CVE Scan

Linux vulnerability scanner to secure your device, speed up compliance & minimize maintenance time

SBOM generation | Accurate CVE detection | Annotation history | Web UI

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

Vulnerability detection

- SBOM generation (Yocto, Buildroot, Debian, Zephyr...) ✅
- Support standard SBOM formats (cyclonedx, spdx) ✅
- Fetch existing CVE from NIST, OSV and Ubuntu tracker databases ✅
- Compare with your SBOM ✅
- Manage kernel configuration for Linux ✅
- Advanced kernel fix commit detection and automated cherry picks ✅

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.

Automated & manual analysis

- Automatic assessment using Git history available patches, CVE status ✅
- Detailed reports with CVE scoring & additional information ✅
- Manual annotations in web interface & history ✅
- User roles and permissions management ✅

Vigiles timesys | BLACKDUCK | cve-check yocto | CVE SCAN VULNERABILITY MONITORING

Compare CVE Scan with other vulnerability monitoring tools

Compare tools

Maintenance process monitoring

- Integration in CI pipelines ✅
- Web interface with customizable dashboards ✅
- Monitor CVE detection & resolution over time ✅

The Embedded Kit

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Try for free