



black hat[®]
ASIA 2022

MAY 12-13

BRIEFINGS



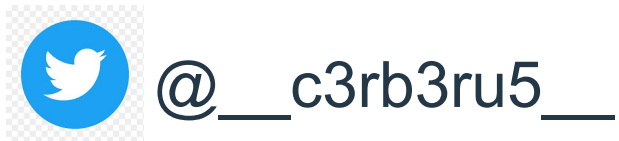
Patronus

**Swiss Army Knife SAST
Toolkit**

About us

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Agenda

- Why we built this
- How Patronus stands out
- Design Solution
- False Positive Reduction
- Demo
- Future roadmap

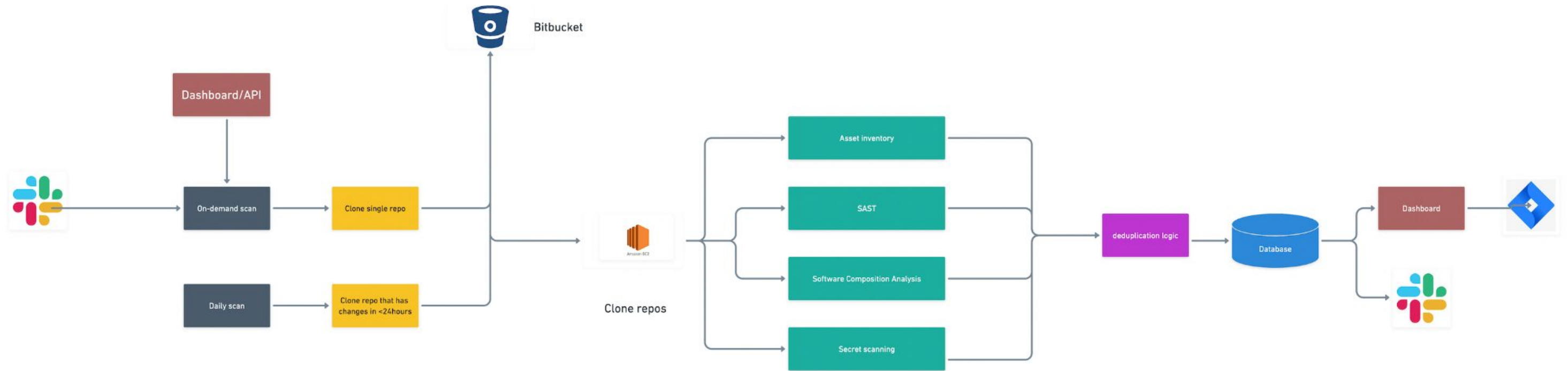
Why we built it?

- Single security framework for vulnerability management & assets inventory
- High levels of false positives and huge operational overheads
- Lack of visualisation of organisation's security posture and metrics
- Ease for devs to adapt to shift left without interfering in production code pipelines
- Cater to organisational needs and keep source code always within the ecosystem
- Actionable approach to security vulnerability findings rather than being a blocking function
- Developer-friendly security scans for their projects in real time

