

# Rackspace to AWS Migration Services

## ClearScale has deep expertise with Rackspace to AWS Migrations

For the many Rackspace customers who have a business need to migrate to Amazon Web Services (AWS), making the switch can seem overwhelming for a number of reasons: limited experience with AWS, the inherent risk of a production migration, or the need for ongoing support. Indeed, migrating a cloud infrastructure is not a simple task, but the effort to migrate to AWS is worth it because of the superior cloud services, rapid innovation, and competitive pricing that AWS offers.

ClearScale can support you throughout the migration process by first gaining an understanding of your business needs and current deployment on Rackspace. We then map your requirements to corresponding services on AWS, architect new solutions on AWS that are not possible on Rackspace, deploy those solutions, test the solution in a mock cutover scenario, and then carefully move data from Rackspace to AWS.

With our ClearScale Managed Services offering, we can also manage the cloud infrastructure on your behalf. We offer monitoring, remediation, and complete management services, depending on your needs. Through ClearScale and AWS, you get more in-depth support and pay less than Rackspace alone.

### Rackspace to AWS Case Studies

#### Luxury Consumer Goods Manufacturer



A luxury consumer goods manufacturer wanted to get ready for the holidays – their peak sales time – and needed to scale its ecommerce website to 10x current traffic. The company was using Rackspace Dedicated Servers. In order to meet the potential demand spikes, it would need to lease more servers from Rackspace. But the increased expense of adding dedicated servers was not an option. The on-demand pricing from Rackspace Cloud was attractive, but the team was not confident that Rackspace Cloud would meet their needs. The company chose to move its e-commerce infrastructure to AWS to autoscale and handle the holiday traffic cost-effectively.

ClearScale helped the customer simplify its architecture. The complex Redis cluster was replaced by ElastiCache, and MySQL servers were replaced by RDS to simplify management and cut costs. The single-point-of-failure NFS server was replaced with ultra durable Amazon S3 and linked up to CloudFront CDN for ultra fast delivery. A secondary AWS Region was deployed for disaster recovery, and the whole deployment was simplified and made cost effective by automating with CloudFormation and Chef. ClearScale designed and completed the migration well in advance of the holiday season – plus the company was able to save 30% on hosting costs.

#### Celebrity Media and News Website



A media and news website had highly variable traffic that could spike dramatically with the release of new stories. It was using Rackspace RackConnect, Cloud, and Dedicated Servers. The company was having stability issues with Rackspace. Autoscaling was not performing, and the customer was overpaying for unused dedicated servers and cloud.

The company decided to migrate its entire website infrastructure to AWS. ClearScale helped the customer stabilize and simplify its architecture. The physical MySQL servers were replaced with high performance RDS instances using Provisioned IOPS, which cut costs while still meeting performance requirements.

RackConnect and the physical firewall were no longer needed because Amazon VPC handled all networking requirements. Physical load balancers were replaced with Elastic Load Balancing at a fraction of the cost, and hosting costs were cut by 50%. ClearScale designed and executed the migration, and autoscaling now works as expected. Uptime has improved, and the customer can scale to accommodate huge spikes when popular new content is released.

## Rackspace to AWS Case Studies

### SaaS Application for HR Professionals



A company was using Rackspace Cloud to host its SaaS payroll application. They were experiencing fast growth and needed to scale. The company was also experiencing higher than normal downtime on Rackspace. ClearScale helped provide a more highly available and scalable architecture for the company. The customer did not have load balancing and autoscaling in place. This was addressed by using Elastic Load Balancing, CloudFormation, and Chef for automation.

Furthermore, the customer had been running the application on the same server as the database, so ClearScale split it up into separate tiers and replaced MySQL with RDS. Amazon VPC and IAM were used to address the customer compliance requirements. The company's previous manual application deployment process was improved by using Jenkins, Chef, and Git to establish a deployment and continuous integration system. With the customer's autoscaling and automation requirements addressed by AWS, the customer was able to reduce costs by 35%.

## About ClearScale

Founded in 2011, ClearScale has successfully completed cloud projects for more than 850 clients across all industries. Our core competency is delivering custom cloud solutions and services for clients that have limited cloud experience on staff or need additional resources.

As an AWS Premier Consulting Partner with ten AWS Competencies, we can leverage the best cloud technologies available to provide you a solution that is unique to your project requirements. Whether this is your first project in the cloud or one of many, ClearScale has the extensive expertise to handle your most complex requirements.

To learn more about migrating your applications and infrastructure from Rackspace to AWS, contact ClearScale.



**Premier**  
**Consulting  
Partner**

Migration Competency

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