



**CloudChomp**

## Case Study

### Challenge



PCG is a mature technology and services business looking for ways to accelerate their revenue, while meeting or reducing bottom-line expenses. They maintain large heterogeneous datacenters spread globally because of which it is difficult to get high level view of the complete infrastructure. Additionally, they need to be able to bill the individual departments/stakeholders as per their datacenter usage.

### Solution

With the help of CC Analyzer, PCG was able to create the infrastructure in a way to get the maximum benefit of the AWS managed services such as RDS, EC2 instances and implement the backup and recovery policy in the best way possible ensuring the security, manageability, and stability. Additional server provisioning for both RDS/EC2 instances will be automated using AWS CloudFormation. In addition, since the project was intended to focus more on data analytics, the use of AWS managed services like QuickSight are being considered. Furthermore, the input data will be uploaded, managed and accessed using Amazon S3 bucket as the data store. This enables to specify granular privileges to the resources and allows for automated object life cycle management. On the development side, for version control and continuous integration, managed services like CodeCommit and CodeDeploy have been used.

### Results

The client was able to get detailed analytics on their datacenter resources and make accurate cost predictions. Based on this information, PCG could optimize their datacenter resources and meet their IT Infrastructure budget. Also, CC Analyzer allowed them to bill the individual departments/project owners per their datacenter usage. Finally, by working with CloudChomp, an APN Technology Partner, they were able to gain visibility into Windows OS and SQL machines to have a better understanding of their options for re-hosting, re-platforming and rearchitecting for migration opportunities.