

# Zilliant Cuts 50%+ in Annual Cloud Costs with Ephemeral Non-Prod Environments



## Overview

Software company Zilliant used Quali Torque to convert their non-production workloads to ephemeral environments, eliminating more than 50% of annual cloud costs by automating shutdown during off-hours.

**350+**

Environments

Mission-critical environment

**5K**

Hours

of unnecessary cloud runtimes

**50%+**

Cost Reduction

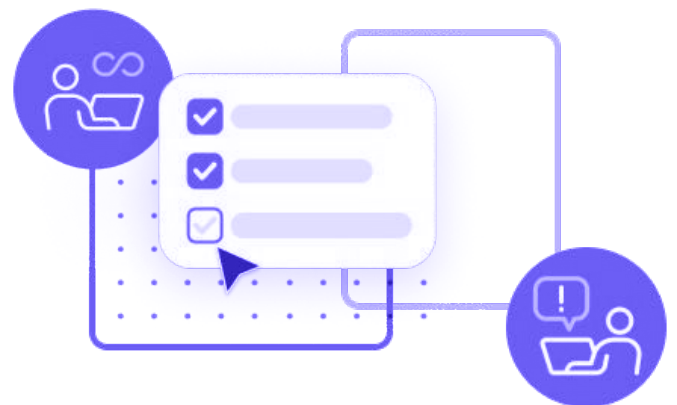
Reduction in annual cloud costs

## The Challenge

Software developers at Zilliant rely on AWS to run more than 350 non-production workloads to perform development tasks in support of their customers' production environments.

To maximize profitability and return-on-investment on their AWS infrastructure, Zilliant needed to ensure that all runtimes were necessary and a way to prevent idle resources from inflating the cloud bill.

However, without the visibility and automation into how these environments were operated, the company struggled to calculate and act on this cost-saving opportunity.



# The Solution



Lifecycle  
Automation



Environment as Code  
Blueprints



Visibility &  
Optimization



## Environment as Code Blueprints

Torque discovered the services deployed to run development environment via Zilliant's AWS accounts and automatically generated reusable Environment as Code blueprints that could be tracked and managed continuously.



## Visibility into Environment Runtimes

Torque executes the code to provision environments and tracks the infrastructure lifecycle, which uncovered that all non-production environments were running 24/7 even though developers only used them during standard working hours.



## Automated Deployment & Shutdown to Align with Work Hours

Using Torque workflows to automatically provision and terminate cloud resources, Zilliant eliminated idle infrastructure for non-production workloads on nights, weekends, and holidays—which amounted to more than 50% of their monthly cloud bill.

# Results

**50%+** ↘

in Cloud Cost Savings

**15x** ↗

ROI in Torque for  
Automation

**Profit** ↗

Increased Profit  
Margins

Using Torque to manage non-production workloads provided visibility to understand the actual runtimes for AWS infrastructure and the automation to align those runtimes with actual workload needs. This resulted in a substantial cloud cost reduction that improved ROI in AWS cloud infrastructure and increased profit margins without disrupting productivity for the software team that relies on it.

## Best Practice

- **Not all cloud infrastructure needs to run 24/7.**
- **Establishing a control layer** over your cloud infrastructure can make it easy to prevent spending more on the cloud than you need to.