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Are data costs eating your security budget?

With escalating SIEM, data, and cloud costs consuming a significant portion of security budgets, organizations must prioritize reducing expenses without compromising their cybersecurity posture, by finding innovative strategies and cost-effective technologies to optimize security data management that reduce expenses. This is where Security Data Operations (SecDataOps) and security pipelines come into play, providing an intelligent solution to address these challenges.

Tenzir Security Data Pipelines: Streamlining SIEM and Cloud Costs for Enhanced Cybersecurity

Effective threat detection, investigation, and response increasingly means mastering data. Security teams require a new strategic approach that considers cost management and Financial Operations (FinOps) as primary outcomes: Security Data Operations (SecDataOps)

Build the most efficient dataflows

Tenzir lets security teams quickly create powerful data pipelines out of plug-and-play building blocks. Drastically reduce your consumption-based data costs by moving only the right data to the right place at the right time. Unify dataflows by combining pipelines to build intricate security stacks that connect to the whole universe of security and data tools. Tenzir makes it easy to quickly compose cost-optimized data pipelines out of a growing library of operators, connectors, and formats.

Reshape and reduce

Much of the data in security events is not needed, repetitive, or easily compressed. By filtering, deduplicating, and compacting data at the source before it reaches costly services, you can reduce costs by up to 80%

Compact and aggregate

Tenzir's special compaction algorithm considers the data's importance when ageing it out. Aggregation pipelines can also condense data size, for example by transforming flow records into a communication matrix can shrink data by 10x while still allowing you to identify connection participants. Incremental compaction gradually reduces data quality rather than abruptly discarding it.

Pre-process and enrich

Enriching security data with context and executing detection rules are often repeated in multiple solutions. By moving these processes to the network edge, duplicate efforts are eliminated, data processing becomes more cost-effective, and enriched data is consistently available for all workloads.

TENZIR

Key Features

Benefits

Data filtering and reduction

Tenzir allows users to filter out noisy, redundant, and duplicate data, ensuring only relevant information is forwarded and stored, which reduces storage and processing costs.

1

Reduce storage requirements

Filtering, reducing, and deduplicating data decreases the overall data volume stored, leading to significant savings in storage costs.

Data deduplication

Tenzir eliminates duplicate data entries, conserving storage space and reducing data processing times, ultimately lowering associated costs.

2

Enhance processing efficiency

Leaner datasets require fewer computing resources, speeding up data processing and analysis, and reducing cloud compute costs.

Selective data forwarding

Tenzir enables users to move only the right data at the right time to various tools and platforms, optimizing SIEM, cloud, and data expenses.

3

Improves data quality

Removing irrelevant, redundant, or duplicate data ensures that only valuable and accurate information is retained for analysis, enhancing the overall quality of the data.

Distributed data processing

Tenzir's data fabric enables distributing data storage and processing across the entire network, optimizing resource utilization and lowering expenses related to data management.

4

Streamline threat detection

With fewer false positives and enriched datasets, security teams can identify threats faster and more accurately, increasing the effectiveness of SIEM solutions.

Open standards and compatibility

Built on open standards like Arrow and Parquet, Tenzir seamlessly integrates with existing data environments, eliminating vendor lock-in and providing flexibility for cost-effective solutions.

5

Lower data transfer costs

Transferring less data between various security tools and cloud services reduces data transfer fees, further decreasing overall costs.

Want to know more about Tenzir?

Tenzir is available in three editions. More on editions at tenzir.com/pricing

Open Source
For developers, data engineers and other builders

Community
For small business, consultants and researchers

Enterprise
For larger organizations and managed security service providers

Deployment
Tenzir nodes run on bare metal, virtual machines, in containers—both on premise and in the cloud.

Licensing
Deploy as many Tenzir nodes as you need! Pricing is based on aggregate data processed.