Intelligent AI Detection for HPE NonStop Backup Data

Proactively Protect Your Data from Ransomware and Hidden Threats and Gain More Insight into Your Organization's Data.

Backup data is not only critical for your operational data retention requirements, it's your last line of defense. But with today's AI-powered cyberattacks, backup systems have become first to be targeted1. ETI-NET's BackBox with QoreStor anomaly detection changes the game — by turning your primary backup target into a smart sensor that spots the unusual before it becomes catastrophic.

Intelligent Detection That Goes Beyond the Basics

Many backup solutions offer basic ransomware alerts. But they often only look at file sizes or job changes. ETI-NET goes deeper.

ETI-NET's latest release of BackBox with QoreStor uses advanced Machine Learning (MI) and Artificial Intelligence (AI) to analyse data patterns at the NonStop's primary backup storage systems — detecting deviations from normal behaviour.

It's not just about storage anymore — it's about smart protection.

What QoreStor Flags for You

With anomaly detection enabled, BackBox with QoreStor alerts you to:

- Unexpected deletions or data retirement
- Large backup/restore operations at odd times
- Drops in compression efficiency (a possible sign of encryption)
- Sudden growth or shrinkage in backup size
- Repeated failed logins or paused audit logging
- Overwrites or truncations to existing data
- Missing markers from backup software

1 Verizon 2025 DBIR "threat actors often target backup systems as a first step in a breach, with 93% of cyber events involving backup repositories". https://www.verizon.com/about/news/2025-data-breach-investigations-report

How It Works

When enabled, QoreStor Anomaly Detection studies your NonStop backup environment over time — upto 90 days — to learn what's "normal." Using isolation forest algorithms, it builds a model of your data flows and access patterns. From there, it monitors for anything that falls outside the expected range and flags it for review as an accepted business process, or for further investigation that can be used for forensics purposes.

Smart, silent, and always learning.

Business Benefits

Anomaly detection isn't just a security feature — it's a business intelligence tool.

- Catch early signs of ransomware activity
- Avoid false alarms by classifying anomalies as business-related or malicious
- Optimize backup policies and storage planning
- Ensure compliance with backup standards
- Stay proactive instead of reactive

Why ETI-NET?

Only ETI-NET brings decades of NonStop Backup expertise and deep integration knowledge between BackBox and QoreStor. Our anomaly detection feature is designed specifically for mission-critical environments — providing the intelligent insights required to protect and manage backup data without disrupting operations.

Smarter backups. Safer data. Greater peace of mind.

Protect your NonStop environment with AI-powered anomaly detection.

Learn more on how to take advantage of this new feature in your organization at:

www.etinet.com/contact-us