

## If only Jenkins could scale

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Jenkins is the most widely used continuous integration server today with a 70% market share (as reported in 2015 by ZeroTurnAround). Despite this success, Jenkins remains a difficult product to administer : First, Jenkins requires the installation of numerous plugins that sport conflicting dependencies and rely on evolving configuration parameters, making them hazardous to upgrade. Second, Jenkins does not provide any support to configure or migrate agent nodes collectively.

There are however numerous tools that can help with this task, ranging from the Jenkins Groovy command-line interface, to official Docker images and the new Jenkins Pipeline feature set.

We will present how such tools can be leveraged to deliver flexible and robust Jenkins infrastructures, letting deploy your applications to the cloud with confidence.

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