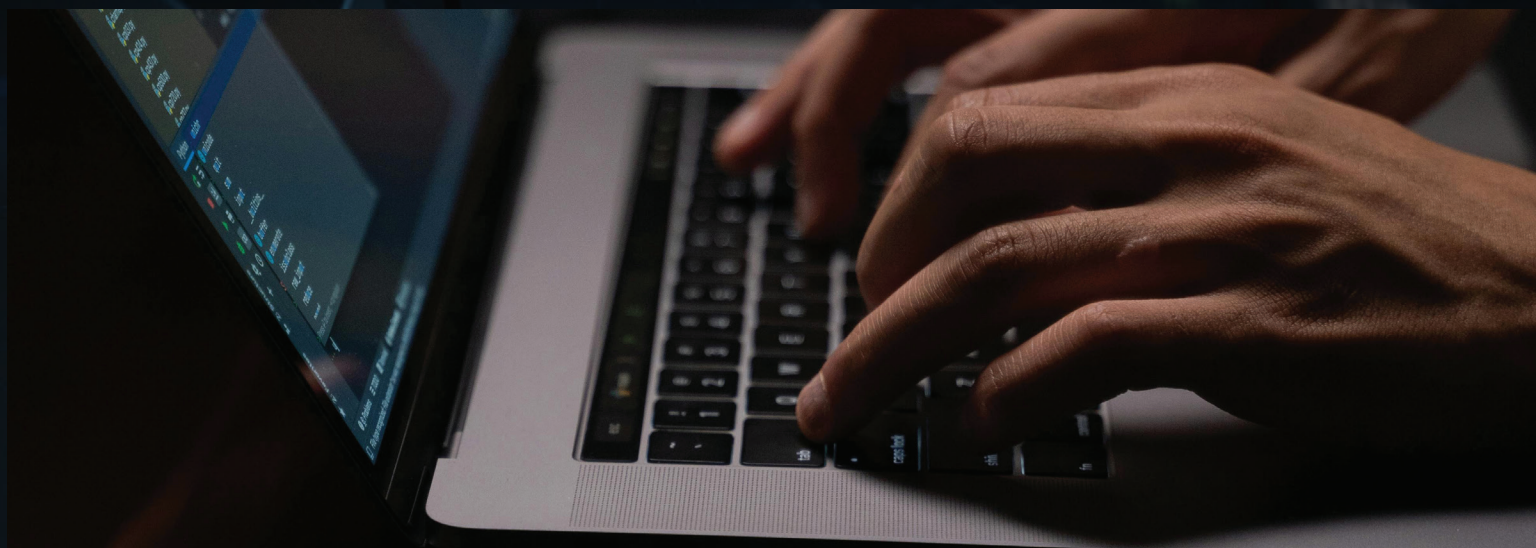# AWS DRS + Elastio:

Disaster Recovery Starts with Clean, Verified Data

Benefits

Early detection of ransomware that bypasses preventative EDR/XDR, network, application security solutions.

Early detection of malicious encryption by insider threats.

Assures safe recovery options by continually verifying that your last-known copy of data is uncompromised and ready for restoration.

Inspects storage and backups **across platforms.**

Compliance: The Elastio platform provides dynamic and graphical resilience reports that meet the needs of auditors and insurers.

Ransomware has evolved faster than traditional disaster recovery (DR) strategies can adapt. Analysts and industry leadership believe attackers now deploy stealthy, slow-moving encryption that often slips into backups undetected. Restoring from an unverified recovery point risks prolonged operational downtime, data loss, reinfection, reputational damage, and regulatory non-compliance.

The **Elastio Ransomware Recovery Assurance Platform (Elastio Platform)**, in combination with **AWS Elastic Disaster Recovery (AWS DRS)**, redefines recovery preparedness for the ransomware era. This integrated solution provides:

- **Expert ransomware scanning** of AWS DRS replicated snapshots and backups

- **Proactive validation** of clean recovery points—before an incident occurs

- **Zero-trust, out-of-band inspection** that adversaries can't evade or tamper with

- **Audit-ready reporting** aligned with compliance frameworks like DORA, NYDFS, MAS TRM, and cyber insurance requirements

- **Resilience tracking and reporting** to provide a ransomware risk profile and illuminate gaps in your zero-trust data integrity layer

Together, Elastio and AWS DRS enable a cyber-resilient failover strategy. This means your organization can bounce back faster, recover confidently, and stay protected against the evolving tactics of ransomware actors. Unfortunately, it's not a matter of if; it is only a matter of when these bad actors impact your business. Reduce your risk and exposure by ensuring your data integrity layer is secure with AWS DRS and Elastio.

