

AWS Disaster Recovery Helps NBFC Client Reduce Recovery Time & Costs



Introduction

Our client is an NBFC registered with RBI that started commercial operations in 2013. Traditional underwriting methods in India exclude more than 50% of creditworthy SMEs. With a mission to bring a social impact in this segment, they cater mostly to this under-served market by adopting an innovative approach to validate the creditworthiness of the business and identify and serve these credit-worthy merchants. They have launched commercial operations in multiple cities across India with plans for more growth.

Business Needs

The customer was running multiple business critical application on AWS. The applications were not horizontally scalable and running in a single Availability Zone. To mitigate the risk of single-point-failure, the customer reached out to Rapyder for solutioning and then later, executing a Disaster Recovery strategy ensuring Business Continuity with Recovery Time Objective (RTO) / Recovery Point Objective (RPO) of close to 30 mins.

Solution Approach

Rapyder did a complete study of the Disaster Recovery requirements of the customer. We evaluated different strategies of Active-Passive and Active-Active Disaster Recovery (DR) models. A TCO analysis was done by running an Active-Active setup and it was found to be more expensive than the customer had budgeted. Rapyder then used a solution, provided by one of AWS ISV partners, to use block-level replication to replicate the data and server from the production AWS account to a separate DR AWS account.

All configurations were made in such a way that the servers could be brought up within 15 mins, which exceeded the customer's expectations. We continue to support our clients in conducting mock drills on a periodic basis.



Reaping Rewards

- The customer was delighted with the Business Continuity Plan (BCP) solution and implementation of the project by Rapyder. The Disaster Recovery drills were conducted and the **Recovery Time Objective was found to be less than 15 mins.**