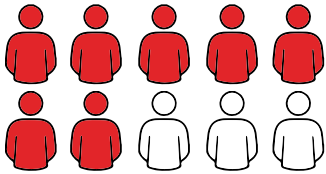# ACCELERATING SOFTWARE DELIVERY WITH CLOUDBEES AND RED HAT

SOLUTION BRIEF

JENKINS DOMINATES THE CI AND CD SPACE

Over 70% of Java™ professionals surveyed use Jenkins

OVER 128K

Active installations of Jenkins

OVER 1,000

Jenkins community plugins for integrating with third-party technologies or for adding new capabilities

DELIVERING HIGHER QUALITY SOFTWARE, FASTER, THROUGH AUTOMATION

Cloud computing and agile development practices are transforming the way enterprises build and deliver applications. Today almost every organization is a software development organization. To compete in today's global marketplace, you need to innovate more quickly and cost-effectively than ever.

Red Hat and CloudBees can help you deliver higher quality software—faster and less expensively—with OpenStack® and Jenkins. Red Hat® OpenStack Platform delivers a scalable and stable foundation for building an open private cloud. And CloudBees Jenkins Enterprise is the industry's most proven, fully featured technology platform for implementing continuous integration (CI) and continuous delivery (CD).

CLOUDBEES JENKINS ENTERPRISE

The CloudBees Jenkins Enterprise is a turnkey, elastic Jenkins-as-a-Service solution for OpenStack private cloud infrastructure. The solution makes the CloudBees Jenkins Enterprise capabilities available on demand to all project teams across your enterprise in a self-service fashion so you can easily move all your application projects to continuous delivery.

Ideal for Red Hat OpenStack Platform deployments, CloudBees Jenkins Enterprise includes:

- The core open source Jenkins technology.
- Advanced enterprise features developed by CloudBees.
- Professional technical support for Jenkins and Jenkins plugins.

Private Software-as-a-Service (SaaS) Edition enables CD-as-a-Service across your organization:

For central DevOps teams: Fast and easy deployment of CloudBees Jenkins Enterprise to your private cloud or virtual private cloud
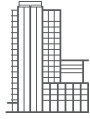
For Jenkins administrators: Self-service access to CloudBees Jenkins Enterprise for all project teams within the enterprise to allow them to create new project teams with Jenkins in just minutes

For developers: CD-as-a-Service to allow them to accelerate software delivery

RED HAT OPENSTACK PLATFORM

Red Hat OpenStack Platform combines the power of Red Hat Enterprise Linux® with OpenStack technology, providing a secure and scalable foundation for implementing a private cloud.

OpenStack depends on Linux to provide the operating environment for the OpenStack services, access to hardware resources, and third-party drivers for integration with existing or new systems. Additionally, OpenStack is dependent on its underlying Linux to provide system-wide performance, scalability, and data security, while often also providing an operating system for the guest applications running in these virtual environments.

If your organization is implementing a private cloud, then it matters not just which OpenStack distribution you choose, but also which Linux offering you choose. In recognizing the critical interdependencies between the two, Red Hat has pioneered the co-engineering of Linux and OpenStack. Red Hat OpenStack Platform delivers an integrated and optimized foundation designed to stand up to the rigors of a production-ready OpenStack cloud.
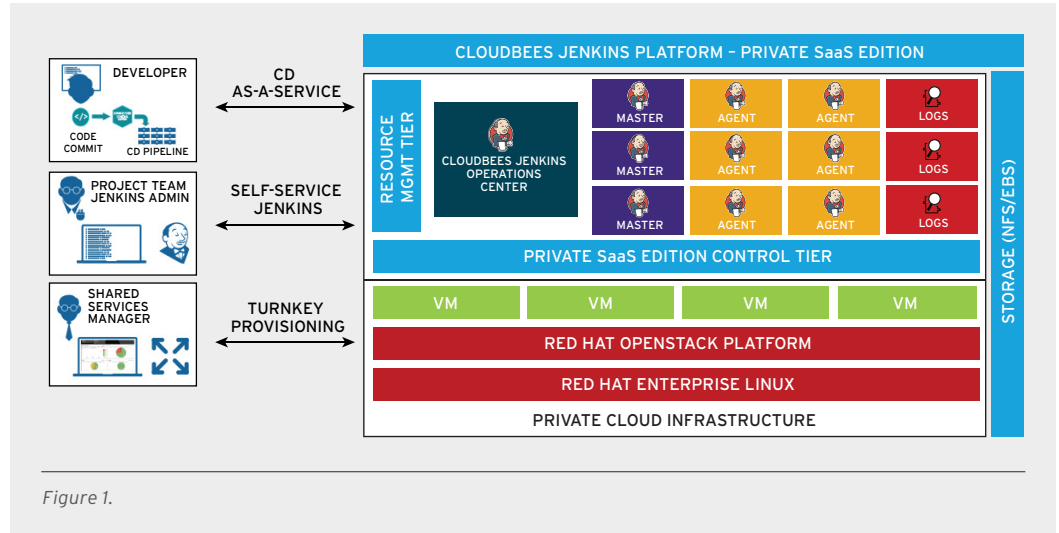

Figure 1.

ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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RED HAT AND CLOUDBEES: BETTER TOGETHER

CloudBees Jenkins Enterprise on Red Hat OpenStack Platform delivers the best of both worlds: a feature-rich CI/CD solution that accelerates application delivery and a stable and scalable private cloud that accelerates IT agility. The combined solution is especially well-suited for organizations developing and deploying applications on OpenStack. And you can deploy CloudBees Jenkins Enterprise on Red Hat OpenStack Platform with confidence. CloudBees Jenkins Enterprise on Red Hat OpenStack Platform has been rigorously tested by CloudBees and is fully certified by Red Hat.

CONCLUSION

To compete in today's fast-paced information economy you need to deliver higher quality software, more quickly and cost-effectively. Together, Red Hat OpenStack Platform and CloudBees Jenkins Enterprise can help you reduce development costs, minimize risks, and accelerate business agility. To learn more, contact your Red Hat or CloudBees sales representative today or visit:

- http://www.redhat.com/en/technologies/linux-platforms/openstack-platform

- https://www.cloudbees.com/products/cloudbees-jenkins-enterprise