Results:

Protects Major AWS Services and Integrations: Works with AWS services such as EC2, EBS, S3, ECS, EKS, EFS, AWS Backup, LAG Vaults, and more.

Protects Primary Backup Vendor Backups on VMWare: tight integration with all primary backup and security software solution providers ensures clean backups and snapshots are available for fast recovery.

Incident Response Premium Support Experience: Our Premium Support Experience checks all Elastio Platform ransomware findings and provides a detailed playbook for restoring a clean copy of data, helping you act fast to protect your environment.

Improved Recovery Capabilities: The framework ensures that data can be restored efficiently without paying ransoms, minimizing downtime and financial losses.

AWS DRS + Elastio Platform: A Cyber-Resilient Recovery Solution Built for Modern Threats

Combining AWS DRS with Elastio creates a powerful, cyber-resilient recovery architecture that addresses today's most pressing ransomware and compliance challenges. Together, they offer speed, integrity, and confidence in your ability to recover swiftly and securely.

AWS DRS: Scalable, High-Speed Disaster Recovery	**Elastio Platform:** Intelligent Ransomware Mitigation & Data Integrity Validation
Second-level RPOs: Continuous block-level replication ensures minimal data loss across cloud and on-premise workloads.	**99.999% Detection Accuracy:** BehavioralTemporal AI/ML engine identifies encryption-based ransomware attacks missed by traditional AV or anomaly detection tools.
Minute-level RTOs: Rapid failover enables near-instant recovery of critical systems.	**Dormant Threat Discovery:** Finds deeply embedded, pre-detonation ransomware binaries before they activate.
Hybrid Recovery Capabilities: Easily recover both cloud-native and on-premises applications.	**Insider Threat Detection:** Uncovers malicious encryption activity by insider threats.
Point-in-Time Recovery & Testing: Isolate specific recovery moments and conduct full failover testing without impact.	**Recovery Assurance:** Continuously inspects DRS snapshots and backups to validate clean recovery points ahead of time.
Cost-Efficient at Scale: Built for elastic infrastructure—pay for what you use, when you use it.	**Zero-Trust, Out-of-Band Scanning:** This scanner operates outside the compromised OS, ensuring threats can't tamper with scans or evade detection.
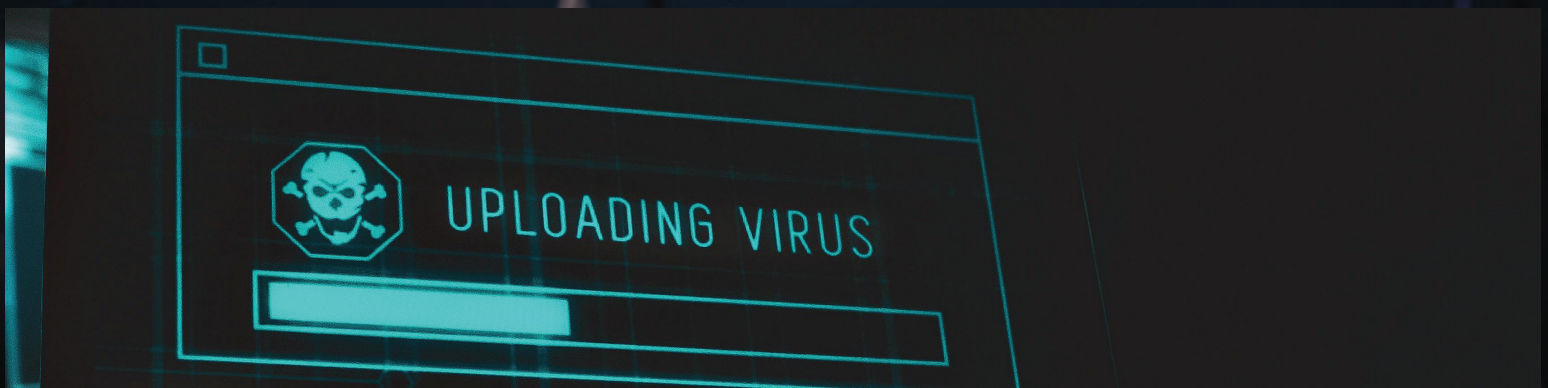
Key Customer Benefits

Fast, Clean Recovery — When Every Second Counts
Pair AWS DRS's rapid failover capabilities with Elastio Platform's clean recovery assurance to dramatically reduce recovery time while ensuring your data is ransomware-free. Elastio Platform pre-validates recovery points so you're not gambling on untested backups during a crisis. The result? Recovery that's not only fast, but trusted.

