



Pure-Play Orchestration with Cloudify

Keep up with the speed of innovation with TOSCA-based Cloudify orchestration.

Cloudify is an open source, standards-based cloud orchestration software platform that automates complex enterprise applications throughout their entire lifecycle. With Cloudify, you won't be locked in to any one cloud provider or one type of environment; 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.

Cloudify is based on TOSCA - the Topology and Orchestration Specification for Cloud Applications from the OASIS Foundation. In using TOSCA as the standard templating language, Cloudify provides a single orchestration platform across cloud platforms, regardless of the cloud environment, virtualization approach and automation toolsets.



Intelligent Orchestration

Cloudify eliminates the boundaries between orchestration and monitoring, providing a mechanism to automatically react to monitored events with the appropriate corrective measures.



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.



Integration with Any Tool Chain

Continue using the tools you know and love. Cloudify brings together a variety of tools that are used throughout the different stages of the application lifecycle, from configuration management to infrastructure orchestration, logging & monitoring and real-time analytics.



Support for VMware, CloudStack, SoftLayer and Other Clouds

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.



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.

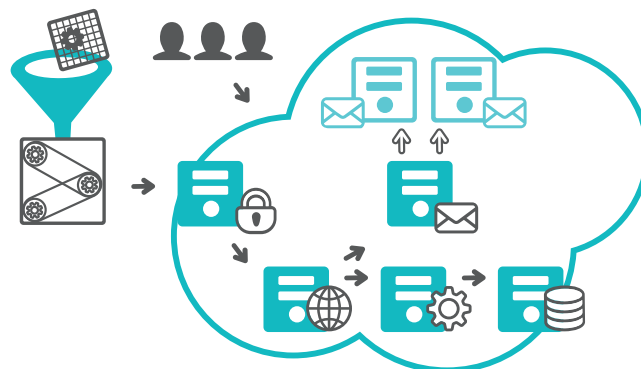


Remediation

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.

From Blueprint to Production

Automate your move to the cloud with Cloudify's simple YAML 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 up more instances or terminate existing ones, and how to monitor the entire app lifecycle.



Increase Your Agility and Time to Market

Enterprise service providers and Telcos with legacy software and hardware turn to Cloudify for their cloud orchestration. With the demand for agility and faster time to market becoming mission critical, the importance of a standard like TOSCA is rapidly increasing. Cloudify based on TOSCA has the combination of declarative descriptions of the application topology with all its components - including the load balancer, network, the compute resources, software and everything else, along with an imperative set of workflows to describe the logic of any process to be automated. The result? Enterprises and Telcos achieve the flexibility and agility to keep up with the speed of innovation.



About GigaSpaces

GigaSpaces Technologies provides software for cloud application orchestration and scaling of mission-critical applications on cloud environments. 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 has offices in the US, Europe and Asia. More at getcloudify.org and gigaSpaces.com

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