

SOLUTION BRIEF

Cyber Recovery with Near-zero RTO

The first integrated cyber recovery solution with full data visibility, enabling near-zero RTO

When cyberattacks strike, organizations need lightning-fast recovery of critical applications and services. Every second counts to limit the impact and duration of operational outages that could result in revenue loss, customer attrition, or supply chain disruption. With recovery measured in minutes, organizations can dramatically reduce cyber risk and ensure predictable operations.

Better Together: Rubrik Security Cloud and Pure Storage

Rubrik Security Cloud and Pure Storage® Enterprise Data Cloud together deliver unmatched cyber resilience, delivering near-zero recovery time objectives (RTOs). With Rubrik's comprehensive zero trust data protection, data threat analytics, data security posture, and cyber recovery—combined with Pure Storage's high-performance, resilient architecture—organizations gain end-to-end observability across their data estate.

With this unique integration, you can leverage Rubrik threat detection to quickly determine if Pure Storage SafeMode™ Snapshots can be immediately restored in the case of a destructive incident. This is the first cyber recovery solution that empowers Pure Storage users with the visibility/insights needed to proactively execute recoveries. These early insights, coupled with Pure Storage's high-performance architecture, unlock near-zero RTO. The innovative solution allows organizations to recover critical applications and services in minutes, arming security and IT teams with the intelligence and confidence to safely and reliably respond and recover from cyberattacks.

Solution Overview

The Pure Storage and Rubrik integration combines the speed of Pure Storage Enterprise Data Cloud indelible SafeMode Snapshots and automation capabilities with the intelligence of Rubrik ransomware detection. You can see which SafeMode Snapshots and volumes contain compromised data thanks to Rubrik scanning and Pure Storage Pure1® workflow automation tagging capabilities. This empowers you to recover only verified clean data at lightning-fast RTOs directly from Pure Storage Enterprise Data Cloud. And if needed for surgical recovery, Rubrik secure backups are always available as a secondary recovery path. This results in a full spectrum of clean, confident recovery options, all surfaced through the familiar Pure Storage interface.



Protect Your Critical Data

Rubrik delivers fast, automated protection and recovery to keep critical applications secure and running smoothly.



Trust Your Recovery

Rubrik threat hunting and Pure1 provide immediate intelligence so snapshots can be recovered without risk of reinfection.



Eliminate Disruptions

Pure Storage SafeMode Snapshots enable instant, secure recovery with immutable copies for fast restoration after attacks.

Rubrik initiates data protection policies for Pure Storage Enterprise Data Cloud volumes, creating backup data sets indexed with cryptographic hash values. These backups are automatically scanned for indicators of compromise (IoCs), and any infected data is flagged within Rubrik.

Pure1, the Pure Storage management platform, then queries Rubrik to obtain threat intelligence and backup metadata. It cross-references this information with Pure Storage snapshots and volumes, tagging any that are associated with identified threats. Administrators are promptly notified, enabling fast action. When recovery is needed, IT and security teams can quickly identify trusted, uninfected recovery points from Pure Storage snapshots. These snapshots can be instantly restored, allowing the rapid resumption of critical applications without risk of reinfection.

These key outcomes—early threat identification; proactive remediation; and rapid, trusted recovery—enable organizations to lower cyber risk by minimizing the impact of attacks, reducing downtime, and ensuring data integrity and operational continuity.

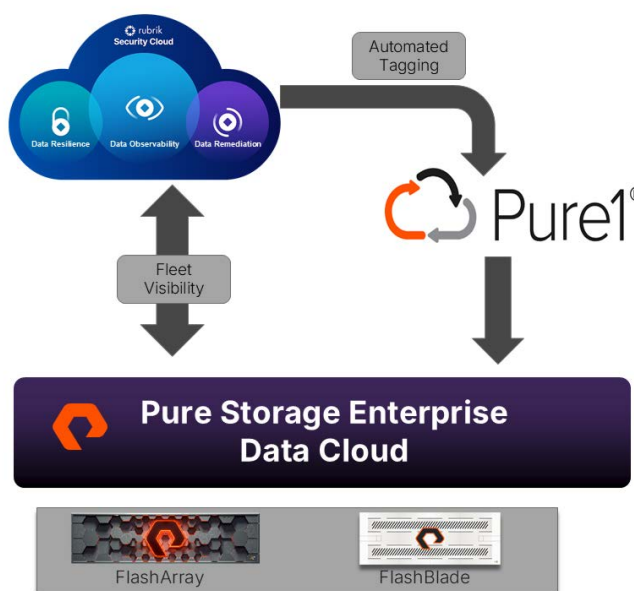


FIGURE 1 Rubrik Security Cloud and Pure Storage Enterprise Data Cloud.

Rubrik Security Cloud provides the following key capabilities to drive this solution:

- **High-performance threat detection and recovery:** Rubrik threat analytics enable rapid detection and analysis of ransomware and other cyber threats through advanced anomaly detection and deep file inspection. By continuously scanning backup data for IoCs, Rubrik helps security teams pinpoint infections early, investigate threats efficiently, and identify safe recovery points with confidence. Identifying the initial point of infection is crucial. Rubrik threat hunting can scan up to 75,000 backups within an estimated 60 seconds to swiftly pinpoint clean recovery points and prevent malware reinfection.
- **Modern data protection:** Rubrik delivers comprehensive data protection through immutable backups, policy-driven automation, and a zero trust architecture. These capabilities safeguard critical data from ransomware attacks by preventing unauthorized changes or deletions. With automated backup policies and recovery orchestration, organizations can ensure consistent protection while simplifying the cyber recovery process. Rubrik's platform enables rapid recovery of data across hybrid and multicloud environments, reducing downtime and operational disruption. It empowers IT teams to confidently manage, protect, and recover data at enterprise scale.

Pure Storage Enterprise Data Cloud provides the following capabilities to drive this solution:

- **Pure Storage Pure1** leverages advanced automation and AI-driven analytics to simplify storage management and optimize performance. It provides proactive health monitoring, predictive support, and intelligent capacity planning, reducing manual tasks and minimizing downtime. With automated workflows and real-time insights, Pure1 enables faster issue resolution and seamless scaling, empowering IT teams to focus on strategic initiatives while ensuring continuous, efficient operation of Pure Storage environments across hybrid and multicloud infrastructures.
- **SafeMode Snapshots** deliver immutable, tamper-proof data protection by creating snapshots that cannot be altered or deleted—even by administrators or ransomware attackers. These snapshots provide trusted recovery points for rapid, reliable restoration, safeguarding critical data across **Pure Storage Enterprise Data Cloud** to enable seamless scalability, advanced data reduction, and unified management. This empowers organizations to maintain compliance, accelerate workloads, and recover quickly with integrity and resilience.

Additional Resources

- [Pure Storage Enterprise Data Cloud](#)
- [Rubrik Security Cloud](#)
- Pure Storage [SafeMode Snapshots](#)