RESIDENT

SOLUTIONS

- Quali CloudShell Colony
- Amazon Web Services Public Cloud

RESULTS

- Provide environments to global teams in under 5 minutes
- Consume native AWS services
- Increase development speed with dynamic environments

How Resident Scales DevOps with AWS and Torque

About

Founded in 2017, Resident is a house of direct-to-consumer brands in the home goods space. The company owns and operates multiple brands catering to different consumer furnishing needs, including Nectar and DreamCloud.

Challenges

As an online retailer, Resident utilizes dozens of software applications for the back-end systems of their luxury hybrid mattress business, DreamCloud. Generating over 250 million annual sales in under two years, DreamCloud needed a way to innovate faster while continuously providing an exceptional experience for their customers through a modern online eCommerce platform. Unfortunately, globally distributed teams of developers were sharing static integration and staging environments, and DevOps teams backlogged by ongoing environment maintenance and troubleshooting created friction and delayed innovation.

"Our back-end systems and applications are complex. They need to be. But, for us to expand at the level of growth that we were experiencing, we needed flexibility and alignment throughout our DevOps lifecycle. We weren't going to get there with our globally distributed development teams sharing static staging environments. We could either tell our DevOps teams to share the keys to the cloud—which wasn't going to happen—or we could find a solution," said Pavel Eliav, Head of DevOps, Resident.

Solutions

Resident needed to quickly develop, test, and release business-critical applications in the public cloud using a DevOps approach to attain fast feedback on new features and accelerate innovation. To meet these needs, Resident leveraged Amazon Web Services (AWS) for public cloud infrastructure and native services such as route53 and turned to the Environment as a Service solution, torque, to deliver self-service application provisioning to their developers.

Results

With Torque and AWS, Resident has been able to add flexibility, collaboration, and self-service capabilities throughout their DevOps pipeline. In addition to benefiting from the adaptability of Amazon's public cloud, Resident has built an integration into a Slack communication channel to help their globally distributed development team reserve dynamic application environments on-demand.

LEVERAGING TORQUE AND AWS, CAN NOW:

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Increase development speed with dynamic environments

" The flexibility of CloudShell Colony and AWS has not only allowed us to innovate our solutions faster, but it also allowed us to build on top of the Colony software. Now, our developers can use a Slack integration that we built to reserve the dynamic application environments they need for testing — all without the need for our DevOps teams to disclose sensitive passwords. This has resulted in reduced time to market, more productivity, and better visibility into our cloud usage.

- Pavel Eliav, Head of DevOps, Resident

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