CVE Scan

Easily & continuously monitor your Linux Common Vulnerabilities and Exposures

SBOM generation **Accurate CVE detection** **Annotation history**

CVE Scan is a command line tool, fully integrated in your Linux build process. It lists and classifies all known security vulnerabilities of a specific Linux system to simplify your team monitoring, patching & updating work.

CVE detection

- ☑ Fetch existing CVE from NIST and Ubuntu tracker database
- ☑ Include a meta-layer to extract a detailed SBOM
- ☑ Inventory white-listed CVE from Yocto recipes
- ☑ Analyze kernel configuration
- ☑ Advanced match on packages names & versions
- ☑ Advanced kernel fix commit detection and automated cherry picks

Automated & manual analysis

- ☑ JSON reports with CVE scoring & detailed information
- ☑ Manual annotations in web interface
- ☑ Annotation history

Maintenance process monitoring

- ☑ Integration in CI pipelines
- ☑ Customizable dashboards
- ☑ Connection to Jira

Free scan available

Accurate SBOM generation

CVE Scan contains a dedicated meta-layer to integrate in your Yocto configuration in charge of producing a SBOM (Software Bill of Materials) listing all the packages that your system contains down to the kernel configuration and patches level.

Match your maintenance schedule

CVE Scan allows you to fine tune the following durations:

- Duration between source updates
- Duration between Yocto builds
- Duration between CVE Scan runs

Compare CVE Scan with other vulnerability monitoring tools

Compare tools

The Embedded Kit

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Get a free scan