

Microsoft Open Source Roadshow

3.0 | Continuous Deployment



Did you know?

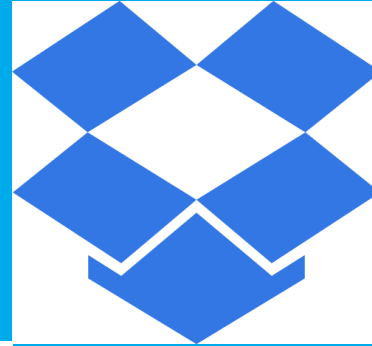
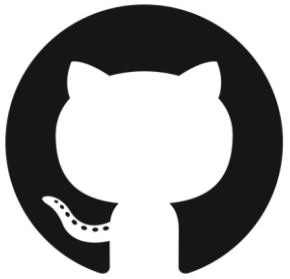


<https://aka.ms/jenkins-on-azure>
example: <https://plugins.jenkins.io/azure-acs>

Continuous Deployment overview

- IaaS:
 - If you have a binary you can run it on a VM or in a Container
 - Marketplace is the place to go for pre-baked images
 - Jenkins has many Azure-focused plugins (from Microsoft)
- SaaS:
 - Popular hosted services like Atlassian Bamboo and Travis CI provide task hooks that support deployment to Azure
 - Citizen developers supported too 😊
- PaaS:
 - App Service provides a range of in-built VCS sources and a deployment engine called Kudu for Git and Hg.

App Service CD options



App Service ❤️ CD

- Multiple sources with flexible configuration
- Performance Testing on deployment
- Deployment slots
- Testing in production
- Troubleshooting in the browser.
- App Service Plugin for Jenkins providing Git, FTP and Docker support for Linux App Services.

Kudu is the CD engine

- Demonstration of Kudu 😊.

Demo – Web App from Dropbox

<https://youtu.be/p9v1q20FVGE>

3.0 | LAB

<https://github.com/sjwaight/OpenSourceRoadLabs/>