



Orchestrate Real Apps on the Cloud with Cloudify

Automate your DevOps processes with Cloudify's open source cloud orchestration platform.

Cloudify provides a smooth transition to the cloud and easy automation of even the most complex applications throughout their entire lifecycle. Cloudify orchestrates the creation of the whole cloud infrastructure required for your application, starting from compute resources all the way down to networks and block storage devices. It will then deploy your applications to the cloud (OpenStack or other), monitor their progress and scale them when needed.

With Cloudify, you won't be locked in to any one cloud provider or one type of cloud; deploy the same application in your own data center or on the cloud of your choice using your favorite automation and configuration management tools. Monitor, manage and scale your application with Cloudify, whatever the topology or technology stack.



Deployment

Model and deploy your applications using Cloudify blueprints. Define your app tiers and their dependencies for even the most complex apps.Sit back and let Cloudify orchestrate the deployment for you.



Elastic Scaling

Cloudify provides automatic or manual scaling, based on custom or built-in monitoring metrics, allowing you to decide when it's time to spin up a few more instances or take down existing ones.



Management

Cloudify provides powerful alerting mechanisms, and on-going monitoring of system and app-level KPIs. With smart visualization through the web dashboard, managing your app in the cloud has never been easier.



Multi-Cloud Interoperability

With no lock-in, you can maintain full interoperability with existing infrastructure and change clouds at any stage. Future-proof your apps to run on the cloud at a later stage and move when you are ready without additional investment.

From Blueprint to Production

Automate your move to the cloud with Cloudify's simple blueprints. Blueprints treat your infrastructure as code, mapping out the details needed to run an application: what middleware services it needs to run and their dependencies, how to install them, where to find the application and service binaries, when to spin more instances or terminate existing ones, and even how to monitor the entire app lifecycle.





Automate the Application Lifecycle

Managing your applications on the cloud involves a lot of moving parts, and putting all the pieces together is often times error prone. Cloudify automates the entire application lifecycle, from deployment, to monitoring, scaling, failover, continuous delivery and infrastructure upgrades. Automating these processes significantly minimizes both the complexity and the margin of error when managing your app on the cloud.



Native to OpenStack

With native OpenStack integration, Cloudify is designed to make your transition to OpenStack even more seamless, with full support for major OpenStack APIs and TOSCA-based topology blueprints.



Continuous Delivery Made Simple

Cloudify automates your DevOps and continuous delivery processes, taking you into deployment smoothly and consistently throughout the delivery cycle, from development, to UAT to production.



About GigaSpaces

GigaSpaces Technologies provides software middleware for deployment, management and scaling of mission-critical applications on cloud environments through two main product lines, XAP In-Memory Computing and Cloudify. Hundreds of Tier-1 organizations worldwide are leveraging GigaSpaces' technology to enhance IT efficiency and performance, from top financial firms, e-commerce companies, online gaming providers, healthcare organizations and telecom carriers.

GigaSpaces was founded in 2000 and has offices in the US, Europe and Asia. For more information, please visit www.gigaspaces.com or our blog at blog.gigaspaces.com.

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