

# Aqua Security Trivy Overview

January 2023

# Trivy - <https://github.com/aquasecurity/trivy>

- All in one, cloud native security scanner
- Open source, 20.000 stars on GitHub
- Used as security scanner in Aqua Enterprise
- [The Trivy Operator](#) – Kubernetes native Operator
- Adopted across the cloud native ecosystem by companies such as Wise Engineering, Microsoft, Lyft, Mergify and many more
- [25+ Integrations](#) with other projects in the cloud native ecosystem

★ [Give us a Star on GitHub](#) ★



"Trivy was a **clear leader** in the market as far as features, functionality, and capabilities," said Sam White, Sr. Product Manager at GitLab

# Feature Overview

## Scanners

Vulnerability

Misconfiguration

Secrets

License

## Scan Targets

Filesystem

Git Repository

Container Images

Dockerfile

Kubernetes YAML Manifest

CloudFormation

Terraform

Kubernetes Cluster

AWS Services

SBOM

KBOM

## Additional Features

SBOM & KBOM Generation

Continuous In-cluster scanning  
with the Trivy Operator

Attestations

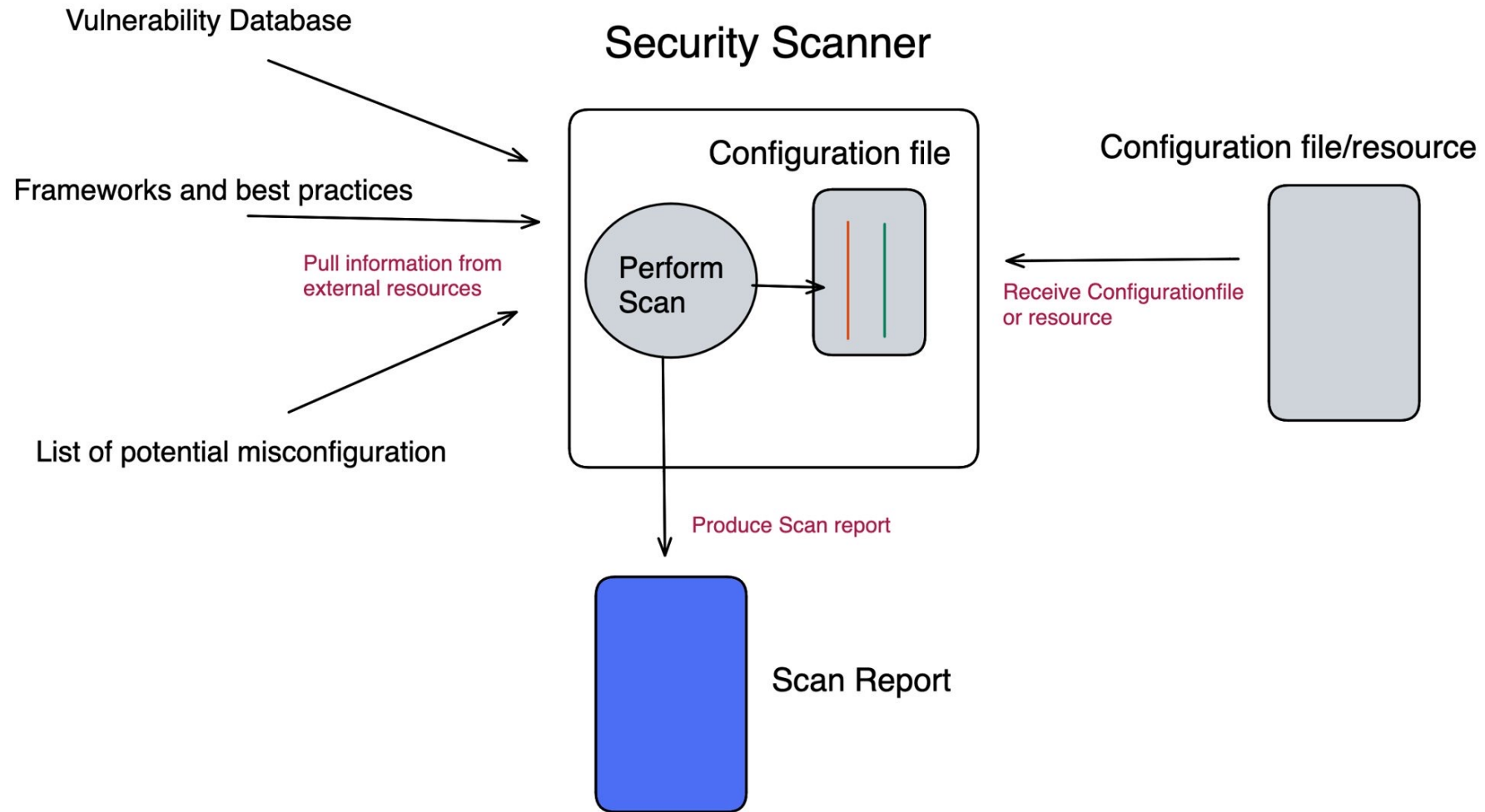
