

Wysetek improves data management infra of cargo airline



Commvault's enterprise backup and recovery platform empowered the company to streamline and automate their DR operations with adequate data protection.

A leading cargo airline of a large conglomerate operates its mainbase at two international airports in South India and East India. With its services spread over seven Indian cities, the company also provides services in over 220 countries and territories across the world through their parent company.

Enterprise data is available in different forms – unstructured and structured – and spread across datacenter, cloud and devices. The company too had to manage lot of data across its various functions and different countries of operation. They needed a data protection, backup and recovery solution that covers the entire range of data sources, file types, storage media and backup modes that ranged from the snapshots to the streaming.

The cargo airline wanted an integrated, automated data protection approach that gives a single, complete view of all the company's stored data whether on-site or in the cloud. They wanted a solution that can recover the data rapidly and easily, whenever needed, and leverage the reports to continually improve your backup and recovery processes. Backup and recover the virtual machines, structured and unstructured data with speed and scale and always remain agile by easily moving data between clouds to avoid lock-in was another key requirement.

The Implementation

The airline cargo company decided to implement the solutions from industry leader in enterprise backup and recovery CommVault. The Data Protection & Backup suite from CommVault and its features like Enterprise Search & eDiscovery, Virtualized Datacenter solutions, and Endpoint Security Protection were much needed for the airline cargo company.

The implementation by Wysetek team consisted of 50TB of data across Active Directory Servers, Application Servers, Oracle DB Servers, and SQL Servers. The entire infrastructure was on VMware along with few physical Servers. For the protections of Databases, the native agents within CommVault were used and the physical Servers are protected using BMR (Bare Metal Recovery).

Similarly the business critical Application Servers on VMware are protected every three hours. To achieve their quick recovery Live Sync, Instant Recovery option was utilized. To protect workstation in their environment DLO Self Service Portal was used through which data encryption, backup on demand like operations were managed.

The technologies incorporated within CommVault Backup like VMware Protection, Embedded source side dedup, Synthetic Full Backup, DLO options helped the company to achieve data protection in their environment.

The Benefits

Commvault software eliminates the separate data silos associated with traditional backup, archive and reporting products — in a vendor neutral solution that frees you from lock-in while reducing infrastructure requirements.

For company's production setup, VMware Protection along with BMR for Physical Servers helping in protecting their data whereas on user level DLO option helping users to protect their data. Live Sync along with Instant Recovery and BMR helping BlueDart to achieve their business RTO requirements.

Working with Commvault, the company got a cost-effective, reliable disaster recovery across on-site, cloud locations and virtual environments. With built-in automation, orchestration, replication, alerting and reporting, it could perform disaster recovery more efficiently during testing and under actual disaster recovery scenarios.

Commvault's single platform empowers the airline cargo company to streamline and automate disaster recovery operations—including failover, failback, testing, and post-recovery configuration. The IT team could orchestrate complex or uncommon disaster recovery scenarios to reduce human errors and manual interventions

The company also benefited in terms of optimizing costs by tailoring recovery objectives to multiple and distinct business and application requirements. And importantly the company has a higher degree of protection across workloads even as they scale their operations over time.

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Key Benefits from CommVault Solution

- Streamline and automate disaster recovery operations-including failover, failback, testing, and post-recovery configuration.
- Orchestrate complex or uncommon disaster recovery scenarios to reduce human errors and manual interventions.
- Optimize costs by tailoring recovery objectives to multiple and distinct business and application requirements.
- Gain a higher degree of protection across workloads—even as they grow over time.

