



# Jacked Vulnerability Scanning

## Overview

Jacked is a fast and fully open-source vulnerability scanner designed to help developers identify and remediate security vulnerabilities in container images and local filesystem packages. It scans your applications based on their Software Bill of Materials (SBOM) to detect security risks and provides detailed recommendation steps. Jacked integrates seamlessly into your CI/CD pipelines, enabling continuous security throughout the development lifecycle.

## Key Features



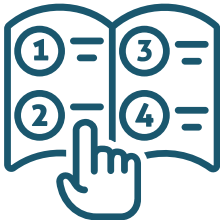
### High-Speed Vulnerability Scanning

- Quickly scans container images and local packages for known vulnerabilities.
- Supports multiple package managers including Alpine, APK, Deb, RPM, and more.



### **SBOM Integration**

- Utilizes SBOMs generated by tools like Diggity for comprehensive analysis.



### **Detailed Remediation Guidance**

- Provides actionable insights and detailed recommended fixes to identified vulnerabilities.



### **Continuous Integration**

- Easily integrates into CI/CD pipelines for automated vulnerability management.

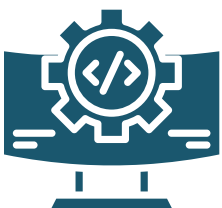
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## **Integration Capabilities**



### **CI/CD Pipelines**

- Compatible with Jenkins, Azure Pipelines and GitHub Actions.



### **Development Environments**

- Works with various development tools and workflows.
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# Benefits



## Proactive Security

- Identify and address vulnerabilities early in the development process.



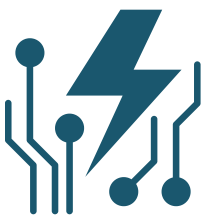
## Open-Source and Extensible

- Freely available for download and contribution.



## Developer-Friendly

- Provides clear remediation guidance to streamline the fixing process.

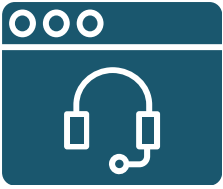


## Lightweight and Fast

- Optimized for speed to minimize impact on development workflows.

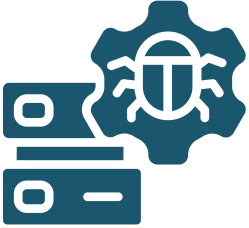
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# Technical Specifications



### Supported Package Types

- Alpine, APK, Deb, RPM, Java Archive (JAR), and more.



### Vulnerability Databases

- Scans against comprehensive databases like NVD (National Vulnerability Database).



### Platform Compatibility

- Runs on Windows, macOS, and Linux.

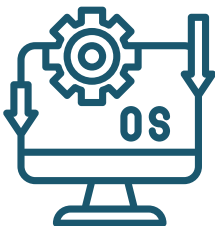


### Supported Formats

- VEX

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## System Requirements



### Operating System

- Windows, macOS, or Linux.



### Hardware Requirements

- Minimal system resources required.

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## Support and Services



### Community Support

- Access to forums, GitHub issues, and online documentation.



### Email Support

- Assistance available via [support@carbonetes.com](mailto:support@carbonetes.com).

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## Pricing

Free Open-Source Tool

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## Contact Information

- Website: [www.carbonetes.com](http://www.carbonetes.com)
- GitHub: [github.com/carbonetes/jacked](https://github.com/carbonetes/jacked)
- Support Email: [support@carbonetes.com](mailto:support@carbonetes.com)

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## About Carbonetes

Carbonetes is dedicated to providing effective security tools for the development community. Jacked helps developers proactively secure their applications by identifying and addressing vulnerabilities efficiently.

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# Diggity - Software Bill of Materials (SBOM) Generator

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## Overview

Diggity is an open-source tool that generates a comprehensive Software Bill of Materials (SBOM) for container images and filesystem directories. It provides detailed insights into your software's components, licenses, and dependencies, helping you maintain transparency, compliance, and security throughout your software supply chain.

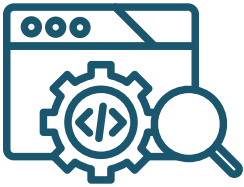
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# Key Features



## SBOM Generation

- Create detailed SBOMs for container images and local filesystem directories.
- Supports multiple package types and formats.



