



CASE STORY



A Packaging Solutions Corporation Turns to Commvault Cloud Rewind to Automate the Recovery of All Critical Environment Resources

BACKGROUND

This global packaging solutions company is a reputable company specializing in high-quality packaging solutions for various industries. With their expertise in design, manufacturing, and distribution, they have built a strong reputation for innovation and customer satisfaction. Known for their commitment to tailored packaging options, the company has formed partnerships with clients ranging from small businesses to large corporations. Their success in the industry is a result of their professionalism, reliable service, and ability to deliver cost-effective and sustainable packaging solutions. In the competitive packaging market, their packaging continues to thrive by understanding its client's unique needs and providing exceptional packaging that helps businesses excel.

Key Use Cases

This global packaging solutions company achieved using Commvault Cloud Rewind

- Shared VPC Recovery
- Automated Everyday Test Recovery
- RTO of Critical Application 4 mins

Industry

Packaging Solutions

Headquarters

North Carolina

CHALLENGE

This packaging solutions company had all their workloads running in Google Cloud. They leverage Google Cloud's shared VPC (Virtual Private Cloud) capability by centralizing network infrastructure and allowing multiple projects or departments to securely share network resources within a single VPC. This allows their applications in different projects to communicate easily with less operational work.

They needed a recovery solution that completely discovered their shared VPC environment and all their projects. They did not want to recover their workloads to a new VPC during a failover and have their recovered applications not able to communicate. Instead, they wanted all the recovered resources to be brought up under the same shared VPC but in a new subnet (which is a DR subnet) to mimic their entire production environment.

Another major challenge was to automate the recovery of all critical environment resources so they could simulate the failover process every day. Also they wanted to reduce cloud costs by removing the recovered resources after everyday tests.

SOLUTION

Commvault Cloud Rewind can discover and understand the shared VPC infrastructure, all the cloud resources used by the application and map all their dependencies, spread across multiple GCP projects. Cloud Rewind protects all their resources and configuration in a cloud configuration vault based on policies per this organizations RPO requirements. Using the same RPO policies, all their application data are protected in the same region or across to another region. All their application data will be protected using a separate data vault. Backup and replication of data for all the applications resources is incremental forever in an application native format without any conversion to allow for faster RTO.

During a failover, Cloud Rewind solved the company's main requirement of "recreating all the resources under the same shared VPC under a new DR subnet but accessible to other applications. This Cloud Rewind capability allows failover of partial applications in the case of a brownout and continues to retain all the connections with other application components within the shared VPC. This not only helps them achieve a better RTO, but also takes care of partial as well as full failovers or rebuilds.

To enable their critical applications can be recovered in the recovery region anytime without any issues, they have configured Cloud Rewind's "Recovery Test Policy". Per the recovery test policy, all the applications and resources will recover from the source region to the recovery region based on the configurations set for the policy. Once the recovery is completed, the recovered resources will be de-provisioned based on the reset duration in the policy to ensure the company's cloud costs are under control.

The recovery failures, if any, will be sent as an email notification for the subscribed email addresses. And the recovery test reports are available from the Cloud Rewind portal anytime for compliance auditing.

This has tremendously increased their IT team's confidence in recoveries at any point-in-time in any region. They now can bring back their applications any time using Cloud Rewind within a few minutes after any type of outage either at the cloud provider level or at the company's application level.

ABOUT COMMVAULT CLOUD REWIND

Commvault Cloud Rewind's mission is to help customers significantly increase the reliability of applications running on the cloud platforms while simultaneously decreasing the cost of cloud operations. For more information, visit www.commvault.com/platform/cloud-rewind.

To learn more, visit commvault.com