



CloudBees Jenkins Platform – Private SaaS Edition

Jenkins-based Continuous Delivery as a Service for your Private Cloud

WHAT IS THE CLOUDBEES 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 and includes:

- » The core open source Jenkins technology
- » Advanced enterprise features developed by CloudBees®
- » Professional technical support for Jenkins and Jenkins plugins available 24x7

WHAT IS THE PRIVATE SAAS EDITION?

The CloudBees Jenkins Platform – Private SaaS Edition is a turnkey, elastic Jenkins as a Service solution for enterprises to run on their private cloud infrastructure. The Private SaaS Edition makes the CloudBees Jenkins Platform capabilities available on-demand to all project teams across an enterprise in a self-service fashion. This allows an enterprise to easily move all their application projects to continuous delivery powered by Jenkins. The Private SaaS Edition is available on either OpenStack or Amazon Web Services private clouds and is certified on Red Hat OpenStack Platform with an available reference architecture design guide.

WHY DO YOU NEED THE PRIVATE SAAS EDITION?

You may benefit from the CloudBees Jenkins Platform – Private SaaS Edition if:

1. You are a developer and you want to accelerate innovation with continuous delivery
2. You are a Jenkins administrator and you want to provide Jenkins as a Service to your application project teams
3. You are a shared services or DevOps manager and want to optimize operations of your organization’s continuous delivery environment on a private cloud with advanced analytics and management capabilities

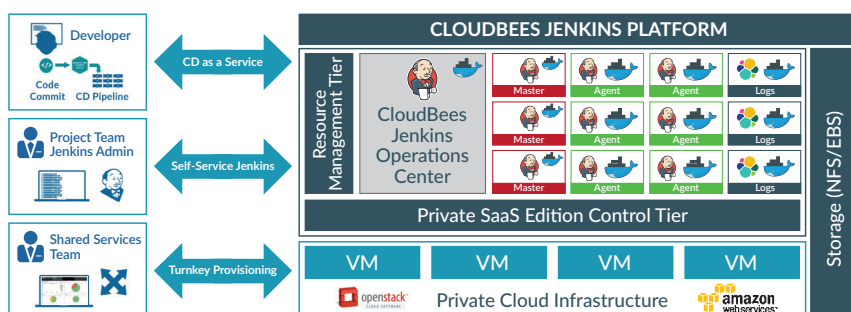
JENKINS DOMINATES THE CI AND CD SPACE:

- » Over 70% of Java professionals surveyed use Jenkins*
- » Over 136,000 active installations of Jenkins
- » Over 1,200 Jenkins community plugins for integrating with third-party technologies or for adding new capabilities
- » Advanced CD pipeline automation capability with Jenkins Pipeline

Your organization is very likely using Jenkins today. As with any critical piece of infrastructure software, you need professional technical support and enterprise features for Jenkins in order to achieve your goals with minimal risk.

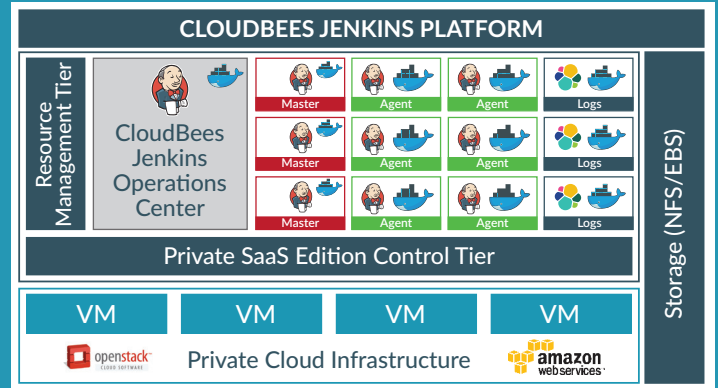
* ZeroTurnaround’s 2014 Java Tools Research Report: zeroturnaround.com/rebellabs/java-tools-andtechnologies-landscape-for-2014/

CloudBees is the hub of enterprise Jenkins and DevOps



Technical Overview

- » The CloudBees Jenkins Platform – Private SaaS Edition deploys to your private cloud infrastructure. OpenStack and Amazon Web Services are supported today with other platforms coming soon.
- » Private SaaS Edition leverages Docker containers internally to provision instances of the CloudBees Jenkins Platform software on-demand. Let Private SaaS Edition spin up new Jenkins servers in minutes. No knowledge or administration of the Docker containers is required.
- » Leveraging private cloud and Docker containers allows the Private SaaS Edition to optimize resource usage and share compute resources across your Jenkins workload.
- » The Private SaaS Edition control tier optimizes resource usage and provides resiliency and automatic failover for Jenkins servers.
- » The CloudBees Jenkins Operations Center™ provides a secure portal for self-service provisioning as well as advanced monitoring and analytics.



FEATURES AND BENEFITS:

Fast Provisioning of Jenkins Masters and Build Agents

- » The Private SaaS Edition installer will set up the environment of Jenkins masters and build agents. Simply identify private cloud virtual machines and the Private SaaS Edition will handle provisioning Jenkins environments on demand.
- » Fast provisioning of masters: Less than one minute to bring a new team on-board with a new master
- » Fast provisioning of build agents: Build agents are automatically provisioned and ready to be used as part of the Private SaaS Edition installation

Built-in Elasticity for the Jenkins Environment

- » Reduce infrastructure costs and optimize resource usage with containers and private cloud deployments. Minimize hardware requirements and eliminate server request wait times.
- » Elastic masters and build agents
- » Extend across cloud platforms

Automatic Failover and Recovery for Jenkins

- » Master failover and recovery
- » Build agent failover and recovery
- » Job continuity in case of master or build agent failures

Advanced Analytics and Monitoring

- » Build analytics: Insights into build-specific issues across masters
- » Performance analytics: Insights into performance issues across masters
- » Cluster health-check metrics

Get More Information

www.cloudbees.com/products/cloudbees-jenkins-platform/



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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

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