Red Hat

Natale Vinto

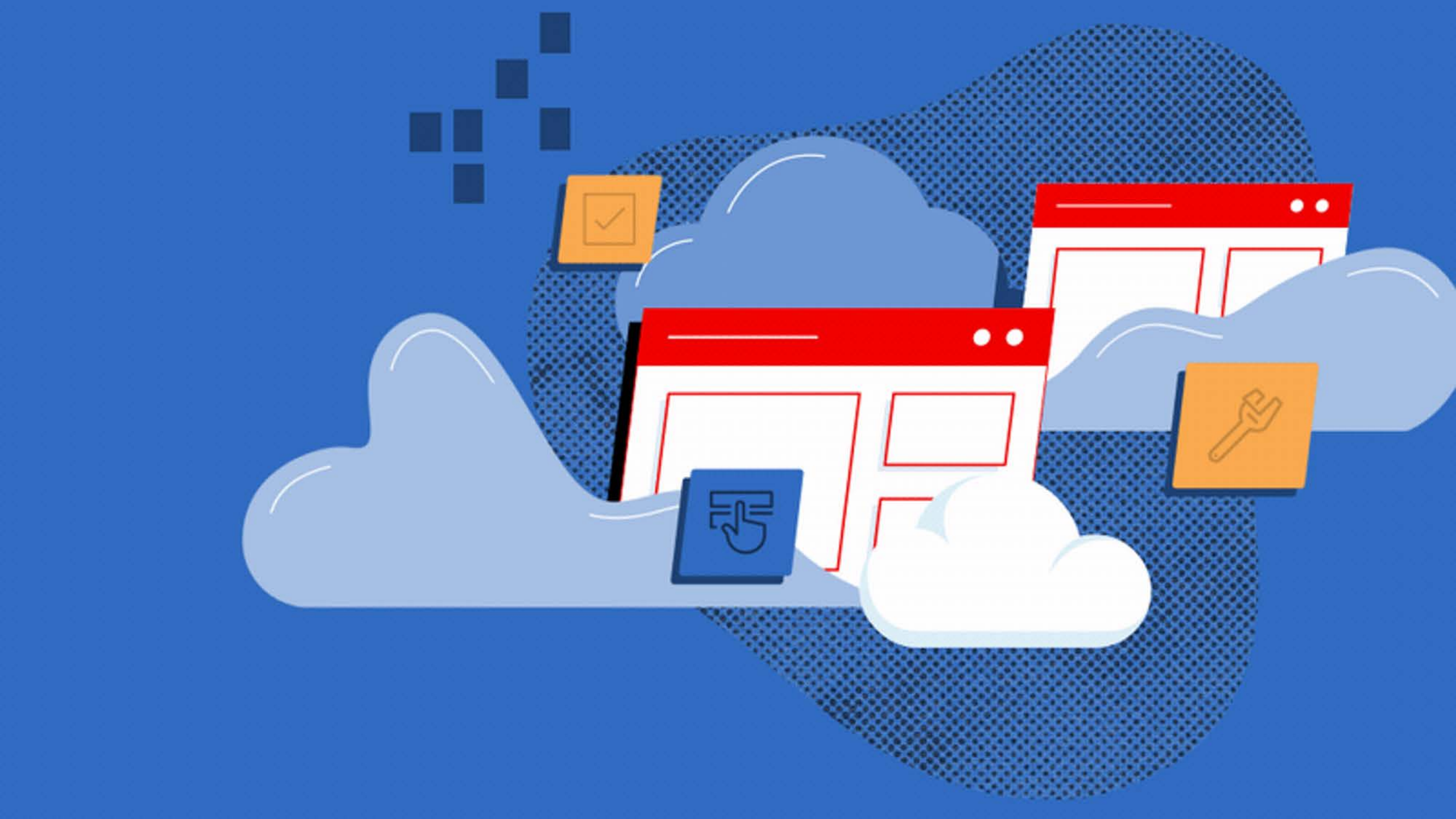
Senior Manager, Developer Advocates

Red Hat Summit

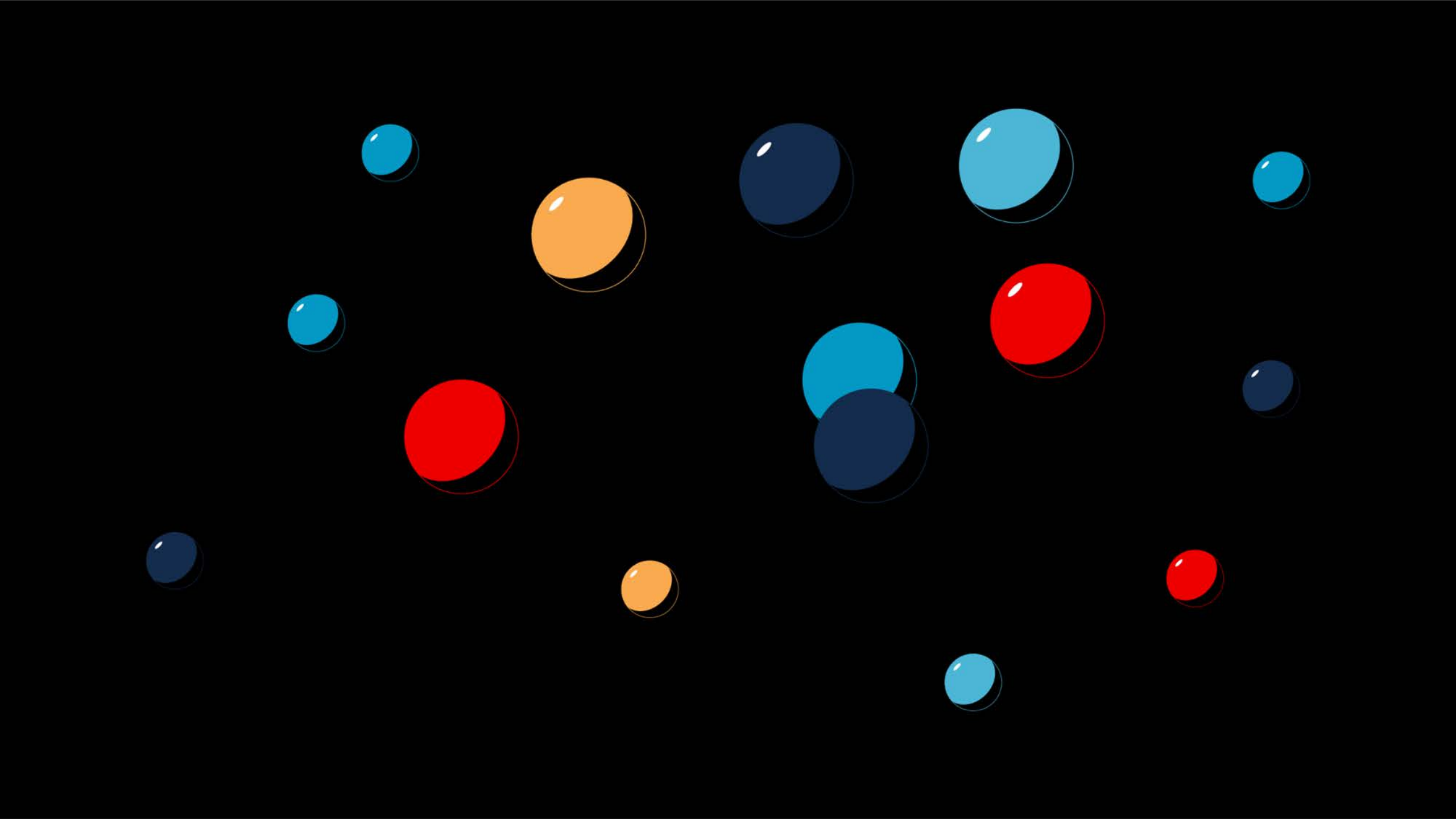
Connect

DevOps experience

Red Hat



platform engineering



