



AB CarVal Enhances Cost Efficiency and Backup Security with Druva and AWS

Executive Summary

AB CarVal, an alternative investment fund management company, sought a cost-effective data storage and backup solution to enhance security and reduce growing expenses. The company's legacy processes involved manual audits that left room for error and were an inefficient use of resources. AWS Partner Druva delivered a secure, scalable data backup solution on AWS that automated tasks, reduced costs, simplified compliance monitoring, and enhanced data recovery.

Seeking a Scalable Data Backup Solution

AB CarVal is an alternative investment fund management company that invests in corporate securities, structured credit, loan portfolios, and hard assets. It utilized [AWS Fargate](#) to build applications and [Amazon Relational Database Service](#) (Amazon RDS) to operate and scale its databases in the cloud. However, AB CarVal wanted to identify a more cost-effective approach for data storage and backups. Its legacy backup process involved frequent manual audits, which was an inefficient use of resources.

Druva Delivers Robust Backup Support

Solutions from [Druva](#) and [Amazon Web Services](#) (AWS) provided the robust backup support AB CarVal needed, and helped automate many of its manual tasks. [Druva's data protection platform for AWS](#) provided security and management for AB CarVal's [Amazon Elastic Compute Cloud](#) (Amazon EC2) data. The secure, scalable product fulfilled [backup](#), [recovery](#), and [retention](#) needs. AB CarVal [implemented immutable air gaps](#) to avoid data loss, and Druva provided a single dashboard to manage its complete AWS footprint. "Druva delivered scalability, simplicity, and time and cost savings. We don't have to worry about infrastructure management or maintenance with their solution—it makes life much easier," said Scott Holm, VP of Technical Operations at AB CarVal.



About AB CarVal

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AWS services used

- [Amazon EC2](#)
- [Amazon EBS](#)
- [AWS Fargate](#)
- [Amazon RDS](#)

Benefits

- Automated manual auditing tasks to free up resources and reduce errors
- Lowered total cost of ownership
- Simplified compliance with regulatory requirements
- Reduced IT overhead

Volume Tagging by Instance Cuts Down Manual Tasks

The Druva Data Resiliency Cloud helped automate day-to-day data management tasks and provided scalability to keep pace with AB CarVal's growing workload data—all within its own AWS account. The software-as-a-service (SaaS) platform backs up AB CarVal's Amazon EC2 instances in multi-region [Amazon Elastic Block Store](#) (Amazon EBS) stores. Storing data in multiple global AWS Regions provided durability and high availability, and Druva's volume tagging feature optimized storage performance and further reduced the need for manual tasks. Rather than having to tag individual Amazon EBS volumes, AB CarVal was able to tag an Amazon EC2 or Amazon RDS instance for backup, and Druva's capabilities handled all the necessary storage and backup functionality for the EBS volumes they contained.

Customizable Features Add Security and Reduce Costs

Druva's support for [hybrid workloads](#) added backup, recovery, and archiving for data on AB CarVal's virtual machines, and included deduplication and security with encryption. Druva's on-demand disaster recovery feature provided automated runbook execution to simplify managing multiple processes. The Druva solution allows AB CarVal to apply common policies and monitor its data at a global level, and offers customization for specific backup requirements and retention policies. These capabilities helped AB CarVal be more precise about backup needs to avoid sprawl and lowered its total cost of ownership (TCO) as a result.

Built-in Services Simplify Compliance and Recovery

As a financial firm, AB CarVal must adhere to Securities and Exchange Commission (SEC) rules and various other compliance requirements. Because Druva's SaaS solution features built-in automatic updates to meet new and changing compliance standards, it removed the need for manual maintenance, patching, and constant checks to ensure regulatory standards were being met. AB CarVal set up profiles and deployed Druva's robust set of automation features. This facilitated a more hands-off approach for AB CarVal that provided peace of mind and freed up resources. "Switching to Druva has made us much more comfortable with our backups," said Holm.

AB CarVal also leveraged Druva for [end-user data protection](#) including additional [compliance monitoring](#) and data governance, which further simplified meeting security and regulatory compliance requirements. This also provided AB CarVal users with the autonomy to perform automatic restores for local documents on their laptops and mobile workstations. With access to their own data and the ability to self-serve, IT teams reduced overhead, and locating and restoring data became more efficient.

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Embracing a Serverless Future to Optimize Operations

AB CarVal is working toward modernizing its IT environment to fully embrace a serverless infrastructure and the containerization of its applications. It plans to split up its multi-account architecture to add more granularity to its accounts and get better insight into opportunities for optimization and cost savings. On the Druva side, Holm noted, “We're continuing to leverage Druva’s comprehensive solution, and I don't see that changing. It’s a major cost benefit for AB CarVal, recognized up to our executive leadership team.”

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About AWS Partner Druva

Druva is a SaaS platform for data resiliency that ensures data protection across the most common data risks, backed by a \$10 million guarantee. The Druva Data Resiliency Cloud eliminates the need for costly hardware, software, and services through an agile cloud-native architecture that delivers security, availability, and scale. Druva’s innovative approach to backup and recovery has transformed how data is secured, protected, and utilized by thousands of enterprises.

