

RACKSPACE DEVOPS AUTOMATION SERVICE

Managed Support for Infrastructure Automation

Rackspace DevOps Automation Service is a managed support service for DevOps tools that helps organizations automate the process of deploying and scaling applications running on a Linux-based operating system.

Although this service can be used by anyone, it is best suited for customers who want to:

- Rely on Rackspace DevOps Engineers to automate their application stack to improve cycle time and developer productivity.
- Quickly scale up infrastructure or have the ability to scale quickly in the future.

Use Cases for the Service:

- **Enforce Consistency with Configuration Management** – Our best practices go beyond just bash scripts and images. We use configuration management tools like Chef to create identical development, staging, and production environments based on predetermined configurations.
- **Tracking and Auditing** – We help adhere to strict source control practices for your environment, so that any change can always be audited, tracked, and reversed if needed. The code that automates your environments is tested continuously and comprehensively.
- **Performance Optimization** – Our team configures monitoring to measure your application's performance. Since we also manage your environments, our DevOps Engineers respond to performance monitoring alerts 24x7x365 as they occur.

This service saves time for developers and operations teams, while simplifying the process of application testing and deployment. It includes support for following tools:

	DevOps Tools	Rackspace Responsibility	Customer Benefits
Infrastructure Automation	Chef	Automate your existing infrastructure using Chef. Write, test, and maintain cookbooks. Automate dev, staging and production environments.	Keep dev and production environments in sync, enabling faster deployment and quicker time to market of new features. Scale horizontally without manual setup.
Monitoring	StatsD, Graphite, New Relic, Rackspace Cloud Monitoring	Monitor performance metrics and provide a Graphite dashboard of counters, timers, and gauges.	Understand how your performance improves or worsens in response to code changes and other events. Track critical business metrics such as credit card processing times and signups.
Log Aggregation	logstash	Aggregate logs from all of your devices and present them to you through the Kibana web front-end.	Spot anomalies and patterns in product usage by simplifying analytics of millions of lines of logs. Understand the user experience and drill down to explain performance trends.
Source Control	GitHub	Provide cookbooks, workflows, and all code that powers your infrastructure. Code is made available in private repos.	Have full visibility into the code that powers your infrastructure. Collaborate with Rackspace on changes to your environment. Every change is tracked and documented.

Supported Software - Installation, Configuration and Optimization via Cookbooks

PHP, Python, Ruby, Java, Node.js	Ruby on Rails, Django, Flask, Meteor	MySQL, PostgreSQL, MongoDB, Riak
Solr, Elasticsearch	Gluster	Apache, Nginx, Tomcat
Memcached, Varnish, Redis	Cloud Monitoring, StatsD/Graphite, Logstash	RabbitMQ, ActiveMQ
Jenkins		

For more information or to chat with a specialist: **1-800-961-2888** or www.rackspace.com/devops

BENEFITS

- **Accelerate Time to Market:** Test and deploy new features in hours rather than days.
- **Improve Deployment Quality:** Provision servers consistently and avoid mistakes due to manual installation and configuration.
- **Improve Operational Efficiency:** Dev environments are synced with production. No more firefighting at every code release.
- **Maintain Business Focus:** Automate procedures so you can focus on core business functions and application content.

WHY USE DEVOPS AUTOMATION SERVICE AT RACKSPACE?

- **Operations Expertise:** Rackspace is a large-scale operations company, with vast experience in scaling some of the busiest and most complex web applications in the world.
- **DevOps & Infrastructure Management:** Unlike other vendors that provide training and professional services for only one part of the tool chain, Rackspace can help you write cookbooks, collect performance metrics, and optimize your infrastructure across your entire configuration.
- **Leverage the Same DevOps & Infrastructure Tools that Power the Rackspace Cloud:** Deployment automation enabled Rackspace to launch 18 new cloud products in 18 months and push code into production over 2,500 times last year.
- **Leverage Benefits of Hybrid Infrastructure:** Use the same methods to deploy onto Dedicated, Public Cloud, or Private Cloud infrastructure.

ALL BACKED BY
FANATICAL SUPPORT.

Toll Free: **1.800.961.2888** | International: **1.210.312.4700** | www.rackspace.com

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