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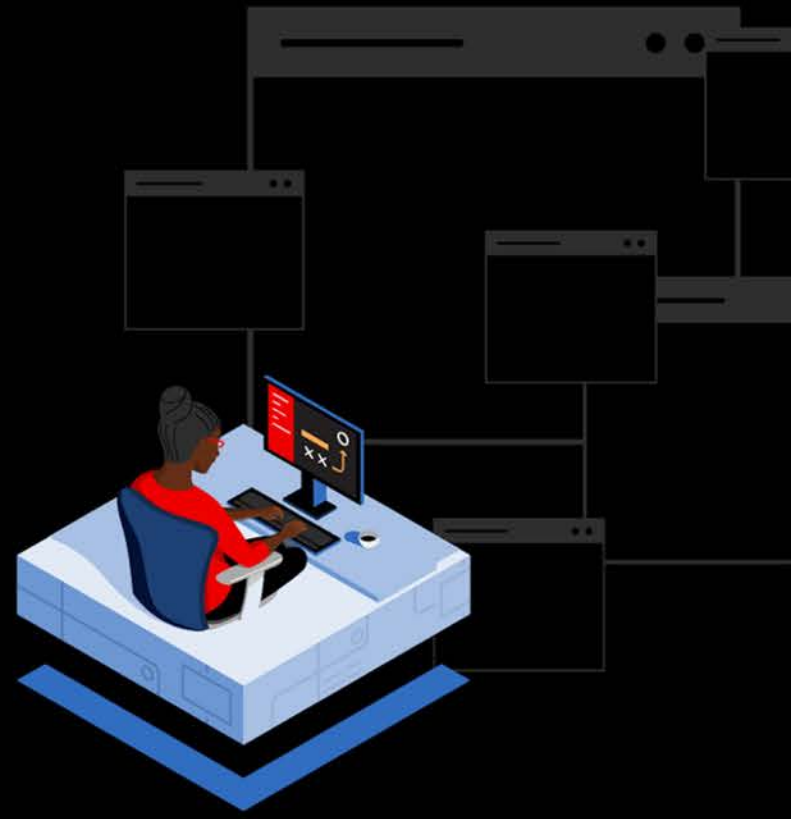


of organizations say the **cognitive load** for developers is too high

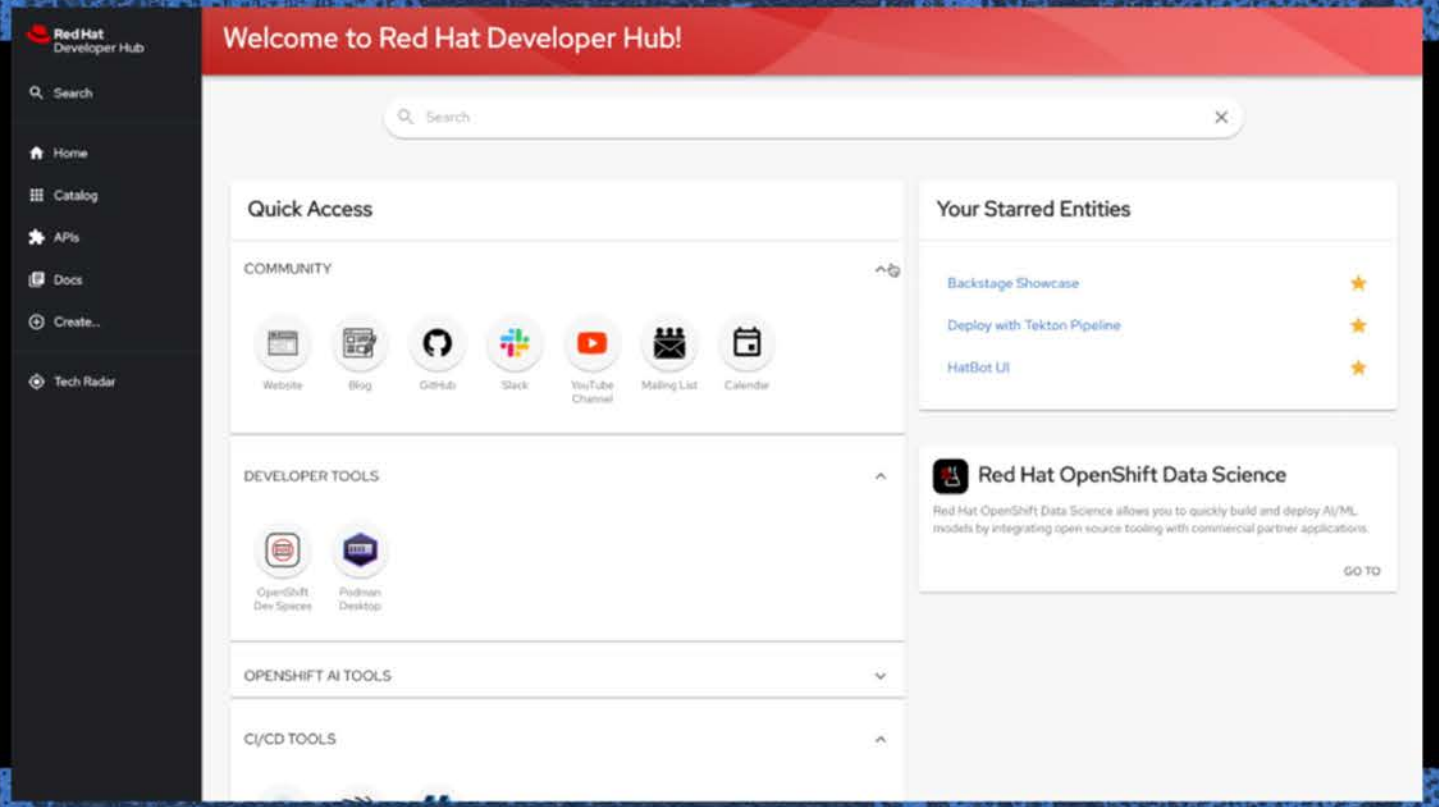
Source:

