The Challenge

Cloud adoption continues to grow unabated and enterprises are increasingly relying on multiple cloud service providers. Migrating existing applications to the cloud can reduce costs and bring much-needed flexibility, however, application owners and Infrastructure and Operations teams face big decisions when planning which workloads they want to migrate and which cloud to choose.

The biggest barrier to successful cloud migrations is determining which workloads are suitable for migration and understanding the costs of migrating them to the cloud. IT operations teams lack the data to help make informed decisions about where to migrate cloud workloads. They also spend staff time on manual efforts to collect and aggregate data from multiple clouds so they can make the smartest decisions about where to migrate workloads and how to rightsize cloud resources. A recent study from IDG found that the number one area where IT professionals needed help selling cloud to internal stakeholders was around TCO, which also happens to be the top investment driver for migrating to the cloud.¹

How CloudHealth Can Help

Migration assessment from CloudHealth by VMware helps enterprises with the process of migrating assets from their data centers to public cloud service providers, including AWS, Azure, and Google Cloud Platform. Migration assessment enables institutions to efficiently assess and model workloads for migration, and then manage and optimize their infrastructure for cost, usage, performance, and security once they are running in the cloud. This helps institutions move faster in their cloud migration process.

“Moving business-critical applications to the cloud was an important move for us, given our focus on delivering system solutions in a timelier manner, while cutting costs. Making sense of the millions of rows of data tied to our cloud assets presented a complex challenge. The CloudHealth platform enables us to benefit from a holistic view, allowing us to easily manage our cloud environment.”

BILL DUNCAN
Director of EMS Technology Services, Amtrak

¹“Factors that determine cloud migration” statistics from IDG Enterprise Cloud Computing Survey
What is Migration Assessment?

CloudHealth continuously monitors the performance and configuration of physical and virtual servers running in one or more data centers. The platform then analyzes this data and provides recommendations for moving a workload or a subset of infrastructure running the workload. For AWS, recommendations are made on EC2 types, reservations, region, and associated projected costs. For Azure, recommendations are made on virtual machine types, region, and associated projected costs. For Google Cloud Platform, recommendations are made for virtual machine instances and optimizing committed use discounts. This allows organizations to compare the TCO of running workloads on-premises with the public cloud and make intelligent migration decisions.

Migration Assessment: how it works

1. Agentlessly connect CloudHealth to your vCenter environment or deploy lightweight agents on assets to be migrated with ease

2. CloudHealth analyzes the performance and configuration of your assets

3. CloudHealth outputs recommendations for migrating to public clouds (AWS, Azure, Google Cloud Platform) based on actual costs, incorporating different Availability Zones and regions and optimizing reserved instances

Want to Learn More?
Visit us online at www.cloudhealthtech.com or email cloudhealth@vmware.com to schedule your demo of the CloudHealth Platform.