

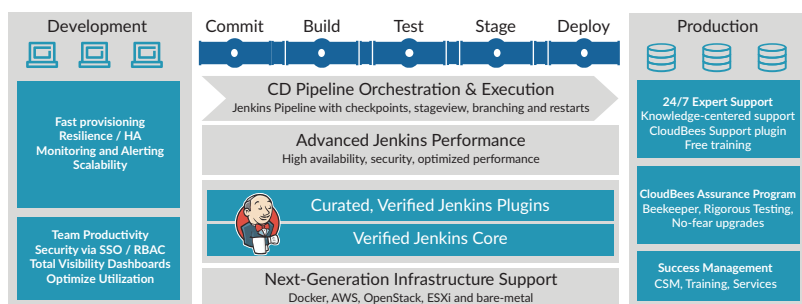


# CloudBees Jenkins Enterprise

Your Foundation for DevOps Success

CloudBees Jenkins Enterprise™ is a proven, fully-featured enterprise solution for implementing continuous integration (CI) and continuous delivery (CD) powered by Jenkins. It includes:

- » A CloudBees® curated, verified Jenkins core and plugins
- » Enterprise features providing scalability, manageability, security and resiliency
- » Plugin and core updates via the CloudBees Assurance Program (CAP) for reliable upgrades
- » 24/7 support from the Jenkins experts



CloudBees Jenkins Enterprise

## HOW IS THIS SOLUTION DIFFERENT FROM JENKINS?

While Jenkins is the leading automation platform for continuous delivery, enterprises have unique needs. CloudBees Jenkins Enterprise is a turnkey, elastic Jenkins as a Service solution for enterprises to run on virtual, cloud or bare metal infrastructure. The Enterprise edition is available on-demand to all project teams across an enterprise in a self-service fashion and offers key benefits including:

- » Onboarding of projects in minutes
- » Built-in elasticity for the Jenkins environment
- » Automatic failover and recovery for Jenkins
- » Advanced analytics, monitoring and alerting
- » Security for users and projects

## WHY DO YOU NEED CLOUDBEES JENKINS ENTERPRISE?

1. Your DevOps team requires higher levels of pipeline resiliency, security and availability than is available in Jenkins
2. You are a Jenkins administrator and want to provide Jenkins as a Service to your application project teams
3. You are a DevOps or shared services manager and want to optimize CD with management and analytics capabilities

## JENKINS DOMINATES THE CD AND DEVOPS SPACE:

- » Over 60% of Java professionals surveyed use Jenkins\*
- » Over 133,000 active installations of Jenkins as of December 31, 2016
- » Over 1,300 Jenkins community plugins for integrating with third-party technologies or adding new capabilities
- » Advanced continuous delivery and DevOps automation capabilities with Jenkins Pipeline

As with all critical infrastructure, you need technical support and enterprise features to ensure on-time delivery with minimal risk.

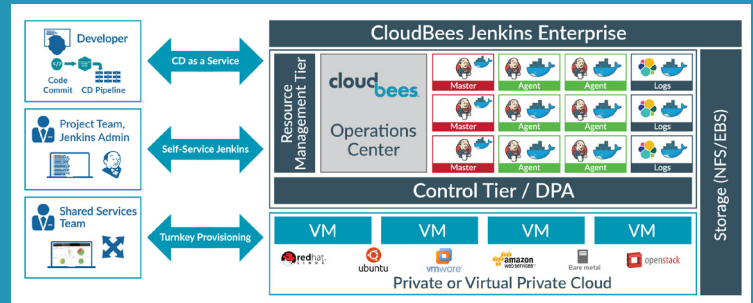
\* <https://zeroturnaround.com/rebellabs/java-tools-and-technologies-landscape-2016/>

*“With the CloudBees Jenkins Platform we are delivering more complex, larger projects more quickly.”*

Adam Rates, Head of strategy and architecture, Allianz Insurance

# Technical Overview

- » CloudBees Jenkins Enterprise can be deployed on-premise or to your cloud infrastructure.
- » Leverages Docker containers so you can provision Jenkins instances on-demand. Now you can deploy, manage and upgrade Jenkins servers in minutes.
- » Using cloud infrastructure with the control tier helps you optimize Jenkins. Share compute resources across your Jenkins workload with high availability.
- » Operations Center provides a secure dashboard with advanced features for monitoring and managing your Jenkins environment at scale. Quickly gain visibility into Jenkins usage, and enforce security from a centralized location.
- » Increase scalability and reduce risk of failure through project and data isolation via CloudBees Distributed Pipeline Architecture.



## FEATURES AND BENEFITS:

### Scalability

- » Scale to grow with teams of any size across the cloud on VMware, Red Hat OpenStack or Amazon Web Services.
- » Minimize hardware requirements with elastic masters and build agents.
- » Reduce infrastructure costs. Optimize usage with containers and cloud deployments.

### Manageability

- » Installs in minutes. Let CloudBees handle the provisioning of Jenkins masters and agents.
- » One-click master provisioning allows on-boarding of new teams in under one minute.
- » Host Jenkins anywhere. Enterprise edition deploys on your servers, on-premise or in the cloud.

### Resiliency

- » Ensure availability with self-healing Jenkins infrastructure.
- » Jobs automatically resume in case of server failures preventing developer downtime.
- » Protect your investment with master and build agent backup and recovery.

### Security

- » Use single sign-on and Role-based Access Control feature to ensure that only the right teams have access to the right projects.
- » Store infrastructure credentials in a vault tied to specific deployments.
- » Isolate team-sensitive build agents and artifacts.

### Analytics

- » Gain insight into build issues across masters using build analytics.
- » Optimize your Jenkins environment through performance analytics.
- » Reduce wait times by using health-check metrics to ensure your build environments are fast.

## Get More Information

[www.cloudbees.com/products](http://www.cloudbees.com/products)



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CloudBees Jenkins Solutions are 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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