NETCLEAN **PROACTIVE** CLOUD

SERVICE OVERVIEW

File Threat Analysis for Splunk

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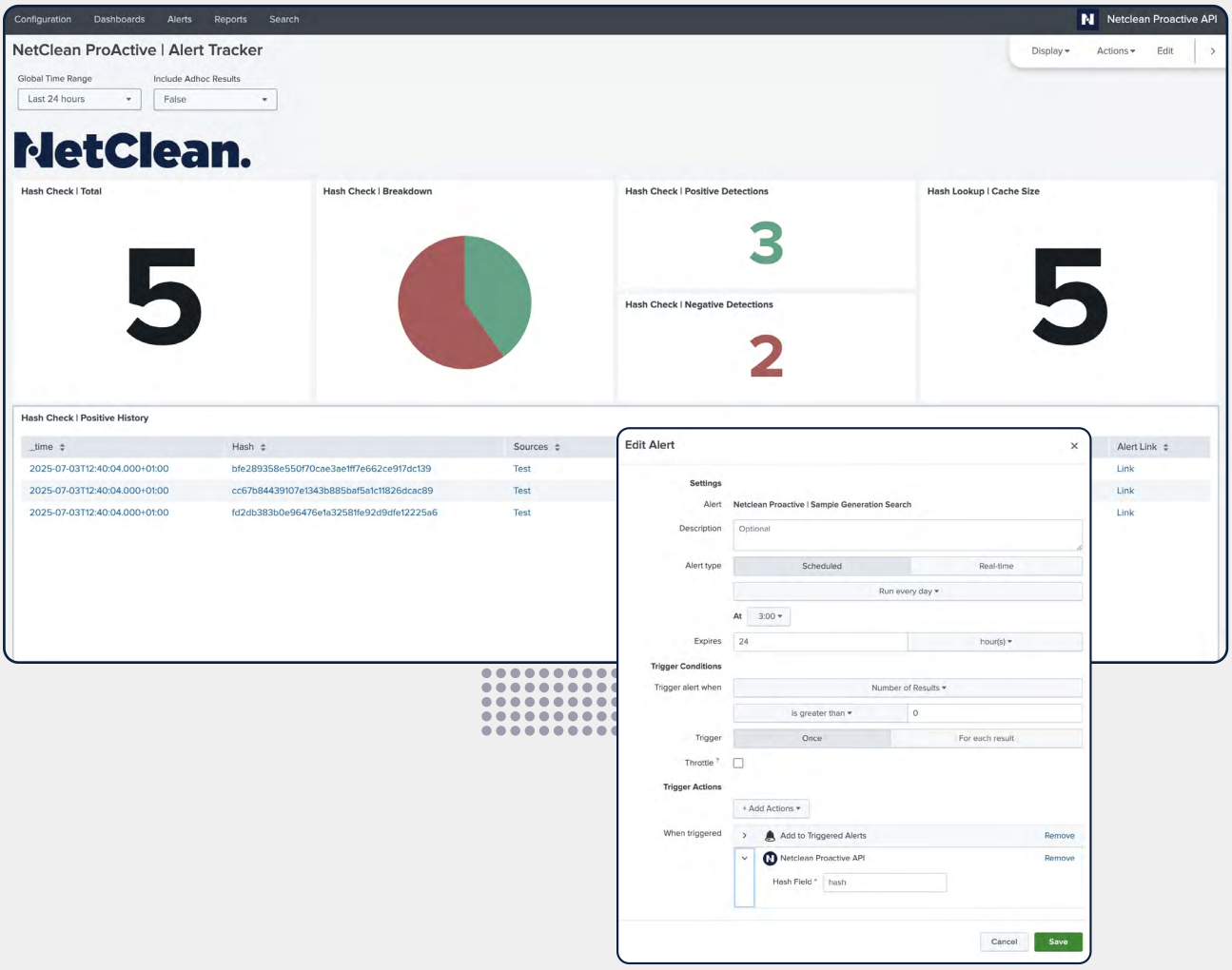
Introduction

ProActive File Threat Analysis for Splunk is a turnkey connector app that brings verified human insider risk detection directly into existing Splunk workflows. It enables security teams to automatically analyze file hashes against NetClean's intelligence database, using the ProActive File Threat Analysis API service. At present, this intelligence is composed of files classified within the Child Sexual Abuse Material (CSAM) threat domain.

NetClean's ProActive File Threat Analysis API is available on the NetClean ProActive Cloud Threat Intelligence Platform, providing high-confidence detections of compromising or illicit content.

NetClean's ProActive File Threat Analysis API detects compromising or illicit content using NetClean's cloud platform, delivering highly reliable, noise-free results.

With minimal setup, the Splunk connector app enables organizations to strengthen investigations and enhance visibility to insider risk—without changing existing workflows. Teams can continue to use Splunk and the tools they already know, including dashboards, alerts, and searches, with no new systems to learn or log into.



