



Container Enablement

Accelerate, automate and streamline application development with a container-based solution.

Many organizations struggle to configure, deploy and manage applications quickly and cost effectively. Rackspace Container Enablement solves for these challenges using a container-based infrastructure and a continuous integration/continuous delivery (CI/CD) pipeline for process automation. Following this model, most organizations will see cost savings in addition to greater application portability and consistency, easier management and faster time to market.

Experts Dedicated to Your Success

Rackspace SMEs have extensive experience architecting and designing containerization platform solutions. Rackspace takes an agnostic approach, using the container orchestration platform that will provide you with the most value. These platforms include Kubernetes, DockerSwarm and Rancher, and cloud-native tooling such as ECS, EKS, AKS and GKE. From the outset of your containerization initiative, Rackspace works closely with you to understand your application architecture, then designs and builds a complete container solution that integrates networking, volumes, compute resources and more.

Key Features and Benefits

Through a series of workshops, Rackspace will provide a comprehensive picture of your application architecture and devise a well-architected container design solution. At the end of these workshops, you'll know the principle elements of successful container management.

The Rackspace Container Enablement solution, combined with tooling and support, will:

- Enable automated pipelines and micro services
- Simplify deployments
- Help improve your operational performance

Deploy workloads and applications faster: Your fully deployed containerization solution helps to increase speed, quality and efficiency of application delivery. All Rackspace container-based solutions include:

- Tool chain instances for managing the Docker CI/CD infrastructure (Jenkins, Rundeck, etc.)
- CI processes to build and deploy application images to Docker Registry (DockerHub, ECR, ACR, private registry)
- Provisioning and configuring of a Docker orchestration platform. This includes Kubernetes, DockerSwarm, ECS, EKS, AKS, GKE and Rancher.
- Docker container deployment on specified orchestration platforms
- Documentation providing overview of the implementation and architecture

About Rackspace

Rackspace is your trusted partner across cloud, applications, security, data and infrastructure.

- A leader in the 2019 Gartner Magic Quadrant for Public Cloud Infrastructure Professional and Managed Services, Worldwide
- 3,000+ cloud experts
- Hosting provider for more than half of the Fortune 100
- 20+ years of hosting experience
- Customers in 150+ countries

"Deployment of an individual customer used to take us three to four days and now it takes us three to four hours."

Neil O'Connell :: Senior Vice President of Technology Product and Innovation, TotalTrax

Fanatical Experience™

Experts on your side, doing what it takes to get the job done right. From first consultation to daily operations, Rackspace combines the power of always-on service with best-in-class tools and automation to deliver technology when and how you need it.

Key Deliverables

Rackspace can tailor your container services journey with the following options:

Assessment report: Following its analysis, Rackspace will provide an assessment, high-level design and roadmap recommendation for your container strategy.

Container application architecture and pipeline design: Using your specific automation requirements and business objectives, Rackspace will provide a solution design document that includes tool chain configuration, CI/CD design, container orchestration platform design, a specific tool chain configuration with jobs, credentials, end points, etc., a utility script configuration used for application automation, and a tested deployment of the container platform.

Optional managed services: For organizations wanting ongoing management and optimization of their containers and related technologies, Rackspace can also provide managed services for containers on all leading public and private clouds.

Take the Next Step

Let's talk about how Rackspace Container Enablement service can help you build, deploy and manage applications more efficiently.

- Learn more: www.rackspace.com/professional-services/application-modernization
- Call: **1-800-961-2888**