Cyber-Resilient Disaster Recovery
Traditional DR restores systems. Elastio Platform ensures that what you're restoring isn't already infected. By detecting stealthy, dormant, or slow-encrypting ransomware within backups and snapshots, Elastio Platform closes a critical blind spot in your recovery strategy.
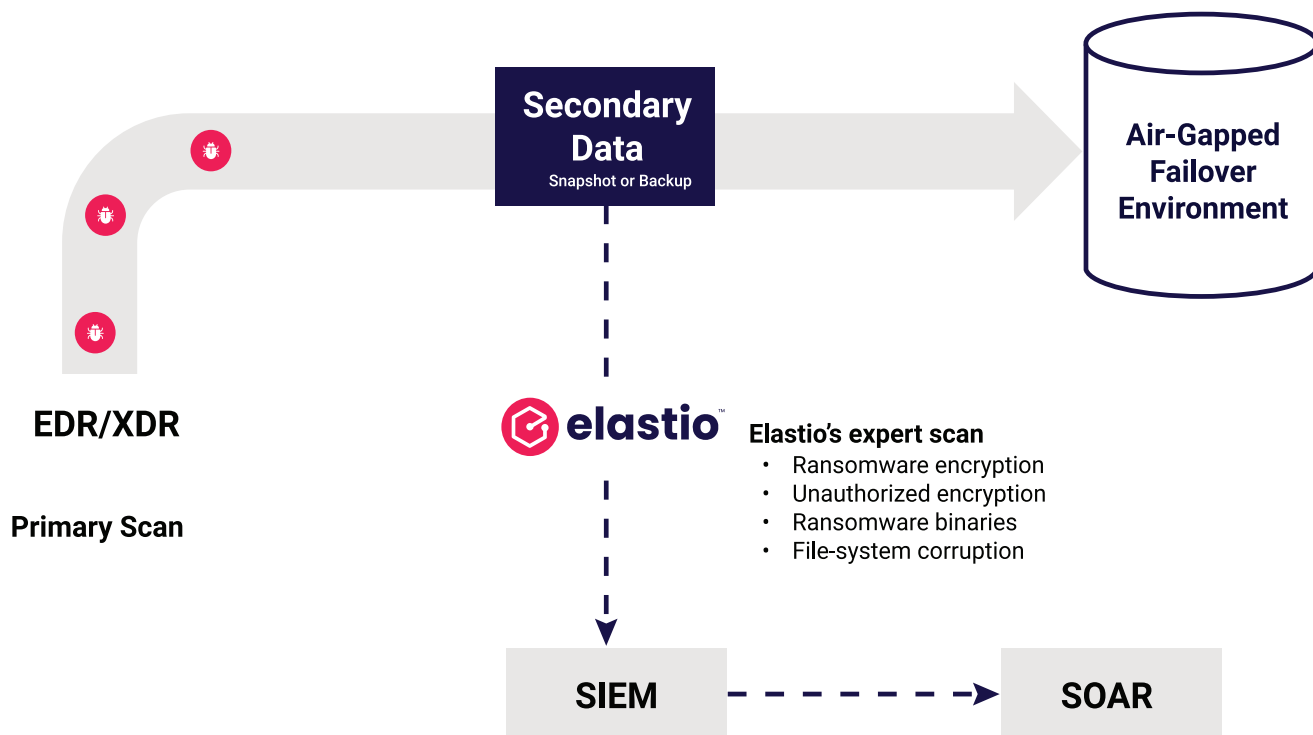
Audit-Ready Compliance & Reporting
Elastio Platform automatically generates detailed resilience and integrity reports aligned with regulatory frameworks like NYDFS, DORA, and MAS TRM. These reports provide clear evidence for compliance audits, cyber insurance underwriting, and board-level oversight, reducing operational overhead and legal risk.

Minimized Downtime and Recovery Risk
Elastio Platform proactively scans and validates backup data before an incident occurs across cloud and on-premise environments. This zero-trust approach dramatically reduces the risk of failed or incomplete recoveries, giving teams the confidence to act quickly without fear of re-infection or data loss.