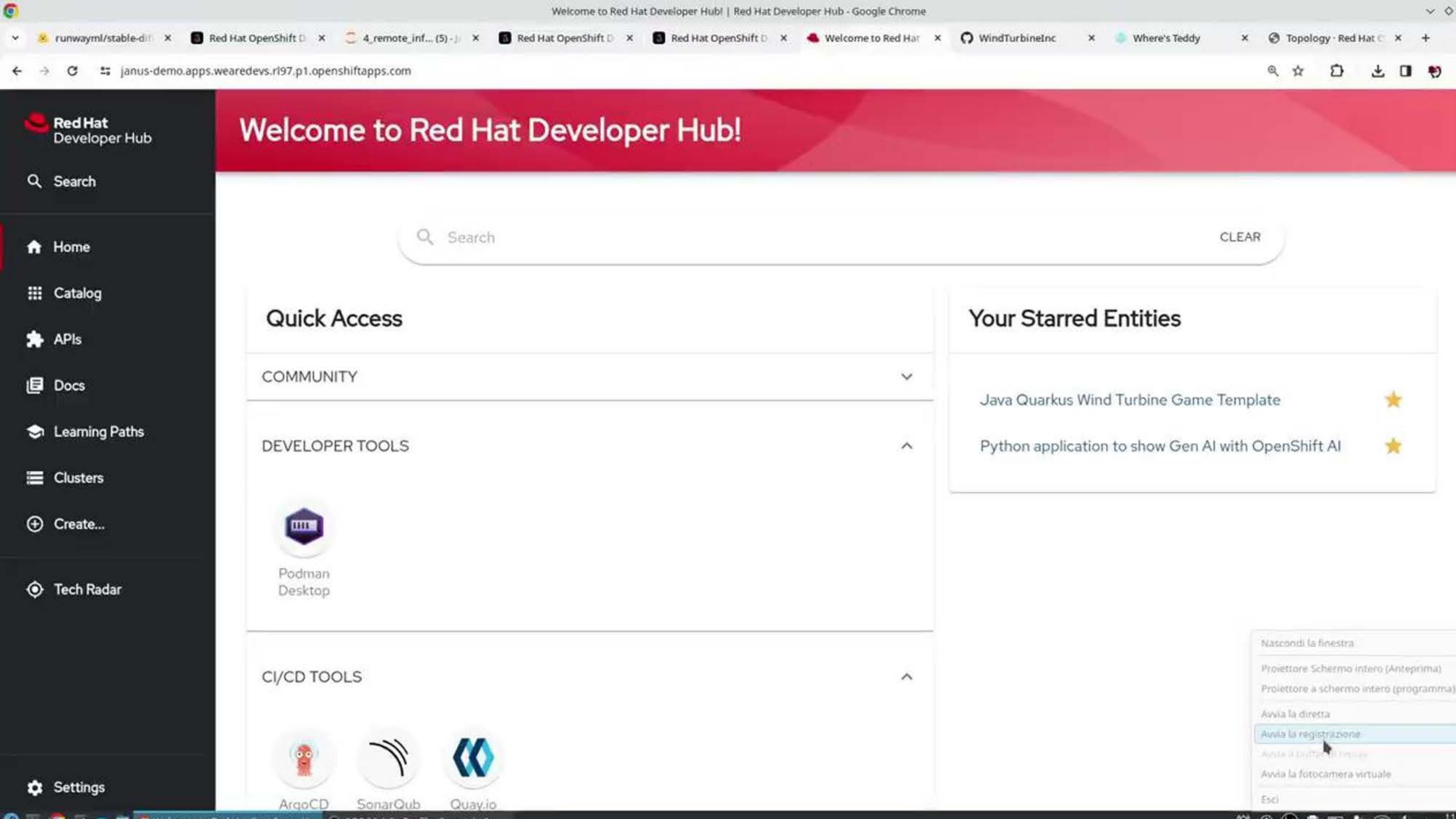
"New Research Shows How to Keep Developers Happy Amid the 'Great Resignation'," Salesforce, Apr. 2022.