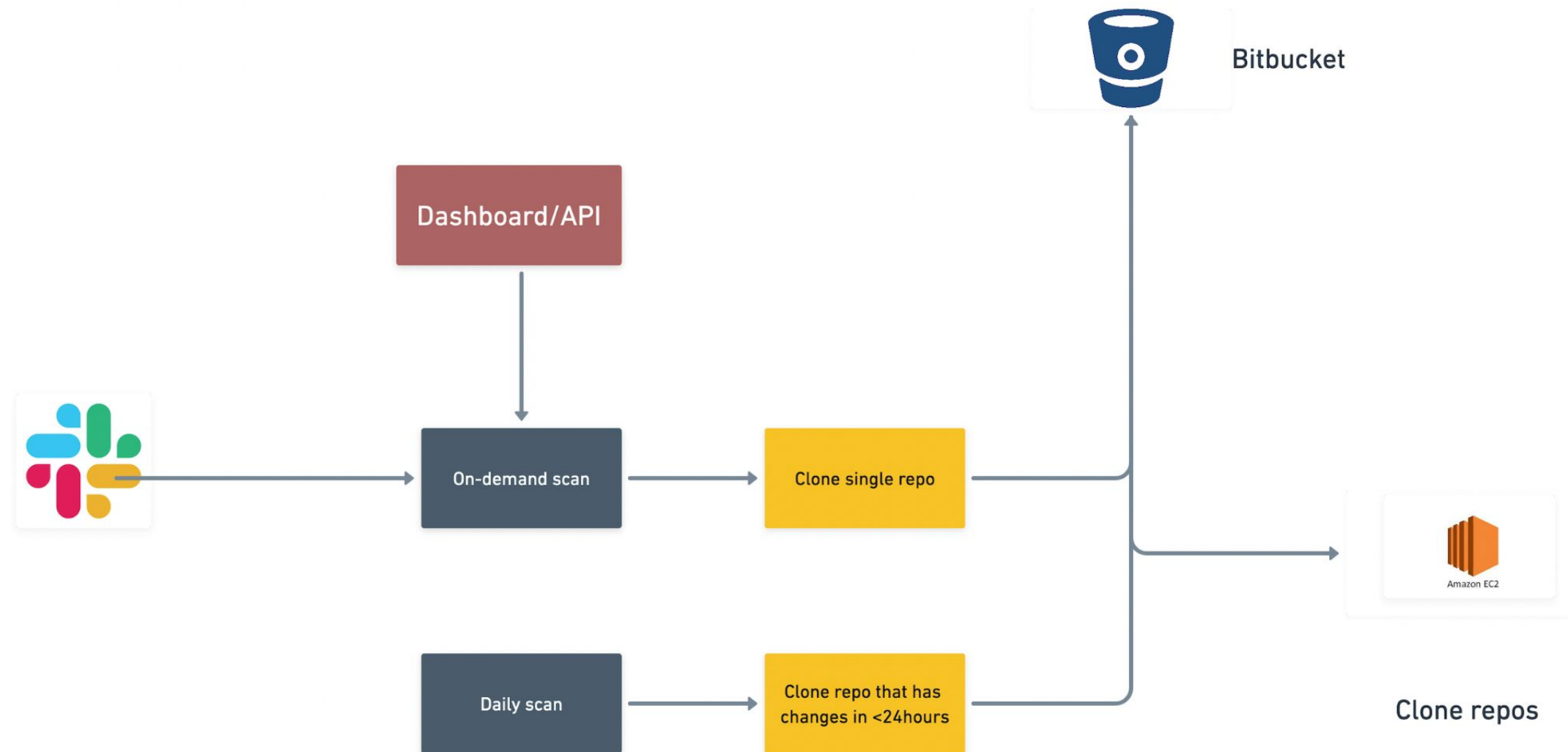
How Patronus stands out

- Secret Scanning ✓
- SAST ✓
- Asset inventory ✓
- Scanning only latest code commits ✓
- Security vulnerability stats and trends ✓
- Configurable scans ✓
- Custom integrations ✓
- SCA ✓
- On-demand scan ✓
- All in one dashboard ✓
- REST API Support ✓
- Multi-language support ✓
- Fully dockerized ✓
- Single Sign On ✓