Elastio's Data Integrity Layer Protects Your Organization

Secondary Data
Snapshot or Backup

Air-Gapped Failover Environment

EDR/XDR

Primary Scan

Elastio's expert scan
- Ransomware encryption
- Unauthorized encryption
- Ransomware binaries
- File-system corruption

SIEM

SOAR

How It Works - Clean Recovery Assurance in Action

Deploy Elastio Platform in Minutes
Elastio Platform integrates seamlessly into your AWS environment using CloudFormation. Whether protecting a single account or managing a complex, multi-account architecture, deployment is fast, scalable, and infrastructure-as-code friendly, ensuring alignment with your DevSecOps processes.

Automate and Orchestrate Deep Scans
Configure Elastio Platform to run intelligent scans on AWS DRS snapshots and other backup sources. Schedule encryption detection scans to run hourly for real-time ransomware insight, and binary-level scans daily to catch even the most stealthy threats. Elastio Platform enables continuous validation of recovery readiness without operational burden.

Flexible Deployment Options — Run It Your Way
Choose to deploy Elastio Platform inside your AWS environment for complete control, or offload operational overhead using Elastio Platform's fully managed scan clusters. Either way, you maintain ownership of your data and visibility into every scan and result.

Built for Efficiency and Scale with AWS Batch
Elastio Platform uses AWS Batch to automatically scale resources on demand. This ensures high performance when needed and cost efficiency when idle, making large-scale scanning feasible without impacting production workloads or incurring unnecessary spend.

Deployment Flexibility: Built for the Way You Operate

Seamless AWS Integration
Elastio Platform is purpose-built for AWS environments and deploys effortlessly using native tools like AWS CloudFormation.. Whether operating in a single AWS account or managing a complex multi-account architecture, Elastio fits right in without disrupting your existing workflows.

Tailored to Your Geography and Compliance Needs
You can choose specific AWS regions for scanning to align with data sovereignty, regulatory, or latency requirements. Elastio Platform gives you granular control over where scans are executed, helping you meet internal policies and regional compliance mandates.

Run It Your Way: Managed or Self-Hosted
Prefer to offload infrastructure management? Use Elastio Platform's fully managed scan clusters for turnkey deployment, maintenance, and scaling. Need tighter control? Choose the self-hosted model and run Elastio Platform within your environment to meet strict security or operational requirements.

Optimized for Scale and Cost
Behind the scenes, Elastio Platform leverages AWS Batch to enable automatic scaling for scan operations, so resources are only used when needed. This dynamic, pay-as-you-go approach ensures cost efficiency without sacrificing performance.

"Elastio allowed us to see almost immediately which backups were clean. That saved us days—possibly weeks—of trial and error."

