

# Optimize Cloud Cost on AWS With New Relic

Get a holistic view of cloud spending and right-sizing opportunities

To maximize the many benefits of moving to the cloud, you need to make sure you're getting the most out of your cloud spend while optimizing performance—before, during, and after you migrate. However, like most organizations, you may be struggling with how to navigate billing and usage to manage your cloud costs. In fact, reports show that as much as 30% of cloud spend is wasted.

New Relic One, with its deep integrations across Amazon Web Services (AWS), gives you a holistic view of your environment so you can accurately budget for cloud spending, proactively identify right-sizing opportunities, and eliminate billing surprises. No matter where you are in your cloud journey, New Relic One gives you actionable insight that helps you achieve the best balance of price and performance, directing cloud spend to those areas that have the greatest impact on the customer experience and your business outcomes.

## Determine the proper instance type needed before you migrate

A critical part of optimizing your AWS cost is making sure that you're using the right types and sizes of instances for your applications. New Relic One helps you properly plan for a right-sized cloud environment before moving your first application to the cloud. With insight into resource usage and application dependen-

cies before you migrate, you can determine the best instance type and optimal size.

- Gain complete visibility into your applications and infrastructure before, during, and after migration
- Gather comprehensive baseline data on performance, resource consumption, and other critical metrics to help you select the right type of cloud resource
- Accurately forecast capacity to right-size your AWS instances

5 HOSTS \$50.17 CURRENT ESTIMATED SPEND \$47.81 PROJECTED CLOUD SPEND										
NAME	CPU CORES	MEM GB	MAX CPU %	MAX MEM %	COST	MATCHED INSTANCE TYPE	MATCHED INSTANCE COST	OPTIMIZED INSTANCE TYPE	OPTIMIZED INSTANCE COST	SKIP
ip-172-31-12-31-ap-southeast-2-compute-internal	2	4.13	0.46	9.26	\$42.05	t2.medium	\$42.05	t2.medium	\$42.05	<input type="checkbox"/>
dev	2	2.15	0.00	0.00	\$2.95	t3.small	\$19.01	state	\$0.00	<input type="checkbox"/>
random linux machine	1	0.40	0.00	0.00	\$0.74	t1.micro	\$14.40	state	\$0.00	<input type="checkbox"/>
ubuntu-multi	1	1.07	0.00	25.00	\$1.48	t2.micro	\$10.51	t1.micro	\$14.40	<input type="checkbox"/>
ubuntu-newrelic	2	2.15	4.00	62.99	\$2.95	t3.small	\$19.01	No suggestion		<input type="checkbox"/>

## Continually optimize your environment as usage patterns change

Once you've moved to AWS, you can use the New Relic One Cloud Optimize application to proactively identify opportunities to optimize cloud spend without jeopardizing application performance. Cloud Optimize compares the size of your Amazon Elastic Compute Cloud (EC2) instances with their current utilization, identifies resources that are sizing larger than needed, and esti-