Red Hat Plug-ins for Backstage

Backstage

Red Hat Developer Hub

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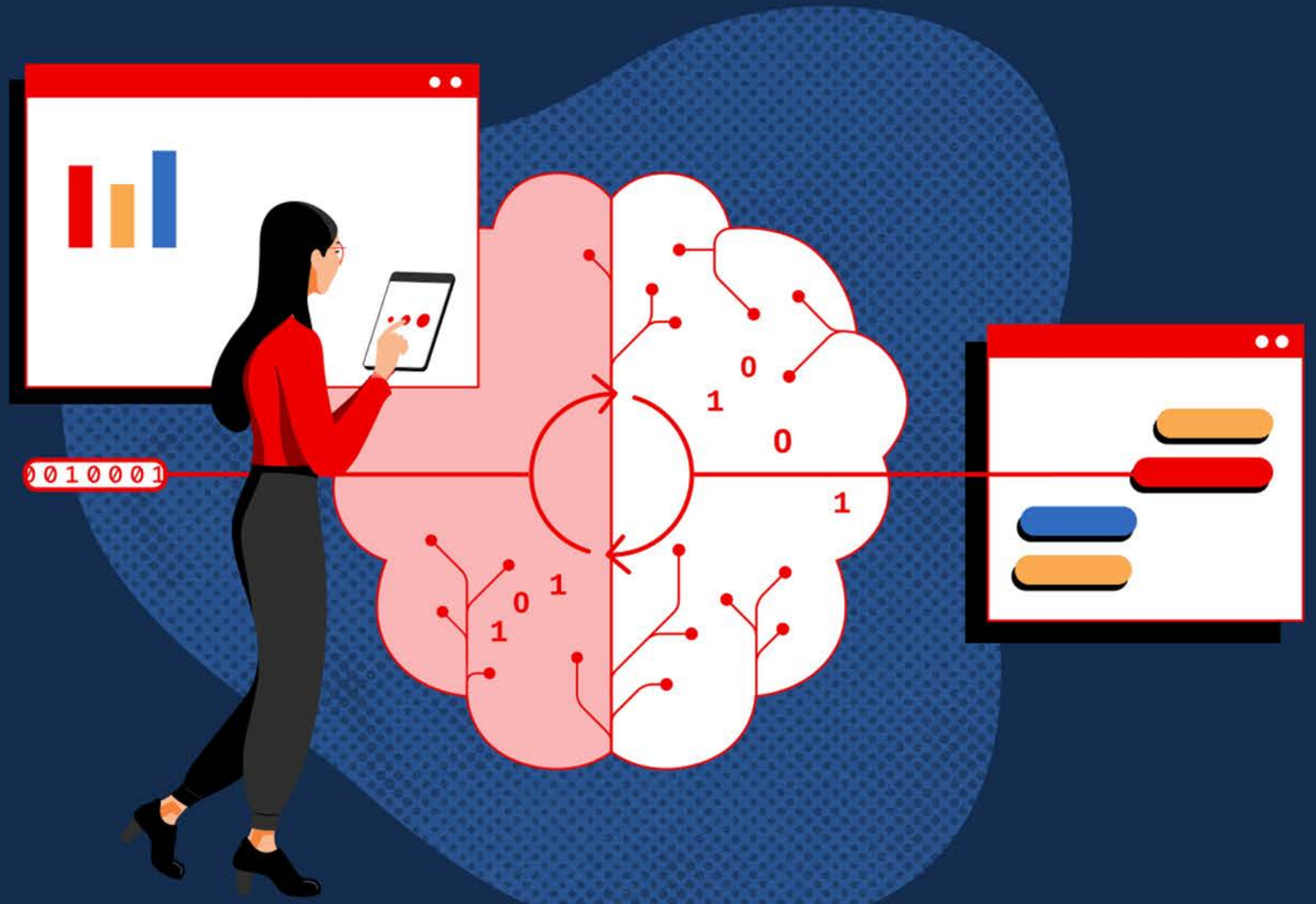
Java Quarkus Wind Turbine Game Template
Python application to show Gen AI with OpenShift AI
Nascondi la finestra
Proiettore Schermo intero (Anteprima)
Proiettore a schermo intero (programma)
Avvia la diretta
Avvia la registrazione
Avvia la fotocamera virtuale
Esci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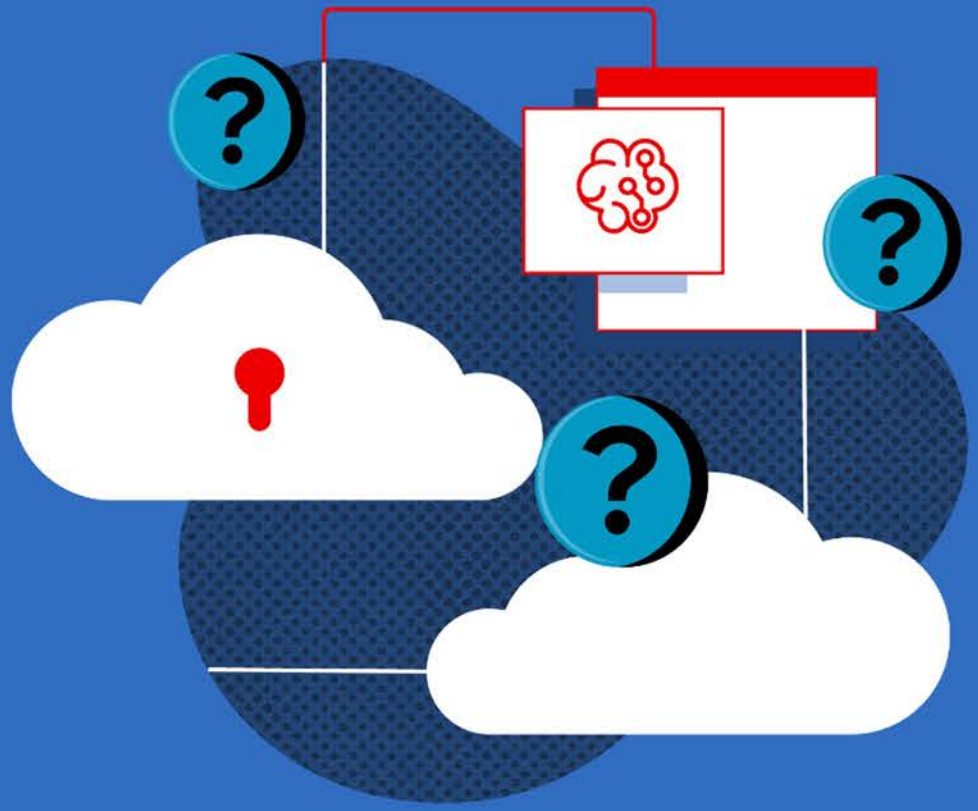
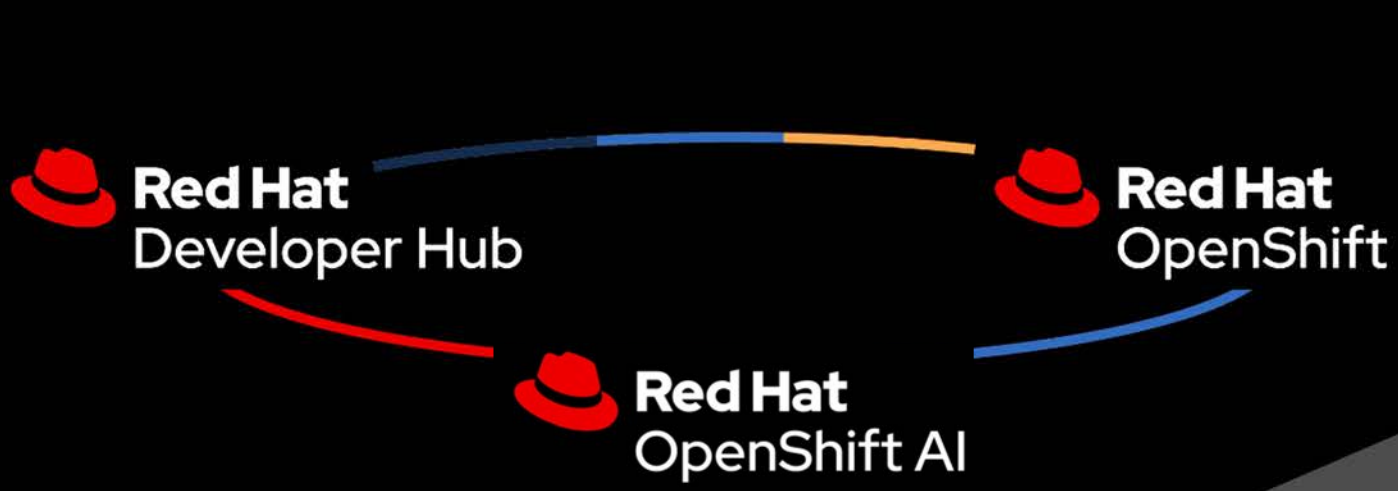