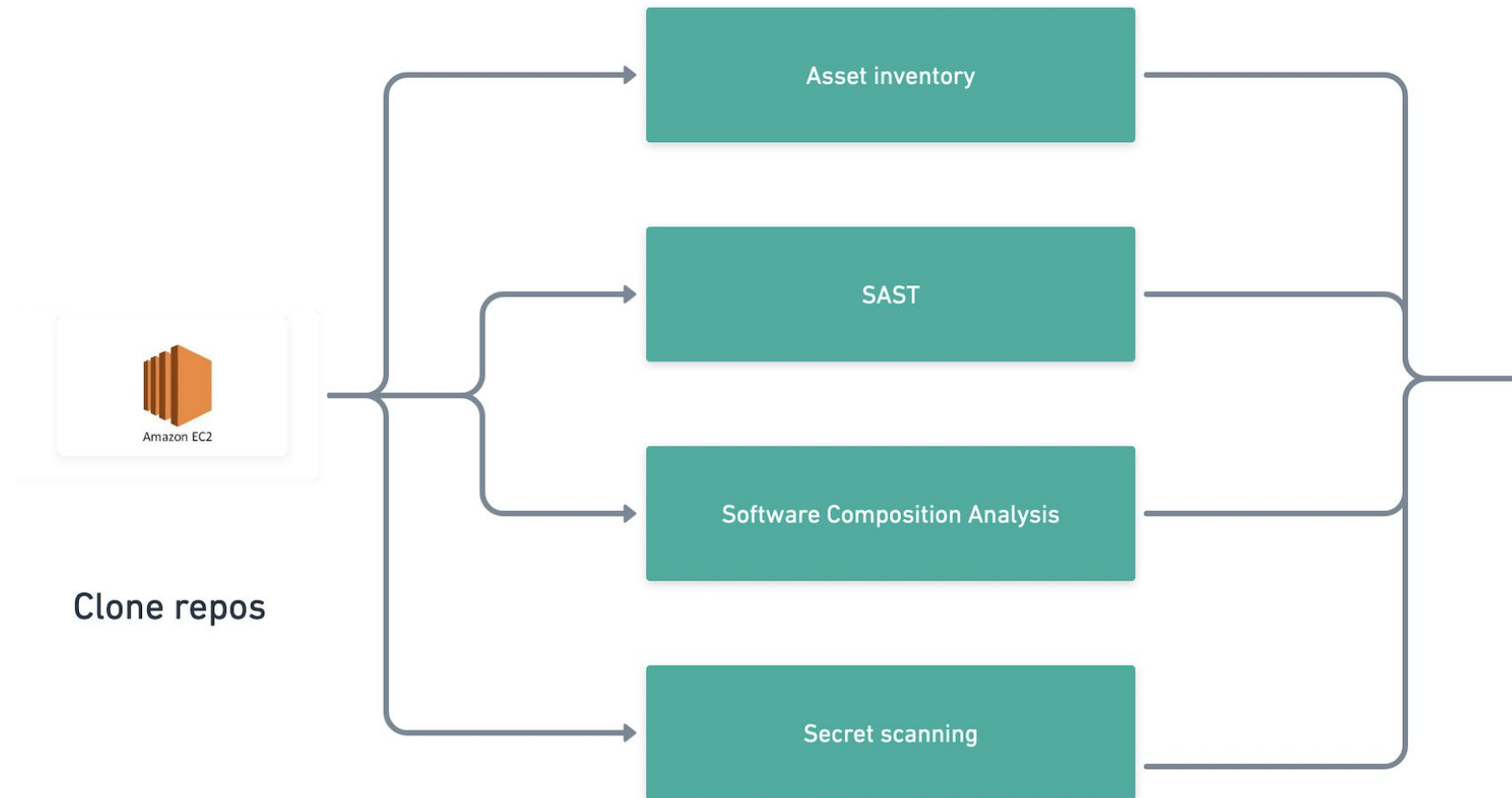
Design Solution



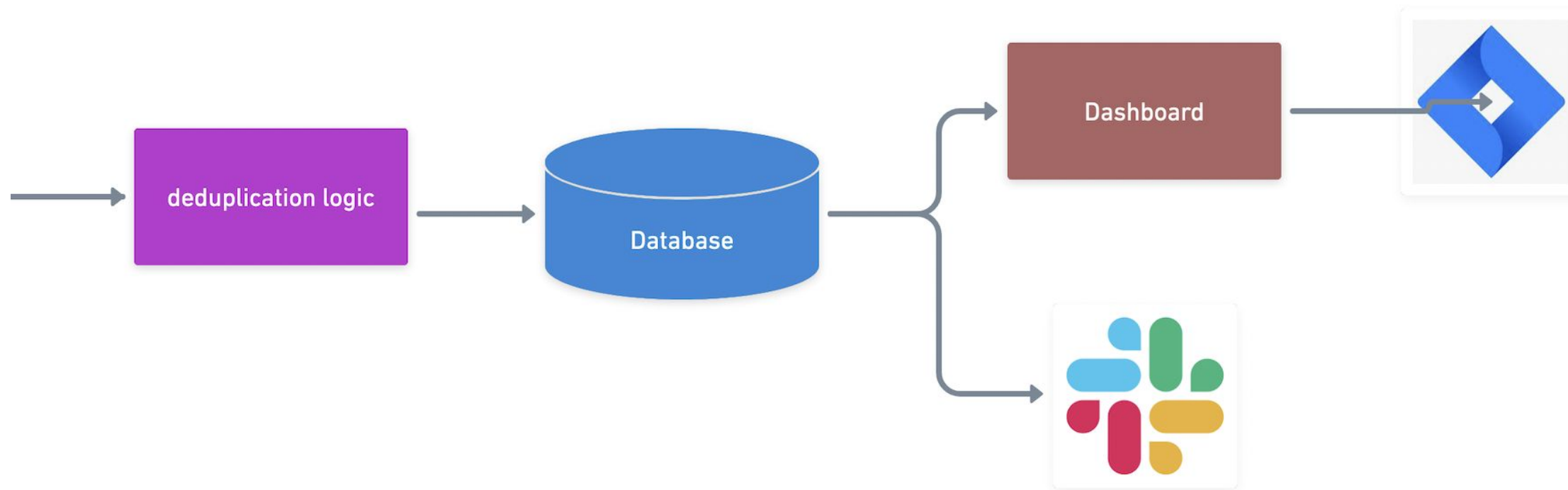
Initiation



Scanning



Enrichment



False Positives reduction

- Validation of active tokens and secrets
- Actively searching for publicly available exploits for identified CVEs
- Classify findings based on configurable CVSS scores to prioritise remotely exploitable CVEs.



Demo

Future Roadmap

- Introducing new verticals:
 - SBOM
 - Licence management
- Increase coverage for more languages
- Integration with VCS like github/gitlab
- One click automated patching of SCA issues.
- CI/CD integration

Thank You

<https://github.com/th3-j0k3r/Patronus>