# CloudHealth
by **vmware**®

# *Drive Efficiency By Rightsizing Your Cloud Resources*

## THE CHALLENGE

Public clouds deliver agility and simplicity. However, customers who don't have a pulse on the true cost of their cloud environment risk derailing their development efforts.

Over-provisioning or underutilization of cloud resources can lead to overspending very quickly. It's important that you analyze your cloud resources utilization and performance, determine if they are running efficiently, and modify the infrastructure (upgrade, downgrade, or terminate) as needed to rightsize your environment. It's equally vital that you select the right metrics for this exercise (for example: CPU, memory, network, disk, IOPS, throughput, and more). Organizations using manual analytics models or who are using tens of thousands of resources find it difficult and overwhelming to rightsize their environment—a challenge that worsens as they increase their use of cloud services or adopt a multicloud strategy.

### CHALLENGES:

- *EC2 and EBS spend growing rapidly when left unchecked*

- *Limited visibility into actual resource utilization*

- *Manual process of tracking cannot scale*

## INCREASE PRODUCTIVITY WITHOUT OVERSPENDING

The two key benefits of rightsizing are infrastructure optimization and reduced costs. Throughout your analysis, you'll come across assets that can be downsized or terminated to save money, or upgraded to improve performance. CloudHealth's Rightsizing Report makes it easy to quickly identify underutilized infrastructure and get recommendations for downgrading or terminating assets. In a large cloud environment, it's time-consuming to track down which resources are running, in which families, and who owns them. It might take days or even weeks to analyze your inventory and utilization to come up with a rightsizing solution. By then, your usage has changed and you need to start over again.

The latest CloudHealth rightsizing recommendation engine solves these problems for Amazon Web Services and Microsoft Azure. You receive recommendations to downgrade your underutilized instances both within a family and across families. This includes downgrades from C, M, R, T, I, H, D, X, or Z instance families to another if the workload and resource requirements for the application are satisfied. You can also decide if you want recommendations to include downgrading to burstable performance instances.

These recommendations help your organization scale without overspending or losing control. It also allows you to answer the difficult questions about where you can save money and which groups in your organization are wasting resources. CloudHealth customers typically see thousands of dollars of savings just within the first few days of using the report.

## WANT TO LEARN MORE?

We can help you understand your usage and spend details with our next generation features. To schedule a demo, visit us online at **www.cloudhealthtech.com**.

*"Previously, we didn't really have an understanding as to whether the machine sizes we were using were the best fit for the type of processing we were doing in Amazon, and some of the Rightsizing tools that CloudHealth provided allowed us to get a better handle on which machine size was best for us from both a cost and performance standpoint."*

*- ANDREW SNAPS*
VP of Development, The Neat Company

### BENEFITS:

**1** | Optimize your environment with ease

**2** | Save time and effort

**3** | Get complete visibility for informed decisions