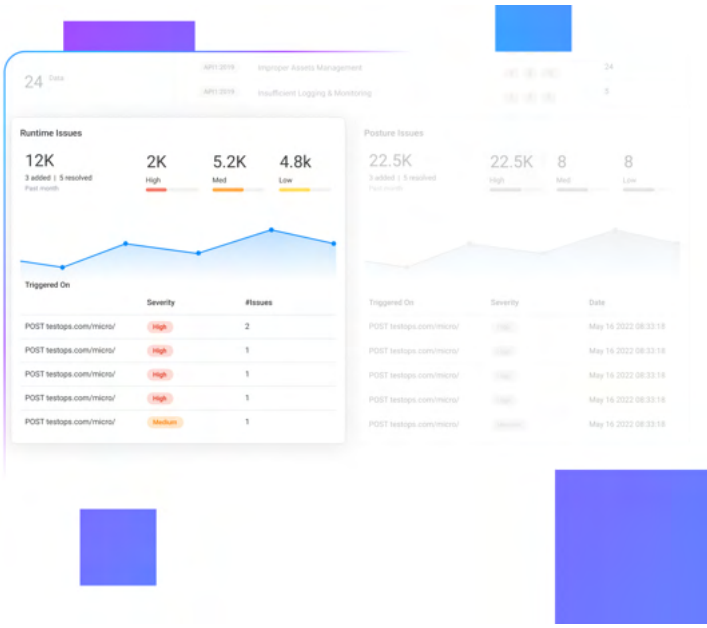
API Discovery

API Posture Management

API Runtime Protection

API Security Testing

Runtime Protection



One of the unique and complicated properties of APIs is that usage patterns differ greatly depending on the functionality of the API. To adequately detect malicious traffic during runtime, you need to successfully differentiate between normal and abnormal behavior.

Why you need API Runtime Protection

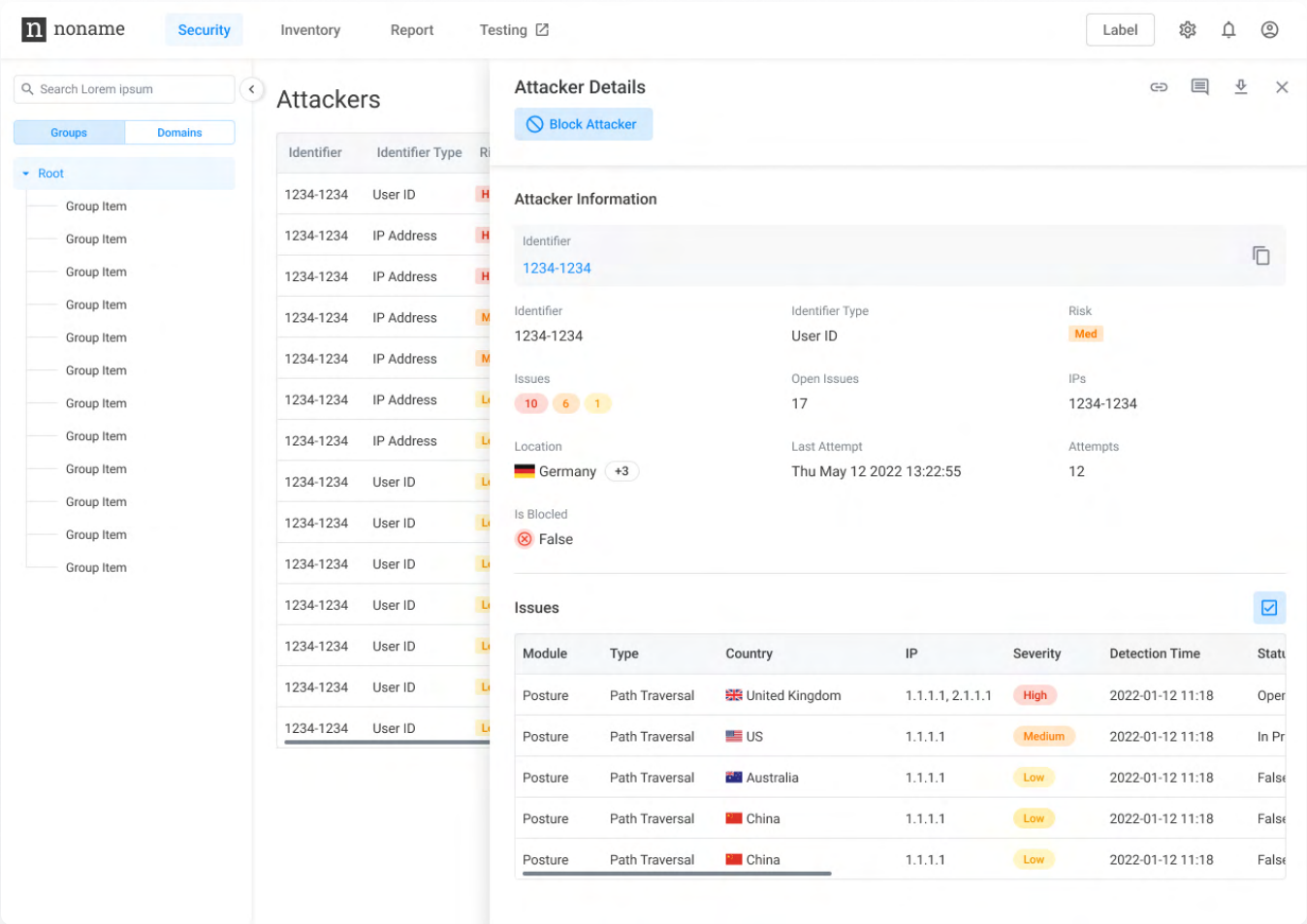
Runtime Protection detects the most complex API business logic-based attacks like BOLA – where the incoming request demands access to objects which do not match the authenticated client – and blocking attacks in real-time. Successful Runtime Protection is based on differentiating normal versus abnormal behavior.

Noname Security API Runtime Protection

Noname employs unsupervised offline Machine Learning to perform anomaly detection based on historical behavior on a per-API basis. We will first learn the expected behavior of each API endpoint and, subsequently, evaluate each additional request against the baseline to detect outliers indicating malicious intent.

By using Noname Security API Runtime Protection, you can:

- Reduce risk by stopping attacks immediately
- Reduce costs by identifying and remediating vulnerabilities before exploitation
- Reduce lost revenue from downtime
- Enhance compliance with regulatory requirements and internal policies



Remediation

Once the Runtime Protection module identifies a malicious user, we offer the possibility to either manually or through automated policies block the active attacker while simultaneously identifying the root cause so future exploitation can be avoided.

About Noname Security

Noname Security is the only company taking a complete, proactive approach to API Security. Noname works with 20% of the Fortune 500 and covers the entire API security scope across four pillars — Discovery, Posture Management, Runtime Security, and API Security Testing. Noname Security is privately held, remote-first with headquarters in Silicon Valley, California, and offices in London.

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