Secure Containers

Datasheet

SIGHUP Secure Containers is a collection of **maintained and hardened enterprise-grade OCI Images** for your development and infrastructure teams to use and run in every stage of your development and release cycle. It is specifically designed to meet the security needs of organizations that rely on containers for their micro-services development and cloud-native operations.

KEY FEATURES

Up-to-date

Hardened

Rootless

Prometheus-friendly
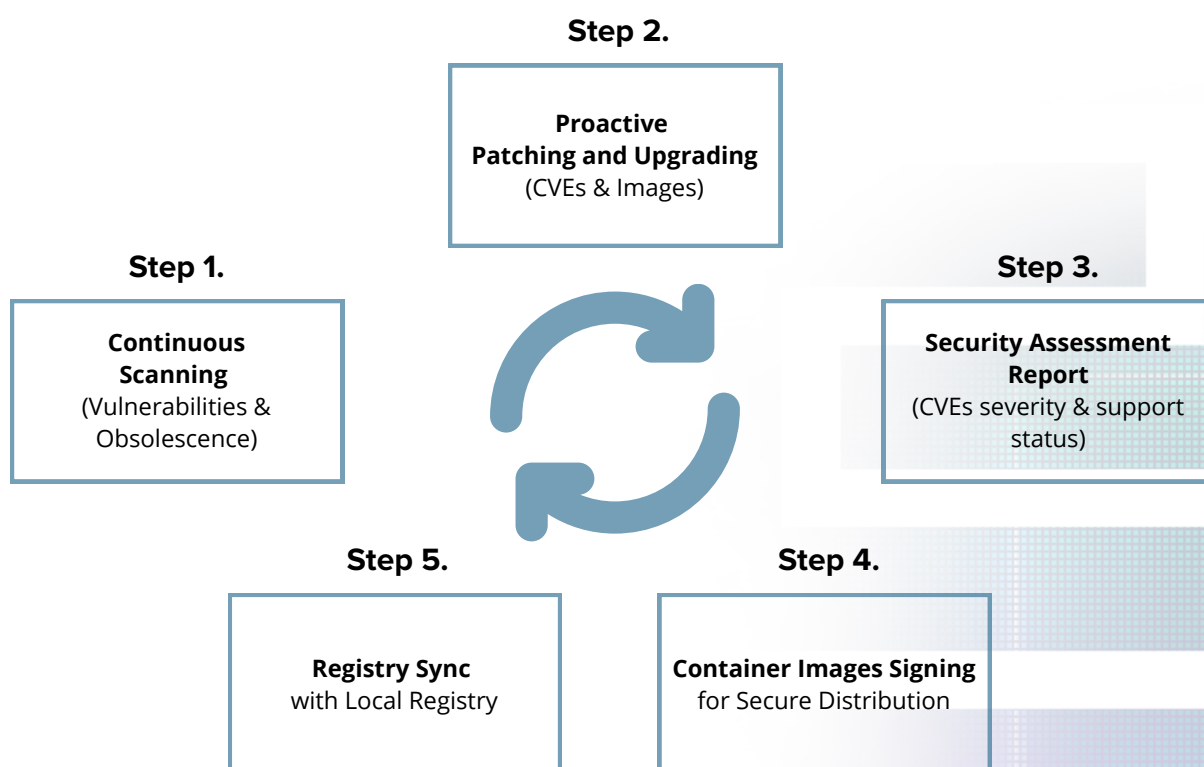
Quick-start examples

Weekly reports

Daily security scans

At-hand Support

SECURE CONTAINERS PROCESS

Step 2.

**Proactive
Patching and Upgrading**
(CVEs & Images)

Step 1.

**Continuous
Scanning**
(Vulnerabilities &
Obsolescence)

Step 3.

**Security Assessment
Report**
(CVEs severity & support
status)

Step 5.

Registry Sync
with Local Registry

Step 4.

Container Images Signing
for Secure Distribution

SIGHUP

MAIN BENEFITS

Our main goal is **lifting the burden of your everyday operations** so that you can focus on what's really important: your core business. Leave the maintenance of your base container images to our bots and engineers, and spend time and energy where it really matters, we got you covered.

