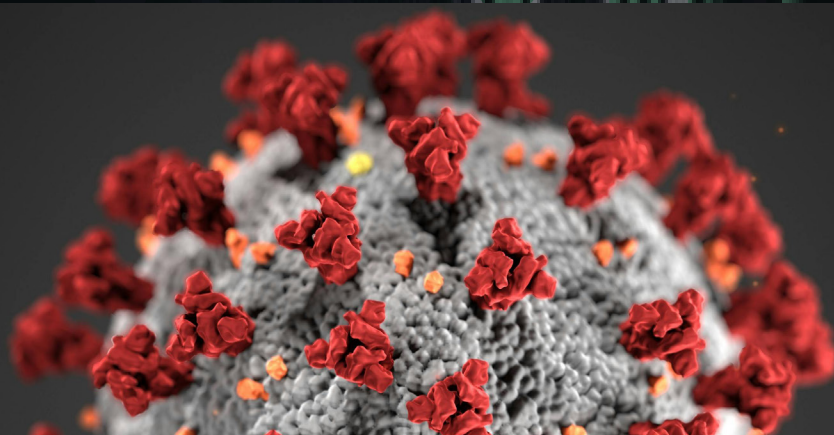


Streamlining Ransomware Resilience: A Public Health Agency's Journey with Elastio



Key Capabilities

Industry: Public Sector/Healthcare

Headquarters: United States

Cloud Environment: AWS

Use Case: Ransomware Recovery Assurance, Backup Integrity Validation

Data Types Protected: Health records, vaccination data, analytics, cloud backups

Challenge:

- **Recovery costs** pressured public agencies to modernize resilience
- **Lack of visibility** into backup integrity, risking reinfection during recovery
- **No verified clean backups**, created recovery delays, and ransom payments became likely outcomes

Solution:

- **Continuous, off-host scanning** of backup data for ransomware indicators
- **Backup validation workflows** to pinpoint clean, restorable data
- **Low operational overhead**, integrating easily into existing AWS services, and backup tools

Challenge

Ransomware poses a significant threat to public sector organizations, with the average recovery cost surging to \$2.83 million in 2024. The primary driver of high recovery costs is the inability to quickly locate the last clean backup—or the discovery, too late, that no clean backup exists. Without verified backups, agencies often face devastating choices: prolonged downtime to locate uncorrupted data or paying a ransom to attackers.

A state public health agency responsible for critical community health services and vaccination programs faced increasing pressure to modernize its cyber resilience strategy. As ransomware threats escalated and compliance standards tightened, the agency needed to ensure it could recover **quickly and cleanly** from any attack.

While the agency had a robust backup solution in place, it lacked confidence that these backups were **free of corruption or hidden ransomware**. Without visibility into backup integrity, any recovery attempt carries the risk of reinfection and potentially disastrous service interruptions.

Solution

The agency adopted the Elastio Ransomware Recovery Assurance Platform to strengthen its defense and ensure recovery assurance across its AWS environment. Elastio was layered into the agency's AWS-native backup architecture, providing:

- **Proactive Backup Validation:** Elastio continuously inspected and validated all backups across all the DPH's AWS accounts, ensuring administrators knew which backups were clean and safe to restore.
- **Seamless Integration:** Elastio was integrated directly into the agency's AWS AMS environment, allowing the agency to monitor and validate backups without modifying existing workflows or service agreements.
- **Streamlined Recovery Process:** Elastio flagged compromised backups before they could be restored, ensuring only clean backups were used during recovery and reducing the risk of reinfection.

This allowed the agency to confidently meet its ransomware readiness goals, validate recovery points proactively, and reduce risk to its health data and critical services.

Key Benefits

- **Assured Data Integrity:** Validated that backup data was uncorrupted and ransomware-free
- **Proactive Detection:** Identified threats before they could compromise recovery
- **Seamless AWS Integration:** Worked natively with existing AWS backup and infrastructure
- **Operational Efficiency:** Delivered assurance without adding operational complexity

“Ransomware recovery used to feel like walking a tightrope. With Elastio, we’ve replaced guesswork with certainty, knowing our backups are clean and ready to restore—letting us focus on protecting public health.”

— Product Manager, Managed Services Provider

Impact

- **Eliminated Blind Spots:** Gained visibility into backup integrity and ransomware indicators
- **Proven Recovery Readiness:** Confidently identified clean, restorable recovery points
- **Streamlined Operations:** Elastio’s low-friction deployment and AWS-native integration required no workflow overhauls

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.