

Hitachi Content Platform Anywhere Enterprise Ransom Protect

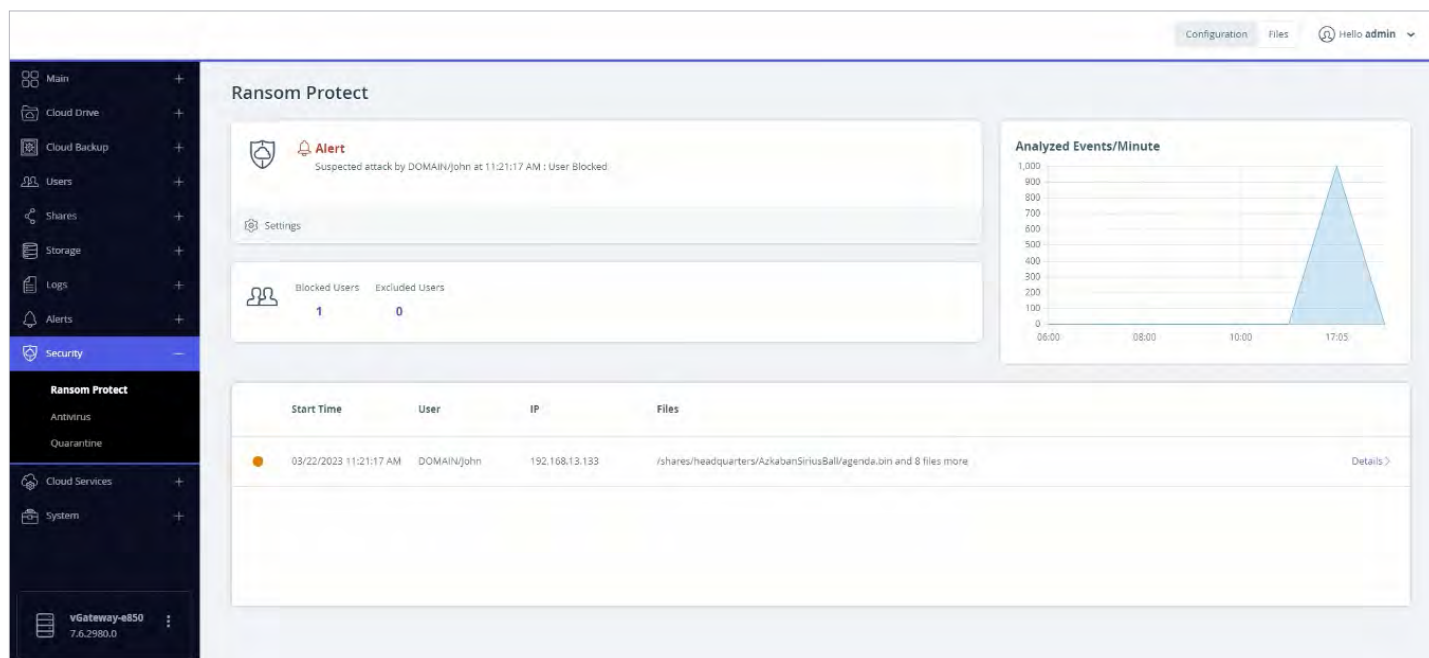
Identify, Block, & Recover

Fighting back against ransomware requires a risk management strategy that goes beyond data security or backup products. While you can't prevent your organization from being targeted by a ransomware attack, you can take steps to protect your data.

Hitachi Content Platform Anywhere Enterprise features Ransom Protect, a state-of-the-art AI-driven ransomware defense mechanism that identifies and halts ransomware attacks in real time. Furthermore, should a ransomware attack occur, organizations have the ability to virtually instantly recover the 'locked' data from immutable snapshots.

Ransom Protect

Ransom Protect employs advanced machine learning algorithms to swiftly identify and block suspicious file activities. With an incident management dashboard, administrators can monitor attacks in real time. The system securely stores extensive incident evidence and logs, aiding in post-attack forensics. Integrated into Edge Filer, Ransom Protect is easily activated with a single click for streamlined deployment.



Ransom Protect Dashboard

Real-time AI Detection

Ransomware threats can be detected and shut down almost immediately. Advanced machine learning algorithms identify behavioral anomalies suggesting fraudulent file activity, and block offending users within seconds.

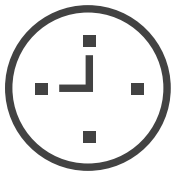
Zero-Day Protection

Ransomware starts working and encrypting files within seconds. When it comes to protection, there is no time to delay – certainly not the length of time that traditional signature-based services take to recognize a ransomware attack. Ransom Protect provides true zero-day protection.

Incident Management

Ransom Protect includes a complete administrator dashboard that enables real-time attack monitoring, comprehensive incident evidence logging, and granular post-attack forensics. Administrators can also re-add any blocked users when it's deemed safe to do so.

True Zero-Day Ransomware Protection

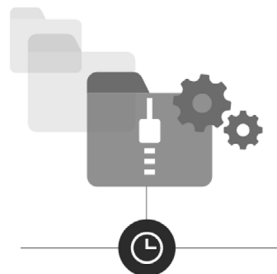


- **Average Time to File Version**
24 Hour Period
- **Backup Average Case**
Once Every 24 Hours
- **24 Hours of Exposure**
2.5 years worth of productivity for a 1,000 person office

The Backup Gap

Traditional backup systems are ill-equipped to handle fast-moving ransomware attacks. Backup products for endpoints and servers typically back up data every 8 to 24 hours. This amount of potential data loss is unacceptable in today's fast-paced business environment.

In contrast, HCP Anywhere Enterprise offers continuous real-time protection, synchronizing the data to air-gapped, immutable object storage. This provides a superior defense against ransomware attacks, with RPO (recovery point objective) measured in minutes or seconds.



Immutable Snapshots

Over 90% of ransomware attacks target backups. To combat this, HCP Anywhere Enterprise securely stores snapshots in immutable, air-gapped object storage. These cannot be deleted or modified during the retention period, effectively creating a safe haven for your data. This strategy thwarts ransomware from destroying your recovery options.



Instant Recovery

HCP Anywhere Enterprise's caching technology not only replicates the data continuously to the cloud, but offers near-immediate disaster recovery following a ransomware incident, even when tens of terabytes need to be rolled back. When rolling back a folder to a previous version in the cloud, the edge filer is populated nearly instantly with stubs that enable users to immediately regain access to the recovered files on their mapped network drives. There is no need to wait for all the damaged data to be restored.



Zero-Trust Architecture

HCP Anywhere Enterprise is the only global filesystem to have a Zero-Trust architecture. Edge filers never store or receive credentials for the object storage. All storage operations are performed with single-use tokens provided by an authorization service in the Hitachi Portal.

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