Delegate the burden of maintaining your own base images

Keeping your Docker containers secure can be a daunting and time-consuming task.
We do recognize it can be difficult to stay on top of everything, and that's why we are here to help: our team of experts can take the burden of maintaining base images off your shoulders, while you concentrate on you core business.
Thanks to our mix of automated solutions and human oversight, we can ensure your images are always up-to-date and secure.

Stay on top of important information on a weekly basis

We provide our customers with a weekly summary of the most important changes and updates.
Our summaries include detailed descriptions of new releases and deprecations, as well as end-of-life and support reports, to help you plan your future updates in due time.

The convenience of Docker official images, the safety of a curated catalog

Docker official images are a great starting point for your projects as they provide a convenient, well-documented, and well-tested base for your applications.
Unfortunately they are also a great starting point for attackers, as they are often based on outdated operating system packages that are known to contain security vulnerabilities.
SIGHUP Secure Containers give you the best of both worlds: a convenient starting point for your projects, and a secure base for your applications.

Get a number of other benefits such as preconfigured Prometheus exporters, rootless variants, and a library of examples

Our images are opinionated, but we believe that this is a good thing.
We have preconfigured Prometheus exporters, rootless variants, and a library of examples to help you get off the ground quickly.

Rest assured our support team is there to help you, always

We have a dedicated support team that is there to help you with any issues you might encounter, and to provide assistance for any questions you might have.

SIGHUP

PROJECT HIGHLIGHTS

We understand the importance of security and compliance in today's digital landscape, and we are committed to providing our clients with the best-in-class security features and support when it comes to running containers in production that are both secured and maintained. In this section, the key **benefits**, **features**, and **highlights** of our **Secure Containers service** and how it will help you keep your containerized applications secure and compliant.

Comprehensive container catalog

Secure Containers supports a comprehensive list of popular software stacks and open-source projects with an ever-growing catalog of supported container images. Keep track of changes, and support new mission-critical containers thanks to our ever-evolving supported list of available images.

Proactively patched against all known CVEs and vulnerabilities

Secure Containers are continuously scanned and proactively patched weekly against known vulnerabilities and CVEs. Let our engineers step in and do the heavy lifting of keeping your containers patched and updated against the most critical known CVEs so that you can focus on doing what matters to you: developing and maintaining business-critical services with the peace of mind that your application teams will be using containers that are backed by cloud-native experts.

Best of both worlds: innovation of OSS, security of Enterprise-grade

Get the flexibility and standardization of upstream container images, matched with the stability and security of enterprise-grade technology.

Planned Obsolescence with clear support status and notifications

Get weekly security and support status reports (including end-of-life dates) on all the containers in our registry catalog so your organization and teams can plan for obsolescence and run supported and maintained versions.

Best-in-class support and clear SLAs

Get access to our world-class engineering team to provide support on bugs, issues, and best practices when using Secure Containers within your applications.

Beyond security

Not just CVEs but also pre-bundled metrics, exporters, and configurations - our Secure Containers will ship with best-in-class defaults and exporters for your applications so that they will automatically integrate with your observability and security tools.

Simple, predictable pricing

We are committed to providing you with the most straightforward and predictable pricing, with flat usage fees for peace of mind adoption and multi-year contracts. No surprises, reserved usage, and no unpredictable renewals beyond year-1.

≡ SIGHUP

CATALOG

SIGHUP Secure Containers supports most major software development platforms and open-source projects- Our catalog is constantly kept up-to-date, and new images are added on a regular basis. If you don't find an image you're interested down below, feel free to get in touch and we will evaluate the possibility to add it to the list of our supported ones.

