Monitoring Anomalous Events in Pure1

Continuous monitoring for your Pure Storage platform

The SaaS-based monitoring of Pure1® brings round-the-clock visibility to your Pure Storage® fleet, leveraging advanced anomaly detection to identify and address potential security threats before they impact your business. Pure1 elevates your storage management and ensures your data's safety while freeing your IT team to tackle more strategic tasks.

Introduction

In today's fast-paced world, IT staff are stretched thin managing day-to-day operations, often leaving gaps in how they monitor their storage systems. Traditional systems such as log management and security information and event management (SIEM) systems provide some relief, but often at a steep cost based on data volume. Pure1® from Pure Storage offers a SaaS based monitoring solution that operates around the clock, surveilling your entire Pure Storage fleet without additional costs. Armed with advanced anomaly detection capabilities, Pure1 enhances your existing defense measures against catastrophic events such as ransomware and insider threats by identifying anomalies that could suggest such incidents. This allows your team to focus on strategic initiatives rather than constant surveillance, while still ensuring your data is safeguarded.

Assessing Your Security

The security and data protection assessments in Pure1 are designed to keep your critical data safe and your Pure Storage platform secure. By recommending actionable security measures and best practices, you'll leverage features such as SafeMode™ Snapshots, ActiveDR™, and ActiveCluster™ to their fullest. You can read more about these assessments here. These assessments also spotlight any anomalies across your Pure Storage fleet, enhancing your security posture and response time.

24/7/365 Surveillance

Continuous monitoring detects security threats, safeguarding your data around the clock.

Swift Recovery

Quickly locate recovery snapshots and assess attack impacts to expedite restoration.

Pure1 Integrated Security

Leverage the security and data protection assessments for comprehensive security.
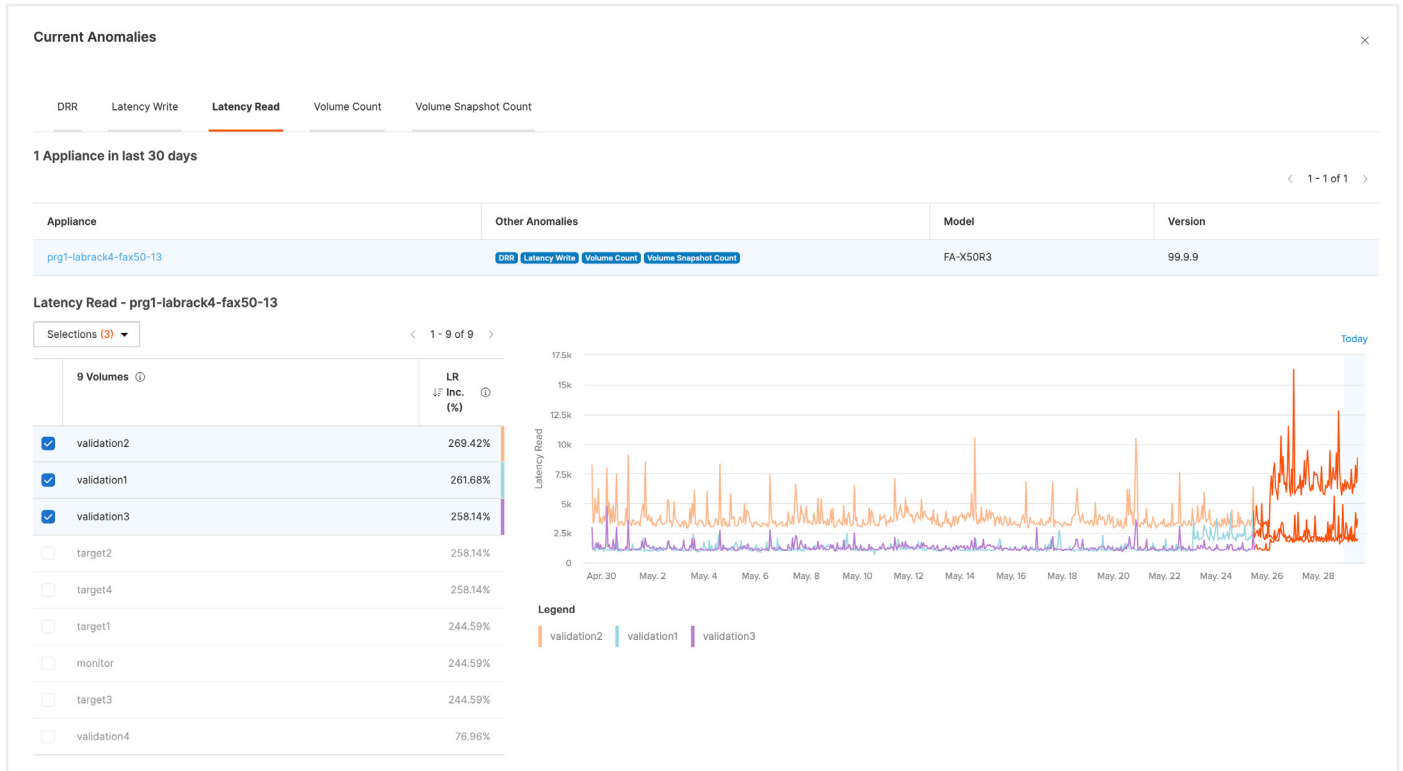
FIGURE 1   Anomaly Detection in Pure1

Utilizing multiple machine learning algorithms and analyzing millions of data points, Pure1 analyzes historical data and compares it against current data to identify anomalous patterns. It monitors critical factors such as data reduction ratios, latency, and changes in volume and snapshot counts, which could indicate past or ongoing cyber threats. Not only will you be aware of an incident, but you'll also know its scope. Pure1 anomaly detection arms you with information about which volumes were impacted, what anomalies were detected, and what are the most recent snapshots in case you need to recover your data to a clean point in time.

With its advanced anomaly detection and assessment tools, Pure1 not only keeps you aware of potential threats, but also provides the critical insights needed for effective response. Don't let gaps in surveillance be the weak link in your security chain. Empower your IT team with Pure1, transforming how you protect, manage, and optimize your Pure Storage platform. See how your environment stacks up by logging in to Pure1 today.

Additional Resources

- Learn more about Pure1 Anomaly Detection in our blog.

- Learn more about Pure1 here.

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Uncomplicate Data Storage, Forever