Red Hat OpenShift AI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Developer Hub
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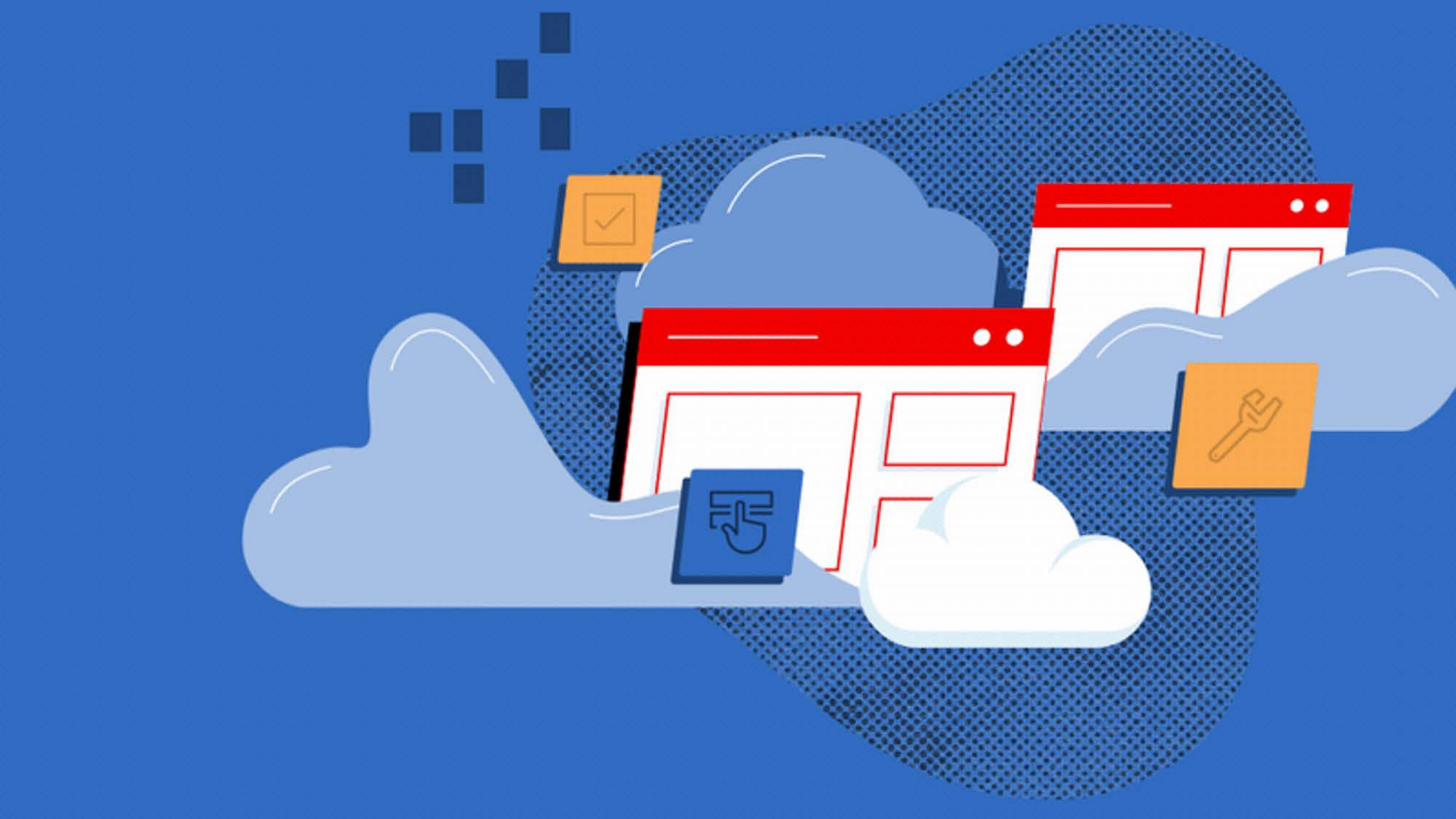
OpenShift
Red Hat
OpenShift AI