How it works

Collect: Gathering signals

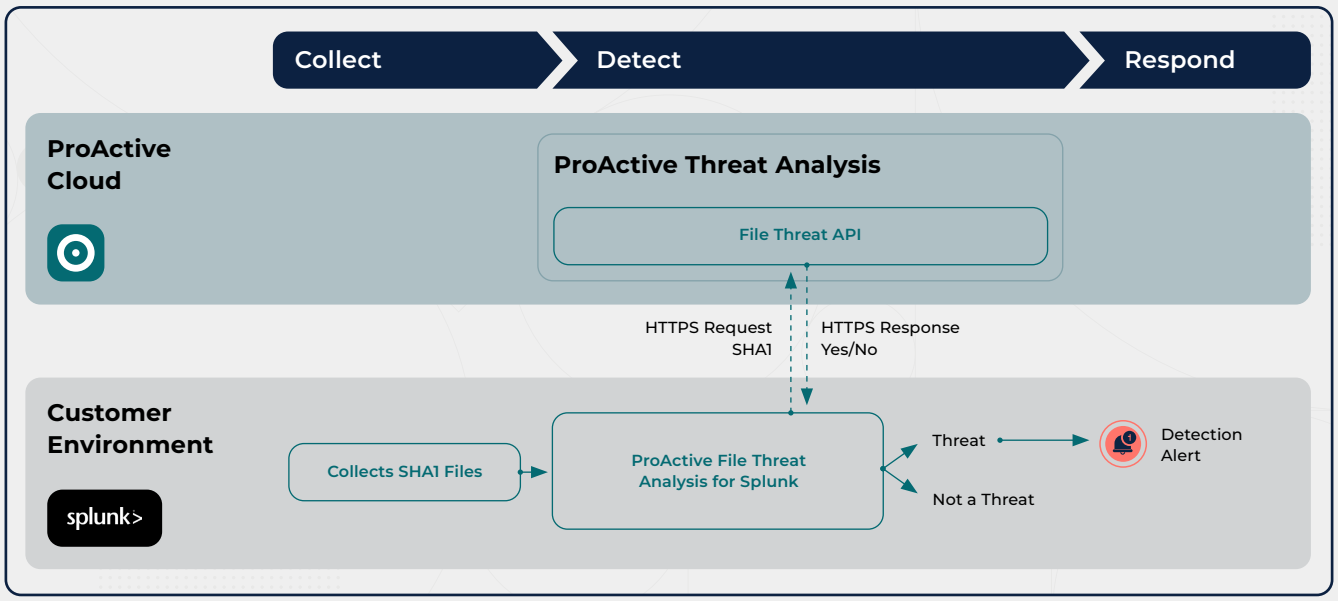
Splunk searches (scheduled or real-time) or other existing security tools collects SHA-1 hashes from endpoint logs, file scans, or DLP systems.

Detect: Identifying threats from signals

The Splunk connector app automatically queries the ProActive File Threat Analysis API with scheduled or real-time hash batches. The API returns a simple true/false result for known CSAM, which is then appended to the corresponding Splunk events. There are no false positives – a “true” response is a verified, high-priority security event.

Respond: Acting on threats

Splunk dashboards and alerts that trigger automated playbooks can enable security teams to investigate, escalate, and remediate CSAM incidents if such content is identified. Any such identification should be treated as a high-risk security incident.



How to set up the service

Prerequisites:

- Splunk Enterprise (on-prem), Splunk Cloud or Splunk versions 9.x.
- Collected SHA-1 file hashes.
- Ability to install and configure Splunk add-ons.

The following setup steps are typically completed in under 30 minutes. See all installation and configuration details in Splunkbase.

- Install the app ProActive Threat Analysis from Splunkbase.
- Configure API credentials. Authentication setup details and API documentation are available in the ProActive Cloud portal, in ProActive File Threat Analysis API section.
- Create a Splunk index to store results.
- Enable the built-in alert in Splunk to receive email notifications when a hash is identified as a CSAM classified file.
- Customize alert actions to fit your organization's workflow — such as triggering investigations, creating tickets, or integrating with SOAR tools.

Value scenarios

The ProActive File Threat Analysis for Splunk add-on enriches existing Splunk searches, dashboards, and alerts with verified intelligence from file hashes collected from the organization's IT environment. Integrated directly into Splunk ingestion and correlation workflows, the add-on enables organizations to automatically detect known high-risk content and turn insider-risk signals into actionable alerts within existing SIEM processes.

Detection & Alerting in Splunk Correlation Searches

The add-on enhances Splunk's correlation searches by appending high-confidence threat intelligence to events containing file hashes. This enables detection rules to classify events involving illicit or high-risk content as priority security incidents. As a result, Splunk can escalate these events through risk-based alerting and adaptive response actions without additional configuration complexity.

Event Enrichment for Investigations & Incident Review

By enriching relevant events with the API response, the add-on supports Splunk's Incident Review and search workflows with authoritative, actionable indicators. This gives analysts immediate clarity when reviewing file-related activity, helping them differentiate between routine technical events and those requiring legal, HR, or governance escalation.

Monitoring File Activity Across Endpoints, Servers, and Storage

When Splunk ingests file activity from endpoints, network shares, cloud storage, or collaboration tools, the add-on provides an automated mechanism to surface events involving high-risk files. This allows organizations to use Splunk as a central monitoring layer for compromising content stored or accessed within the environment.