—*Jeff Fudge, Director of Cloud Solutions, JetSweep*
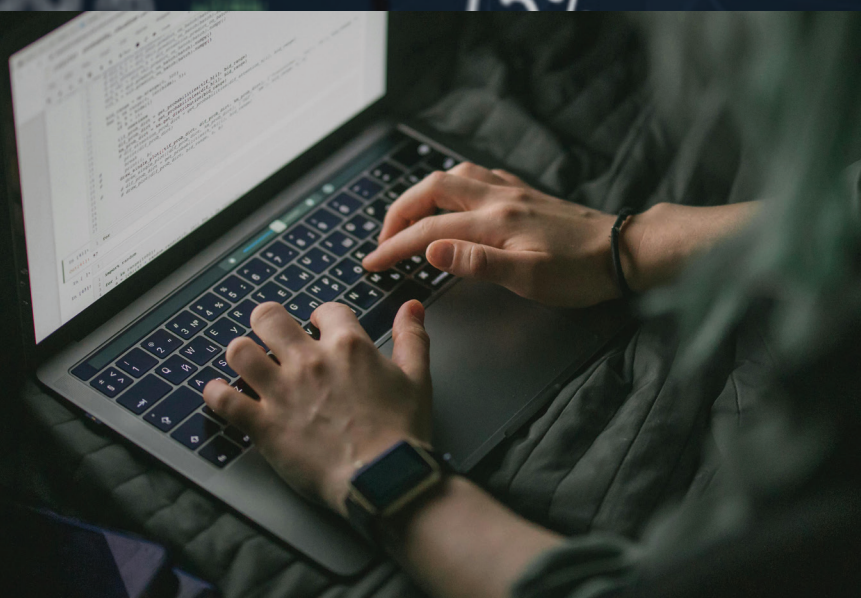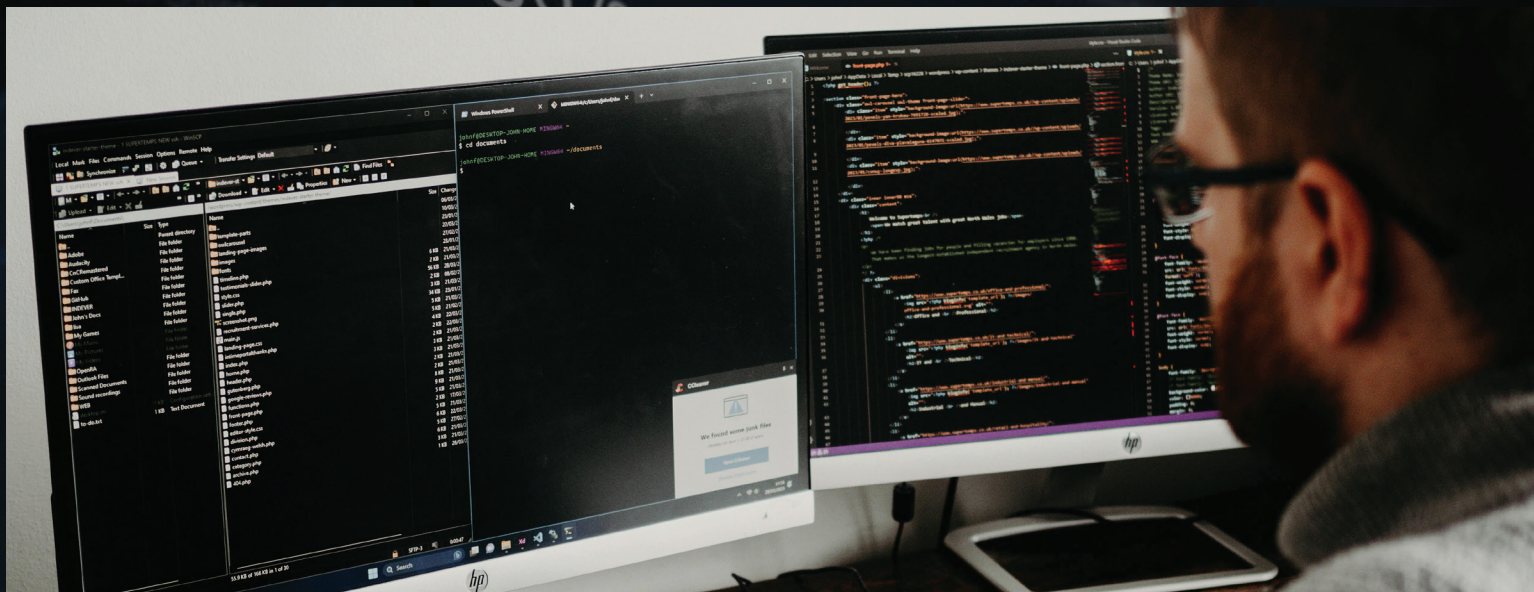
Confident, Ransomware-Free Recovery with Elastio Platform + AWS DRS

Traditional disaster recovery alone is no longer enough in today's threat landscape. It assumes your backups are clean, but you take a gamble without proof. Elastio Platform removes that uncertainty.

By integrating seamlessly with AWS DRS, Elastio Platform delivers cyber-resilient recovery you can trust. It continuously scans backups and snapshots for ransomware, insider threats, and file system corruption—before a restore is needed. The result? Verified, uncompromised recovery points that let you act quickly and confidently when every second counts.

Whether you're safeguarding mission-critical AWS applications, meeting strict regulatory mandates, or trying to reduce cyber insurance exposure, Elastio Platform + AWS DRS gives you a purpose-built solution to ensure clean, rapid, and compliant recovery from even the most sophisticated attacks.

Don't just recover. Recover clean. Recover fast. Recover with certainty.

See Elastio in action. Request a Demo Today.
Available on AWS Marketplace
Learn more at www.elastio.com

Contact us at sales@elastio.com

About Elastio

Elastio specializes in ransomware mitigation and recovery, providing businesses with advanced tools to validate their data. By bridging the gap between traditional security measures and immutable backups, the Elastio Platform ensures clean recovery from zero-day ransomware attacks, giving organizations the confidence to restore operations quickly and securely. For more information, visit www.elastio.com.