runwayml / stable-diffusion-v1-5

like 9.56k

Text-to-Image | Diffusers | StableDiffusionPipeline | stable-diffusion | stable-diffusion-diffusers | Inference Endpoints | arxiv:2207.12598 | arxiv:2112.10752 | arxiv:2103.00020 | arxiv:2205.11487 | arxiv:1910.09700 | License: creativeml-openrail-m

Edit model card

Stable Diffusion v1-5 Model Card

Stable Diffusion is a latent text-to-image diffusion model capable of generating photo-realistic images given any text input. For more information about how Stable Diffusion functions, please have a look at 🤗's Stable Diffusion blog.

The **Stable-Diffusion-v1-5** checkpoint was initialized with the weights of the Stable-Diffusion-v1-2 checkpoint and subsequently fine-tuned on 595k steps at resolution 512x512 on "laion-aesthetics v2 5+" and 10% dropping of the text-conditioning to improve classifier-free guidance sampling.

You can use this both with the 🧨Diffusers library and the RunwayML GitHub

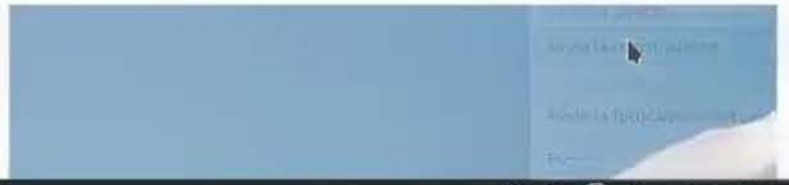
Downloads last month
7,713,151

Inference API

Text-to-Image

photo of snow capped mountains | Compute

Computation time on gpu: 6.480 s



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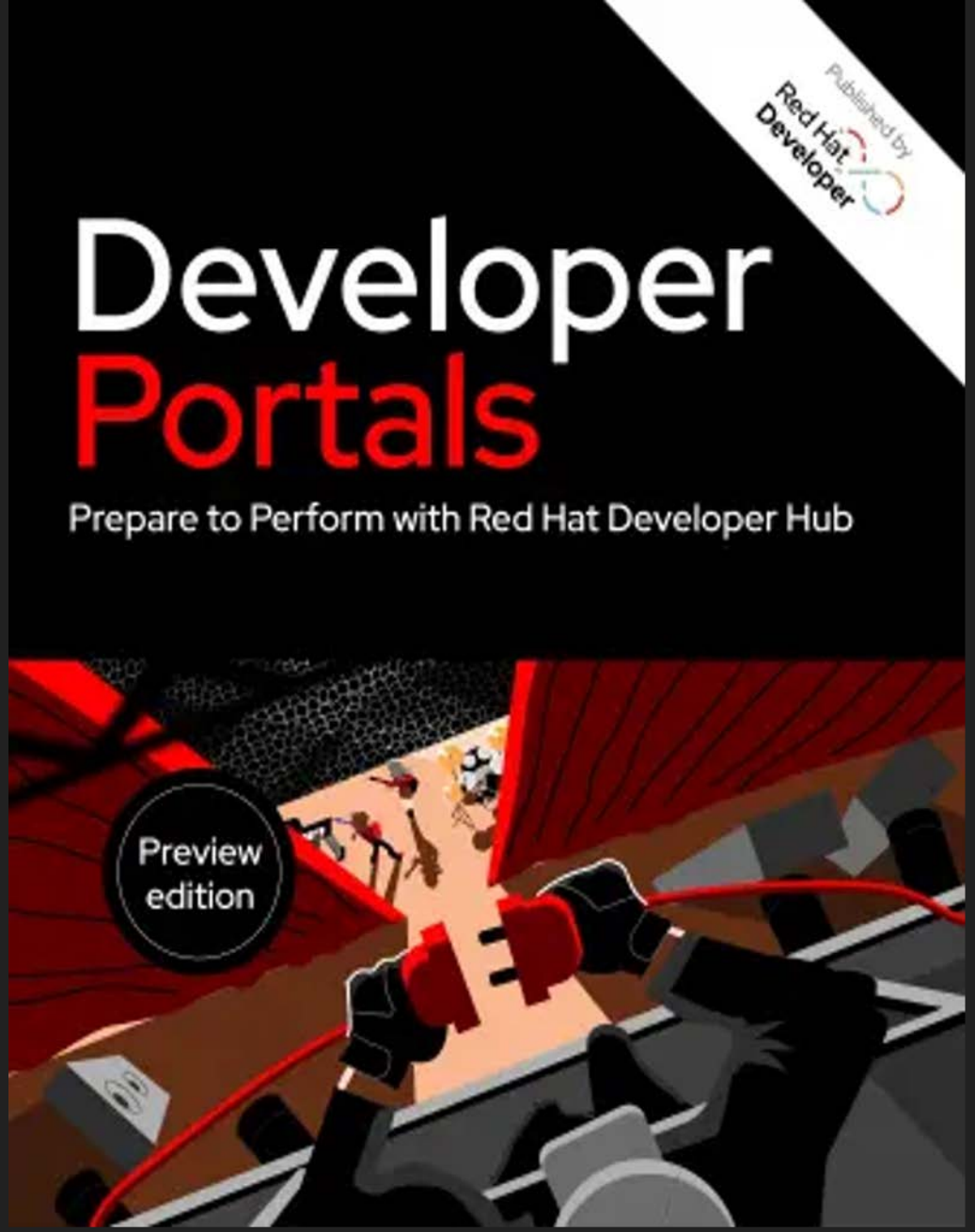

