cloudbees

Accelerate Application Delivery with Microsoft Azure and CloudBees Core

AT A GLANCE

» **Azure Kubernetes Service (AKS):** Natively run CloudBees Core on AKS to realize elastic scalability and high-availability for all CD workloads.

» **Azure VM Agents Plugin:** Connect to existing Azure virtual machines to optimize resource utilization.

» **GitHub:** Integrate all organizations and repositories with Jenkins for both GitHub and GitHub Enterprise.

» **Azure Resource Manager (ARM):** Deploy application resources as a group via Jenkins.

» **Azure Command Line Interface (CLI):** Use the Azure CLI in any Jenkins job to interact with Azure services.

» **Jenkins Support:** Turn to CloudBees for help and support for running Jenkins on Azure.

Azure

CONTINUOUS DELIVERY WITH CLOUDBEES CORE ON AZURE AKS

Automate your software delivery process using CloudBees Core™, the proven, fully-featured, enterprise platform for for implementing continuous delivery (CD) processes powered by Jenkins®.

Enterprise development teams can deploy CloudBees Core on Microsoft Azure. Use the elasticity of Microsoft Azure to easily provision CD infrastructures and interact with Azure services. The combination of CloudBees Core and Microsoft Azure creates the perfect environment for accelerating application delivery.

Deliver Better Software, Faster
Continuous delivery practices help you deliver better software faster by automating the software delivery lifecycle, allowing faster delivery of new applications and features. Use the Microsoft Azure command line interface (CLI) from within the continuous delivery pipelines to interact with and deploy to Microsoft Azure services such as Azure Web Apps and Azure Compute.
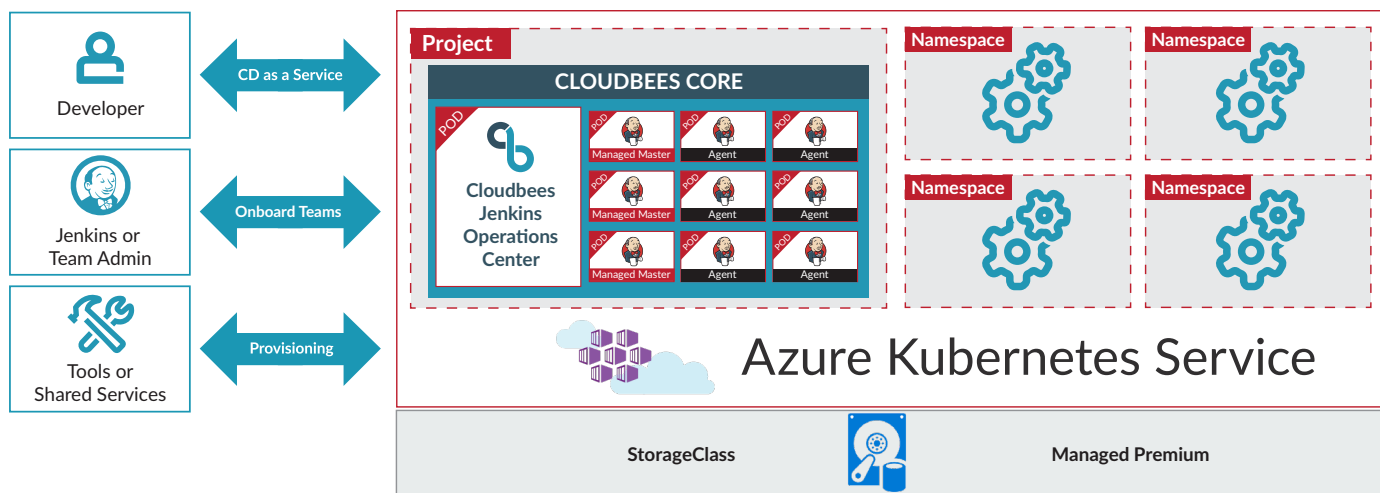
Manage and Run Jenkins at Enterprise Scale
Administrators can easily provision continuous delivery infrastructure on Azure in containers and elastically allocate resources on demand without paying for idle resources. CloudBees Core is installed and upgraded from the Azure CLI, just like any other application running on Azure AKS.

Enterprise-level Performance and Support
Enterprise-level functionality secures and optimizes Jenkins, eliminates downtime and helps manage Jenkins more effectively. Ensure enterprise implementations will be successful every time with full technical support from the team of Jenkins experts at CloudBees.

CLOUDBEES CORE ON AZURE MARKETPLACE

CloudBees Core is available from the Azure Marketplace. Deploy CloudBees Core on Azure AKS to take advantage of elastic scalability, high availability and dynamic team provisioning. This will provide you with a production-ready, enterprise CD platform within minutes that can scale to all of your application teams. Scale your continuous integration and continuous delivery implementations by shifting Jenkins' compute-intensive jobs and resources to Microsoft Azure AKS.

CloudBees Core runs natively on Microsoft Azure Kubernetes Service (AKS). The components of CloudBees Core, such as masters and agents, are provided as Docker images and deployed in pods, so that they can be dynamically scaled and are resilient to failures. Deep integrations with AKS allow the IT operations team to follow standard protocols to deploy and manage CloudBees Core like any other business-critical application. The IT operations team can provision a CloudBees Core cluster in seconds, and configure tight access controls to conform to their IT security standards. Application development teams can onboard new teams with the right permissions and utilize an enterprise CI/CD solution for all their software delivery needs.

Get Started Today

Go to www.cloudbees.com/partners/platform/microsoft-aks to learn more. Or, search for CloudBees Core in the Azure Marketplace to start running your continuous delivery project on Azure today.