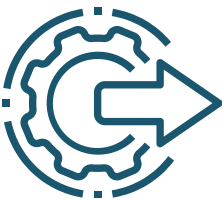
## License Analysis

- Identify software licenses used in your codebase to ensure compliance and avoid legal risks.



## Integration with Vulnerability Scanners

- Works seamlessly with tools like Jacked for vulnerability scanning based on the SBOM.



## Standardized Outputs

- Produces SBOMs in industry-standard formats such as CycloneDX and SPDX.

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# Integration Capabilities



### Development Environments

- Compatible with various development tools and workflows.

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## Benefits



### Transparency

- Gain a clear understanding of all components within your software.



### Compliance

- Ensure adherence to licensing requirements and avoid legal complications.



### Security

- Provides the foundational data for vulnerability scanning and security analysis.



### Open-Source and Extensible

- Freely available for download and contribution.
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# Technical Specifications



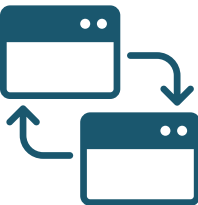
## Supported Package Types

- Alpine, APK, Deb, RPM, Java (JAR), and more.



## Supported Formats

- CycloneDX and SPDX for SBOM outputs.



## Platform Compatibility

- Runs on Windows, macOS, and Linux.

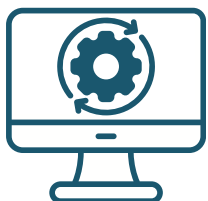
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# System Requirements



## Operating System

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## Hardware Requirements

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## About Carbonetes

Carbonetes focuses on enhancing software security through innovative tools. Diggity empowers developers and organizations to maintain transparency and compliance in their software development processes.

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# BrainIAC

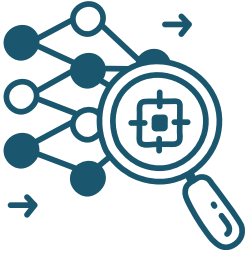
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## Overview

BrainIAC is an open-source tool that performs static analysis of Infrastructure as Code (IaC) configurations, specifically focusing on Terraform scripts. It evaluates your IaC configurations against industry standards and best practices to ensure they are secure, compliant, and optimized. BrainIAC helps you detect potential misconfigurations and security issues before deployment.

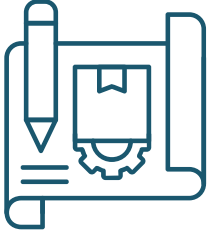
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## Key Features



### **IaC Static Analysis**

- Scans Terraform, Kubernetes, Docker, CloudFormation and ARM template scripts for security vulnerabilities and misconfigurations.



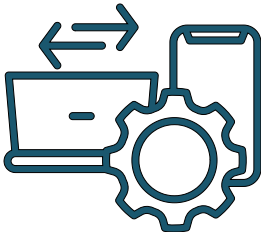
### **Best Practices Enforcement**

- Checks configurations against established best practices and industry standards.



### **Policy Compliance**

- Ensures your IaC scripts comply with organizational and regulatory policies.



### **Cross-Platform Compatibility**

- Validates configurations for compatibility with major cloud providers, including Oracle Cloud Infrastructure (OCI), AWS, Azure, and Google Cloud and more.

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## **Integration Capabilities**



### **Development Environments**

- Compatible with various development tools and editors.

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## Benefits



### Secure Infrastructure Deployment

- Identify and fix security issues in IaC scripts before deployment.



### Compliance Assurance

- Maintain compliance with cloud provider policies and regulations.



### Open-Source and Extensible

- Freely available for download and contribution.



### Oracle Cloud Integration

- Supports OCI Terraform rules and integrates with Oracle Cloud services.

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## Technical Specifications



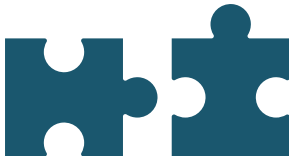
### Supported IaC Tools

- Primarily supports Terraform, Kubernetes, Docker, CloudFormation and ARM template scripts and more.



### Policy Frameworks

- Can be configured with custom policies and rules.

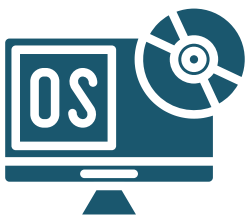


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compliant before deployment.

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