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Red Hat Summit

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Security experience

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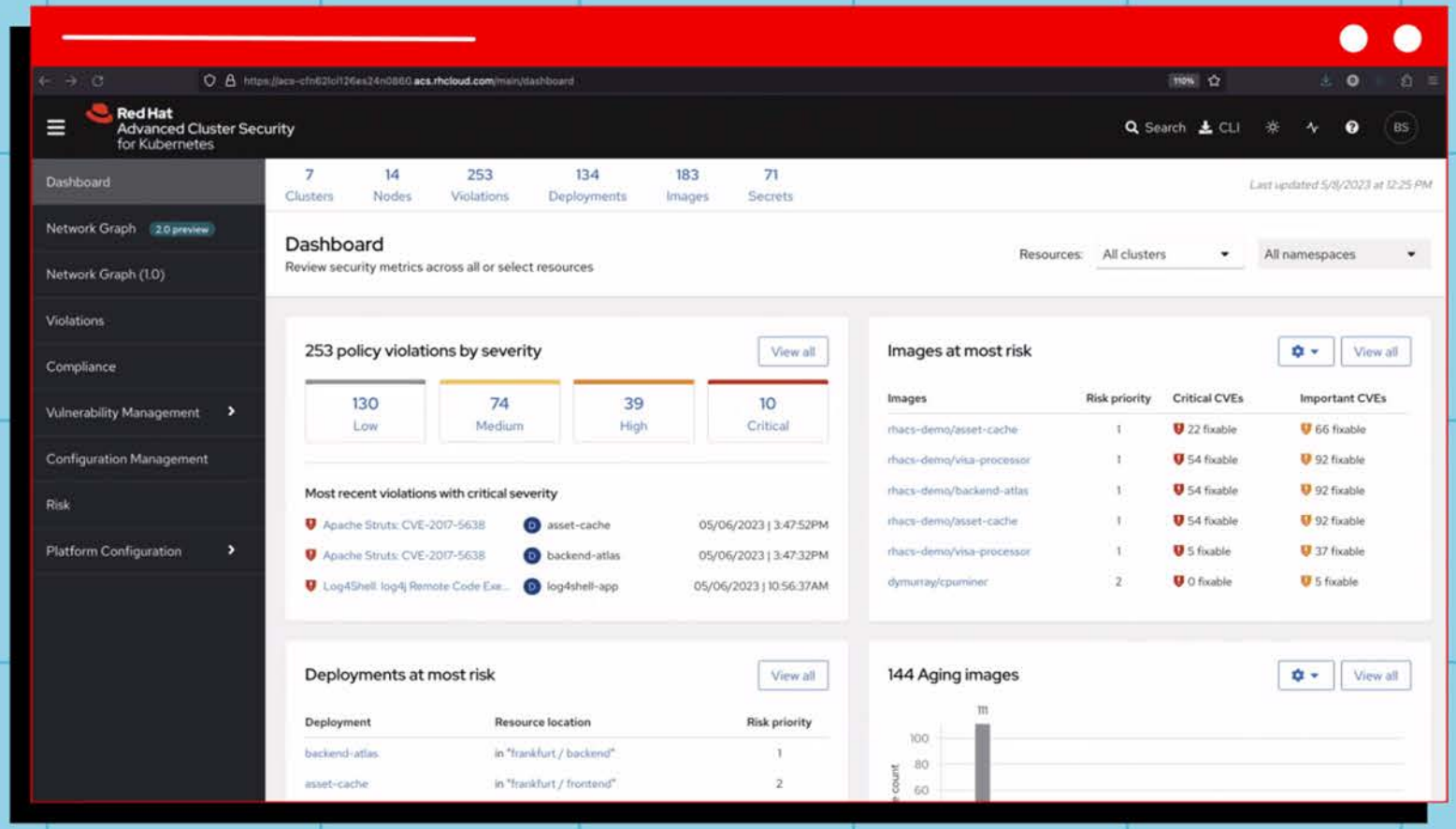
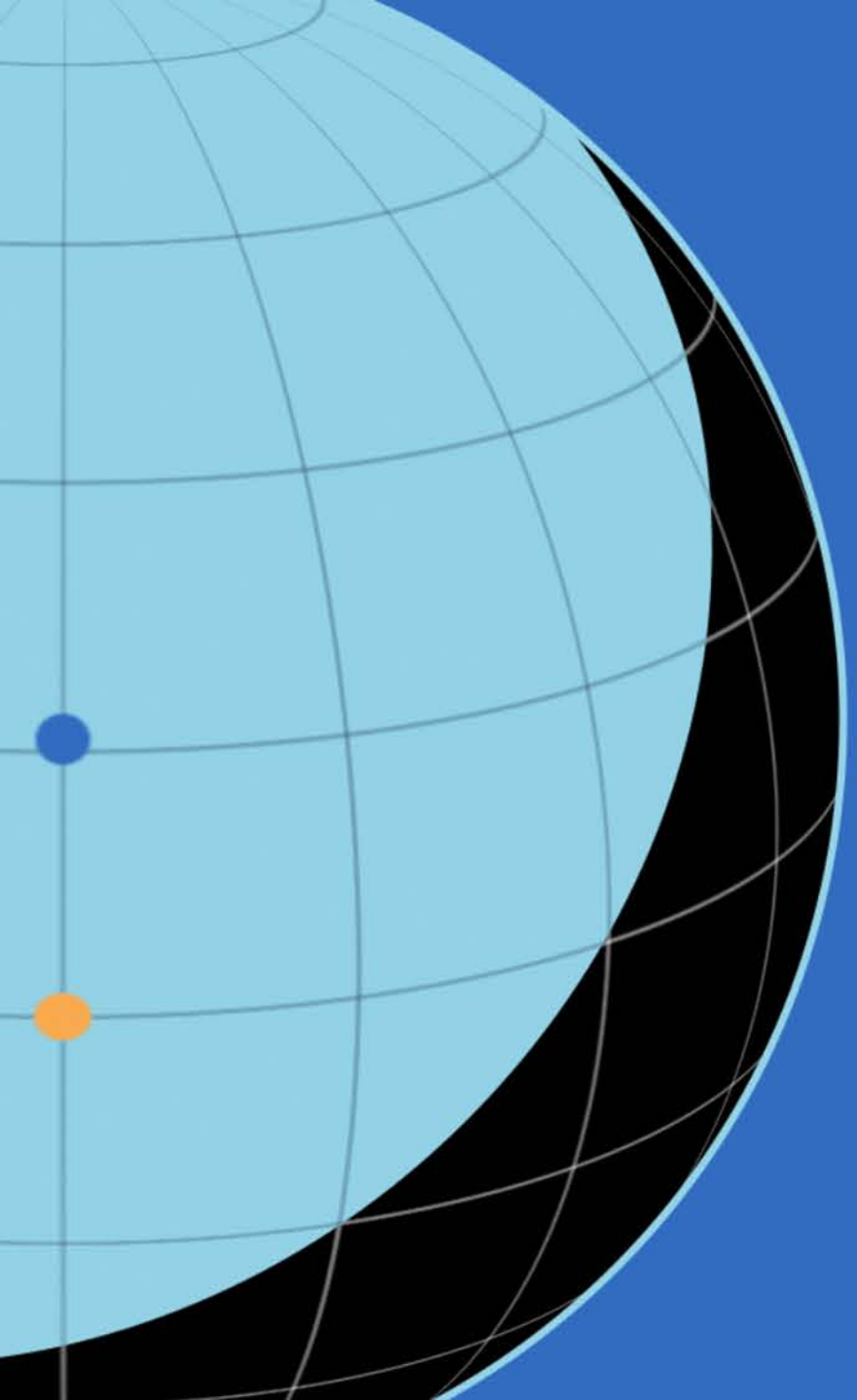
Advanced Cluster
Security Cloud Service





