CASE STUDY

LeaseAccelerator Automates Data Controls with Elastio to Meet SOC2 Mandates

About The Customer

LeaseAccelerator provides enterprise lease lifecycle management software that ensures long-term compliance, improves operational efficiency, and frees up cash. Thousands of users rely on their secure Software-as-a-Service (SaaS) platform hosted in AWS to manage and automate 800,000 real estate and equipment leases valued at $200 billion across five million assets in 172 countries that generate eight billion journal entries annually.

The Challenge

Before coming to Elastio, LeaseAccelerator sought an alternative solution for protecting and scanning their data for ransomware and other malware across customer-facing applications and data. The company significantly reduced costs by migrating all of its Amazon EC2 instances to the AWS Graviton processor. However, this forced them to find a new solution for cyber protection.

Their existing backup strategy using AWS snapshots was time-consuming and expensive, and it was labor-intensive to reconstruct customer data for analysis. This meant it was hard to monitor the environment to ensure that all assets were adequately protected.

The Elastio Solution

In their search for a more comprehensive approach to backup and cyber protection, the team came to Elastio. Doing so addressed their endpoint protection requirement while also giving them an extra layer of protection in the AWS environment in the case of workload failure. This allowed them to meet and surpass their service-level obligations.

Elastio was also promising in performance, security, technical feasibility, and cost. After evaluating the responses to their request for proposal, LeaseAccelerator has a fully automated cyber recovery service that automatically monitors all their Amazon EC2 and Amazon EBS infrastructure, protects and scans it for cyber threats, and ensures clean recoveries. Furthermore, there was no performance impact at all on production with the move to Elastio since it's agentless.

The critical and irreplaceable nature of customer lease data means that application availability, data security, and compliance are major priorities for LeaseAccelerator and their customers. The platform is built on AWS using Amazon EC2, Amazon EBS, Amazon EFS, and Amazon RDS, and there must be no room for failure. Proactive protection on Amazon EC2 workloads and Amazon EBS storage against threats like ransomware and other forms of malware is absolutely essential.

1. Elastio auto-detects new and existing Amazon EC2 and Amazon EBS resources and creates a snapshot.

2. Elastio ingests the snapshots into its ScaleZTM storage engine and globally duplicates and compresses the data.
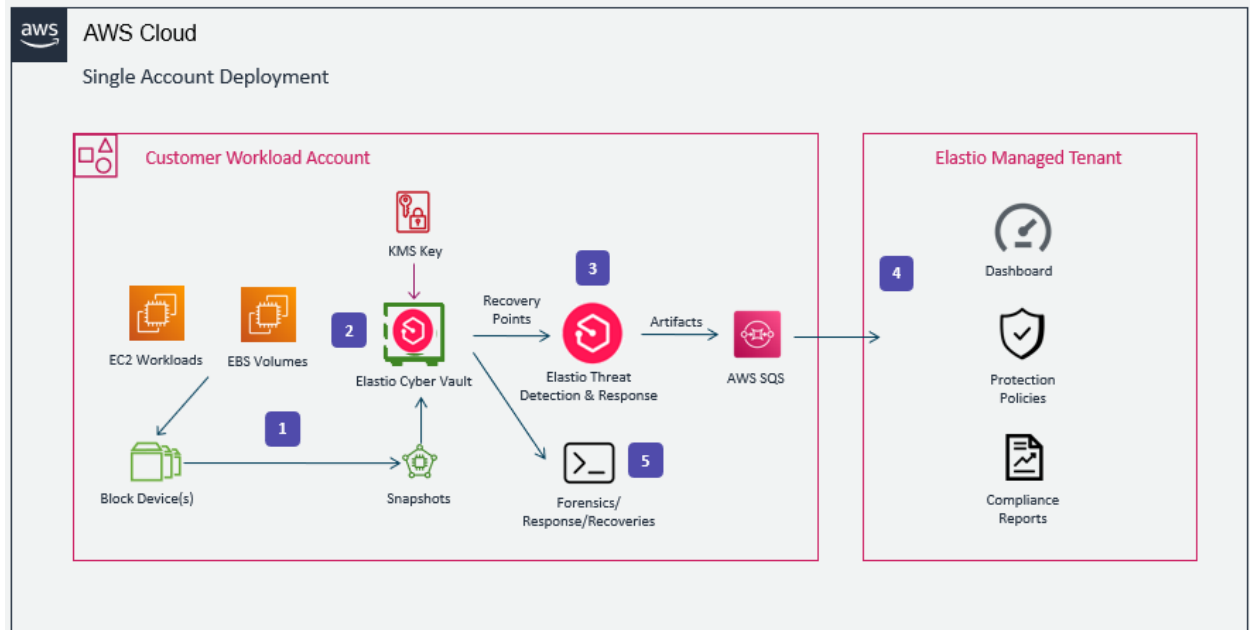
3. The Elastio recovery point is scanned in real-time for ransomware, malware, corruption, and other factors that affect restorability.
4. Compliance reports, protection policies, and data security metrics and events are presented in a SaaS console.
5. If a cyber threat is detected and needs to be remediated, Elastio can provide historical context and reconstitute material information for forensic interrogation from its cyber vault. In one click, customers can easily recover entire instances, selected volumes, or individual files to a secure and isolated environment. Elastio is also designed to integrate with existing incident response procedures. It supports sending logs, events, and alerts to leading SIEMs.

Before the team deploys an application, it is first scanned for threats. Once it is in production, Elastio continually monitors, protects, and inspects the applications and data for detonated or undetonated ransomware and other forms of malware. It continuously evaluates the health of file systems to guard against these threats proactively. Elastio's agentless component provides seamless protection for scale-out compute applications like PMC to ensure that every instance and volume is continuously protected, scanned for threats, and retained for cyber-resilient recoveries.

Outcomes and Benefits

LeaseAccelerator has manual audits to ensure they are meeting their SOC2 controls. There are also SOC2 controls for data security and availability that includes automated inventory detection

and backups, threat scanning, and recovery testing for all production machines.

Thanks to automating the cyber protection and backup process across their AWS infrastructure, the LeaseAccelerator team no longer has to worry about compliance reports. The cyber recovery and SOC2 compliance dashboard deliver real-time insights into cloud workloads and reports for compliance and security teams. As a result, LeaseAccelerator now enjoys complete visibility into its AWS backup and cyber recovery processes.

About Elastio

Elastio integrates with AWS Backup to continuously scan backups for threats, recovery testing them to ensure a successful restoration, and quickly identifying the last clean recovery point. Elastio is a Select Technology and Well Architected AWS Partner located in Reston, Virginia. AWS customers can contact sales@elastio.com to set up a demo or download the product from AWS Marketplace.