![rapyder Solutions, Simplified.]

Visualization Company Optimizes Time and Cost using AWS Spot Fleet

Introduction

The Client is a visualization company based out of Bangalore. They create best-in-class visualization products and services for various industries. Their footprint in the home decor visualization industry is rapidly growing with the help of their talented team and experienced mentors.

Using their expertise in digital art and cutting-edge application development skills, they provide highly customizable and platform-agnostic state-of-the-art applications.

Business Need

The Client is running their 3D image processing application on Azure, where an image comes as input, and the application processes that image. Each file takes 10-24 hours to process. They had to manually start and monitor the processing job throughout, thus consuming time and cost. The customer was looking for a solution on AWS to reduce the overall image processing time and cost.

Solution Approach

The Cloud Consultants of Rapyder conducted an extensive research on the customer's application and designed the right cloud platform and configuration that could support the seamless functioning of the application. The consultants proposed an automated solution to the customer where servers are launched in parallel based on the files to be processed, thus reducing the overall processing time. Rapyder leveraged Spot Fleet management of AWS to reduce the cost of processing each file. Also, the customer can now track the status of each file through an API provided to them.

Reaping Rewards

» The solution proposed by Rapyder helped the Client to focus on its core business as their 3D image processing is taken care of by the solution, thus reducing time and cost for the customer.