NAME	DESCRIPTION
Dotnet Core	An open-source, cross-platform framework for building modern apps, supporting Windows, Linux and macOS, and optimized for cloud and microservices.
Elixir	A functional, concurrent programming language built on the Erlang VM. It is designed for building scalable, fault-tolerant systems and emphasizes developer productivity and code maintainability. It also has an elegant syntax, inspired by Ruby, and a powerful macro system.
Erlang	A language designed for building concurrent, distributed, and fault-tolerant systems, developed by Ericsson, used in various industries, with built-in garbage collector and lightweight processes for concurrency.
Gradle	A build automation tool for Java and JVM-based languages, using a Groovy-based DSL, customizable and extensible, with support for incremental builds for better performance.
Maven	A build automation tool for Java projects, using an XML file to manage dependencies, settings, and plugins, following a convention-over-configuration approach for easier and efficient builds.
OpenJDK	An open-source, free version of the Java SE Platform, compatible with the Oracle JDK, widely used, and maintained by the Java community, and supported by companies like Red Hat, IBM, and Oracle.
Tomcat	An open-source web server and servlet container for Java-based web apps, implementing Java Servlet, JSP, and EL specifications, providing "pure Java" HTTP environment, widely used and popular for building and deploying Java web apps.
Node.js	An open-source, cross-platform back-end JavaScript runtime, allowing developers to use JavaScript on the server-side for building fast, scalable, high-performance network apps using event-driven, non-blocking I/O model.
PHP	A server-side scripting language well-suited for web development, embedded in HTML, used with various web systems, frameworks, and popular for creating dynamic web pages, e-commerce sites, blogs, and content management systems.
Python	A high-level, interpreted language widely used for web development, scientific computing, data analysis, AI, with simple and easy-to-learn syntax, supporting multiple programming paradigms, with a large and active community providing a wealth of libraries and frameworks.

SIGHUP

HOW IT WORKS

SIGHUP Secure Containers gives your teams the ability to pick stable, secure, up-to-date, enterprise-grade images ready to use for a large set of workloads across all your environments, from development to production.

Upon subscribing, you will **gain access to our comprehensive solution**, which includes:

- **An OCI Registry** from where all our images can be pulled
- **A detailed Wiki** that includes image metadata, usage, signature verification instructions, and the results of daily scans conducted on all our images
- **An efficient support system** to facilitate seamless communication with our dedicated support team for assistance or to report any bugs
- **An exhaustive library of examples** to accelerate your onboarding process and streamline your development efforts
- **Weekly reports** with the support status for each maintained container image. Get clear visibility and plan for End-of-Life on your used container images.

FREQUENTLY ASKED QUESTIONS

Will I be able to get more users or downloads should I need them?

Absolutely. You can add more users or downloads at any time. Please refer to your Account Executive should you have any questions.

How will I be notified if I am close to my contract limits?

We will take care of notifying you when you are close to your contract limits, taking special care to ensure that you are not surprised by any overages.

How will I be informed of new releases, deprecations, and other important information?

We will send you important information via email, including a weekly report and new releases and deprecations notices as soon as they are available.

### Do I need my own container registry to use the service?

Yes, you will need your own container registry to use the service in order to redistribute our images, and sync with it once a day.

How do I get support for using the images or if I encounter any issues?

You can write all your techincal questions to support@sighup.io any time. On top of that, we will provide you with a dedicated Account Executive who will be your point of contact for any questions or issues you may have.

FREE TRIAL

Get in touch and receive a free, one month trial of the service, no strings attached. We will be there to help you getting started and answer all your questions.

USEFUL LINKS
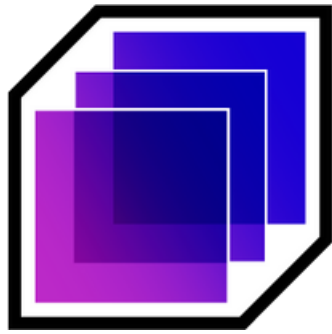
- Website: https://sighup.io/secure-containers/
- Support portal: https://support.sighup.io/
- Support contact email: support@sighup.io

SIGHUP

SIGHUP is a world-renewed cloud-native engineering organization, and an Open Source Software Vendor focused on the development and automation of enterprise-grade IT infrastructure based on Open Source and Cloud Native technologies.

sighup.io