as all open source plugins.

## CLouDBEES JENKINS PLATFORM ON AWS MARKETPLACE

The CloudBees Jenkins Platform components are available on the AWS marketplace. Available as a Bring Your Own License model with a free trial, these offerings enable you to seamlessly provision your virtual machines of Jenkins masters and operations centers and interact directly with AWS services, including Amazon EC2, Amazon S3, AWS Route53 and AWS Lambda from within Jenkins.

Use the CloudBees Jenkins Platform on EC2 and take advantage of shared elasticity with Jenkins and EC2 or connect to other AWS services, leveraging the power of Jenkins for software delivery processes.

## GET STARTED TODAY

Simply provision your virtual machines with the AWS marketplace images and enter your license details, or start a free evaluation from the welcome screen of the created Jenkins instance.



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The CloudBees Jenkins Platform is built on top of open source Jenkins, an independent community project. Read more at: [www.cloudbees.com/jenkins/about](http://www.cloudbees.com/jenkins/about)

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