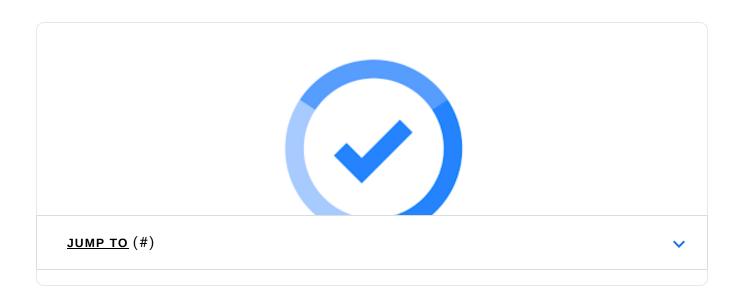# Assured Open Source Software

packages that Google uses and secures in your own developer workflows.

Get started (https://developers.google.com/assured-oss?utm_source=CGC&utm_medium=referral#get-started)

✓ Obtain your OSS packages from a trusted and known supplier

✓ Know more about your ingredients from Assured SBOMs, provided in industry standard formats

✓ Reduce risk with Google actively finding and fixing vulnerabilities in packages

✓ Increase confidence in the integrity of the packages through signed, tamper-evident provenance

✓ Choose from 1000+ curated Java and Python packages including ML/AI projects like TensorFlow

BENEFITS

## Improve security

Leverage Google's end-to-end capabilities and expertise to address the emerging threats to the software supply chain.

## Increase efficiency

Reduce the need for your DevOps teams to establish and operate OSS security workflows.

## Address compliance

Accelerate your business's ability to meet new software supply chain security regulatory requirements.

KEY FEATURES

# Key features

SLSA-2 compliant builds

Packages are built with Cloud Build, (https://cloud.google.com/build) including evidence of verifiable SLSA-compliance (https://cloud.google.com/blog/products/application-development/google-introduces-slsa-framework). We provide three levels of package assurance: level 1, built and signed by Google, level 2, securely built from vetted sources, and attested to all transitive dependencies, and level 3, including transitive closure of all dependencies and continuously scanned and fuzzed.

Enriched metadata in standard formats

(https://cloud.google.com/build), Artifact Analysis (https://cloud.google.com/artifact-registry/docs/analysis), package health, and vulnerability impact data, provided in SPDX and VEX formats.

### Fuzzing and vulnerability testing

Packages include OSV data (https://osv.dev/) and are regularly scanned, analyzed, and fuzz-tested for vulnerabilities.

### Verifiable integrity and provenance plus secured distribution

Packages and metadata include end-to-end provenance of how the packages were built and tested.

Signed versions of the packages and their metadata are distributed from a Google-managed, secured, and protected Artifact Registry (https://cloud.google.com/artifact-registry).

### Ongoing portfolio expansion

New packages are added on an ongoing basis based on the open source projects that impact our customers.

## Check out the third-most-viewed Security Talks session: Managing Open Source Software Security

**Watch the session**

(https://cloudonair.withgoogle.com/events/2023-emea-security-talks?talk=na-talk-4)

citi®

"Citi has been an advocate and active leader in the industry's efforts to secure enterprise software supply chains. Both Citi and Google see untrusted and unverified open source dependencies as a key risk vector. This is why we've been excited to be an early adopter of Google Cloud's new Assured OSS product. It can help reduce risk and protect OSS components commonly used by enterprises like us."

Jon Meadows, Managing Director, Citi Tech Fellow - Cyber Security

WHAT'S NEW

# Recommended reading

BLOG POST                          (https://cloud.google.com/blog/products/identity-security/google-cloud-assured-open-source-software-service-now-ga)

>

[Google Cloud Assured Open
Source Software service is now](#)

# Documentation

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### Get started

Start using Assured OSS by getting a service account, enabling the service, and then validating the connection.

**Learn more** (https://cloud.google.com/assured-open-source-software/docs/service-account-creation)

**QUICKSTART**

### Supported Java and Python packages

View all the current packages supported in the Assured OSS portfolio.

**Learn more** (https://cloud.google.com/assured-open-source-software/docs/supported-packages)

**TUTORIAL**

### Connect Assured OSS to your CI/CD pipeline

Get options and instructions to integrate Assured OSS with popular repository managers Artifact Registry, Artifactory, and Nexus; or directly to your config scripts.

**Learn more** (https://cloud.google.com/assured-open-source-software/docs/remote-repository-access)

### Review the enriched metadata

Access key metadata including SPDX, VEX, package health, and license information.

**Learn more** (https://cloud.google.com/assured-open-source-software/docs/access-metadata-using-cloud-storage)

GOOGLE CLOUD BASICS

### Software Delivery Shield

Enhance software supply chain security across the entire SDLC—from development, supply, and CI/CD to runtimes—with our fully managed, end-to-end solution.

**Learn more** (https://cloud.google.com/solutions/software-supply-chain-security)

GOOGLE CLOUD BASICS

### Protect your software supply chain

Learn best practices that help protect your software across processes and systems in your software supply chain.

**Learn more** (https://cloud.google.com/software-supply-chain-security/docs/practices)

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| View all product documentation | (https://cloud.google.com/assured-open-source-software/docs) |
| --- | --- |

PRICING

# Pricing

Assured OSS is available at no cost.

## Take the next step

Start building on Google Cloud with $300 in free credits and 20+ always free products.

**Get started for free** (https://console.cloud.google.com/freetrial)

**Need help getting started?**

**Contact sales**  (https://cloud.google.com/contact/)

**Work with a trusted partner**

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