4066 CVE

Vulnerable: 77 CVE
Non-vulnerable: 3989 CVE

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 ✓

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 ✓

Maintenance process monitoring

- Integration in CI pipelines ✓
- Team-friendly interface with customizable dashboards ✓
- Monitor CVE detection & resolution over time ✓

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.

Vigiles
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BLACK DUCK

cve-check
yocto PROJECT

V CVE SCAN
VULNERABILITY MONITORING

Compare CVE Scan with other vulnerability monitoring tools

Compare tools

▽ The Embedded Kit

contact@theembeddedkit.io

Try for free