CloudBees and AWS

At a Glance

» **CloudBees CI for AWS Quick Start:** CloudBees CI is available as an AWS Quick Start, an automated gold standard deployment for AWS.

» **Amazon EC2 Spot:** The CloudBees CI Quick Start is integrated with EC2 Spot, which allows customers to save up to 90% on compute costs.

» **Amazon Elastic Container Service for Kubernetes (EKS):** Worry less about your infrastructure by running CloudBees CI on EKS , a fully managed Kubernetes platform. EKS is now supported on AWS GovCloud.

» **Amazon Identity and Access Management (IAM):** Store your Amazon IAM credentials within the Jenkins Credentials API with the CloudBees AWS Credentials plugin.

» **Amazon Elastic Compute Cloud (EC2):** Dynamically scale virtual machine resources, when needed, with the EC2 plugin for Jenkins®.

» **Amazon EC2 Container Service (ECS):** Deploy and scale your projects to containers in the cloud with the Jenkins ECS plugin.

» **AWS Command Line Interface (CLI):** Integrate the AWS CLI into Jenkins jobs with the CloudBees AWS CLI plugin.

CloudBees Overview

CloudBees Software Delivery Automation solutions, which include CloudBees CI, CloudBees CD and CloudBees Feature Management, enable organizations of all sizes and types to implement established best practices in continuous integration, continuous delivery, release orchestration, feature flagging and progressive delivery, across the full range of applications, tools and technology. It enables you to automate your software development and delivery lifecycle, leveraging investments in existing tools and technologies while enabling you to quickly integrate and adopt new, emerging tools and technologies.

CloudBees CI provides flexible, governed CI/CD you can trust and is built on the most widely used automation server in the world, Jenkins™. **CloudBees CD** takes the manual effort and risk out of releasing software by making the value stream delivery process reliable, repeatable and secure at any speed or scale - with the analytics to measure, audit and improve results. **CloudBees Feature Management** provides software teams with precise control over every software release and enables them to progressively deliver features to users with confidence, in real-time.
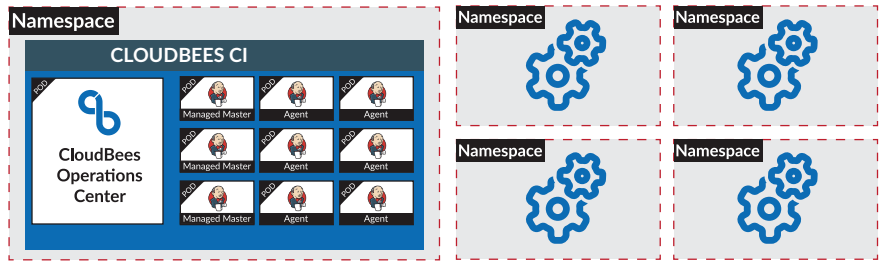
CloudBees CI with AWS Outposts

AWS Outposts is a fully managed service that offers the same AWS Infrastructure, AWS services, APIs and tools to virtually any datacenter, co-location space or on-premise facility for a truly consistent hybrid experience. AWS Outposts allows users to run CloudBees CI on EKS within their own datacenter to allow for flexibility and control. Maintain control whether you're running in your own datacenter with Outposts or in an AWS virtual private cloud.

CloudBees CI Quick Start for AWS

The CloudBees CI Quick Start for AWS allows users to quickly provision CloudBees CI while also utilizing the latest features from AWS, which provides a cost-efficient integration with EC2 Spot. Built on AWS and CloudBees best practices, the AWS Quick Start enables users to reduce hundreds of manual procedures into just a few steps. Deploy a production-ready CloudBees CI environment in as little as 45 minutes!

At a Glance (cont.)

» **Amazon Elastic Beanstalk:** Use the CloudBees Amazon Web Services Deploy Engine plugin to deploy applications to Elastic Beanstalk.

» **CloudBees Products on AWS Marketplace:** Purchase licenses of CloudBees products on AWS Marketplace. Use the AWS Quick Start to easily deploy CloudBees CI to help manage your Jenkins projects.

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AWS Outposts

CloudBees CI with AWS EC2 Spot

Amazon EC2 Spot is an economy created around spare compute capacity in Amazon's global data centers. Customers who use Spot instances can significantly reduce compute costs, which means there is substantial financial incentive to architect applications to utilize Spot instances. The Quick Start integrates Amazon's new multi-instance AutoScaling Groups feature, which maintains a diversified pool of Spot instances that administrators can easily scale up and down.

How is CloudBees CI Different from Jenkins?

While Jenkins is the leading automation platform for CI/CD, enterprises have unique needs. CloudBees CI is a CI/CD automation engine with the flexibility to support diverse software portfolios and the unified governance required by organizations. CloudBees CI extends Jenkins with functionality that embeds best practices, rapid onboarding, security and compliance. It provides a shared, centrally-managed CI/CD service and delivers a self-service experience for engineering teams.

What's Available on AWS Marketplace and AWS GovCloud Marketplace

Now customers can procure licenses of CloudBees products (CloudBees CI, CloudBees CD and CloudBees Feature Management) on AWS Marketplace. CloudBees CI is also available on AWS GovCloud Marketplace.

> **Get Started on AWS Marketplace**

> **Get Started on AWS GovCloud Marketplace**

Get Started Today

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Go to https://aws.amazon.com/marketplace/pp/B0897Z29QZ to learn more about our AWS GovCloud Marketplace listing.