

Cloud Storage Security Antivirus

Stop malware before it lands with real-time scanning at the storage layer.

Breaches involving public cloud storage now cost organizations an average of \$5.17 million¹. Cloud Storage Security's Antivirus fortifies cyber resiliency by scanning cloud data in tenant as it is written, before it is written, on demand, or on schedule, extending protection beyond the application layer to detect, isolate, and stop hidden threats.

Use Cases

1 | PREVENT RANSOMWARE FROM ENTERING CLOUD STORAGE

Desired Outcome: Stop malware from reaching production data or backups.

Solution: Cloud Storage Security's Antivirus scans every file at upload, on schedule, or on demand—directly in your environment across AWS, Azure, and Google Cloud. This allows you to detect and block ransomware and other malicious payloads before they can embed in backups, infect workloads, or move laterally.

2 | ENSURE CLEAN BACKUPS AND RESTORES

Desired Outcome: Prevent reinfection through legacy or restored data.

Solution: Many ransomware strains hide in dormant files and return during recovery. CSS Antivirus automatically scans new and existing data for embedded malware before it's restored or accessed, ensuring only clean files make it into backup cycles and restore points—without ever moving data out of your cloud.

3 | AUTOMATE THREAT RESPONSE AT THE STORAGE LAYER

Desired Outcome: Reduce manual investigation and remediation time.

Solution: When malware is detected, CSS Antivirus can automatically tag, quarantine, or delete infected files and trigger response workflows through SNS, Lambda, or your SIEM. This allows your team to respond instantly to file-based threats across cloud storage without disrupting applications or delaying operations.

4 | SUPPORT COMPLIANCE AND AUDIT READINESS

Desired Outcome: Prove malware protection is in place for stored data.

Solution: File-level antivirus scanning is a control requirement in many compliance frameworks, including PCI DSS 4.0, HIPAA, and ISO 27001. CSS Antivirus provides logging, policy enforcement, and reporting to help satisfy audit requirements and demonstrate proactive defense of your cloud storage layer.



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¹IBM Cost of a Data Breach Report 2024