25+ integrations with other tools

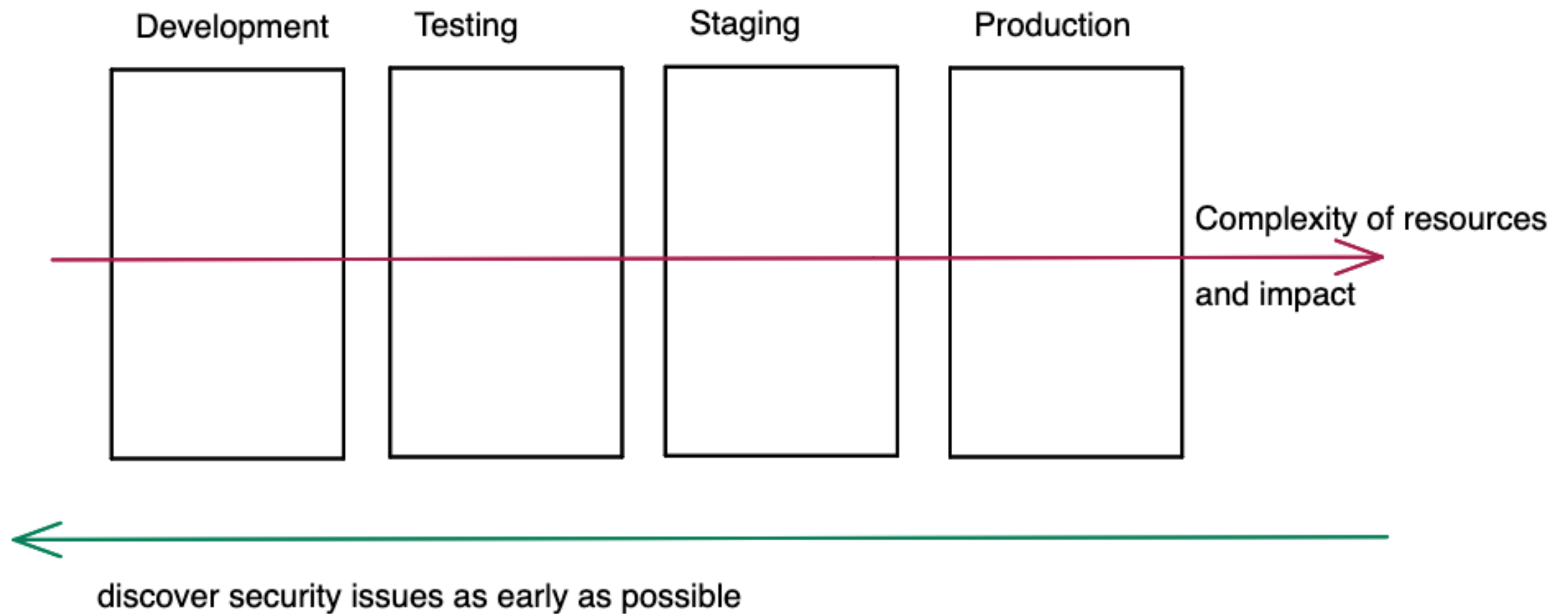
# Start Scanning Early to prevent Misconfiguraiton

	raw_record_number
didn't have any proper systems or security to protect any of the sensitive data it stored	1.1 million customers
unsecured database, no password protection in the cloud	81.5 million records
not specified	unknown
software bug in URL	1.26 million people
someone was able to access database backup files stored third-party cloud hosting services	unknown
no password protection or any kind of security protecting the data base	440 million records
publicly accessible database	5 billion records
back-end of the website was not password protected, people could get to it through a google url	10,000 records
unsecured s3 bucket	425GB
unsecured server	250,000,000
a white hacker found a vulnerability in their security systems and tried to alert them, they ignored it and	370,000 customers

[Source](#)

# How do Security Scanners Work?





## Additional Resoureces

[Trivy GitHub repository](#)

[Trivy Operator](#)

[Trivy demo repository](#)

★ Give us a Star on GitHub ★