Mitigate risk and manage security

Resilience to vulnerabilities

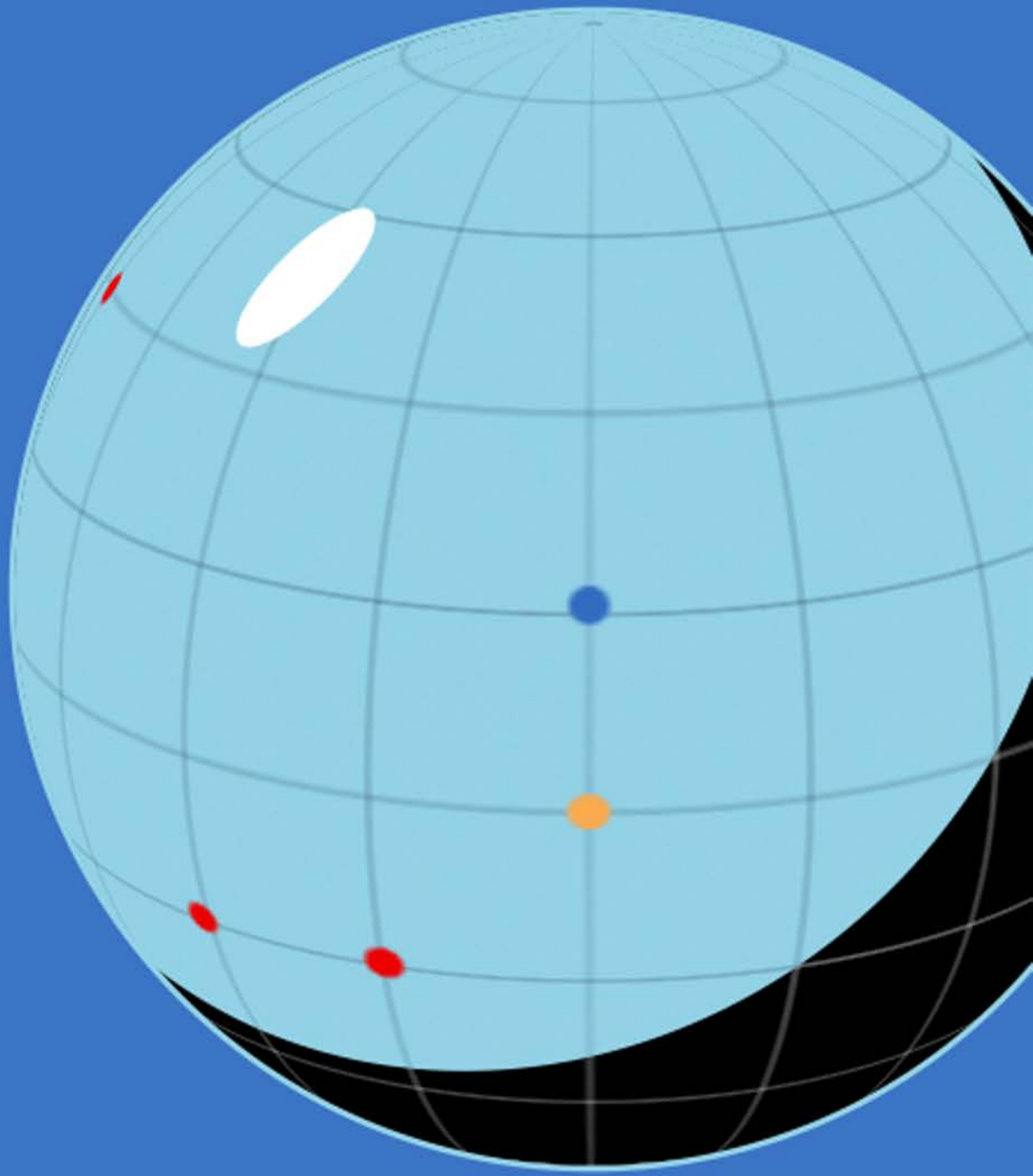
742%

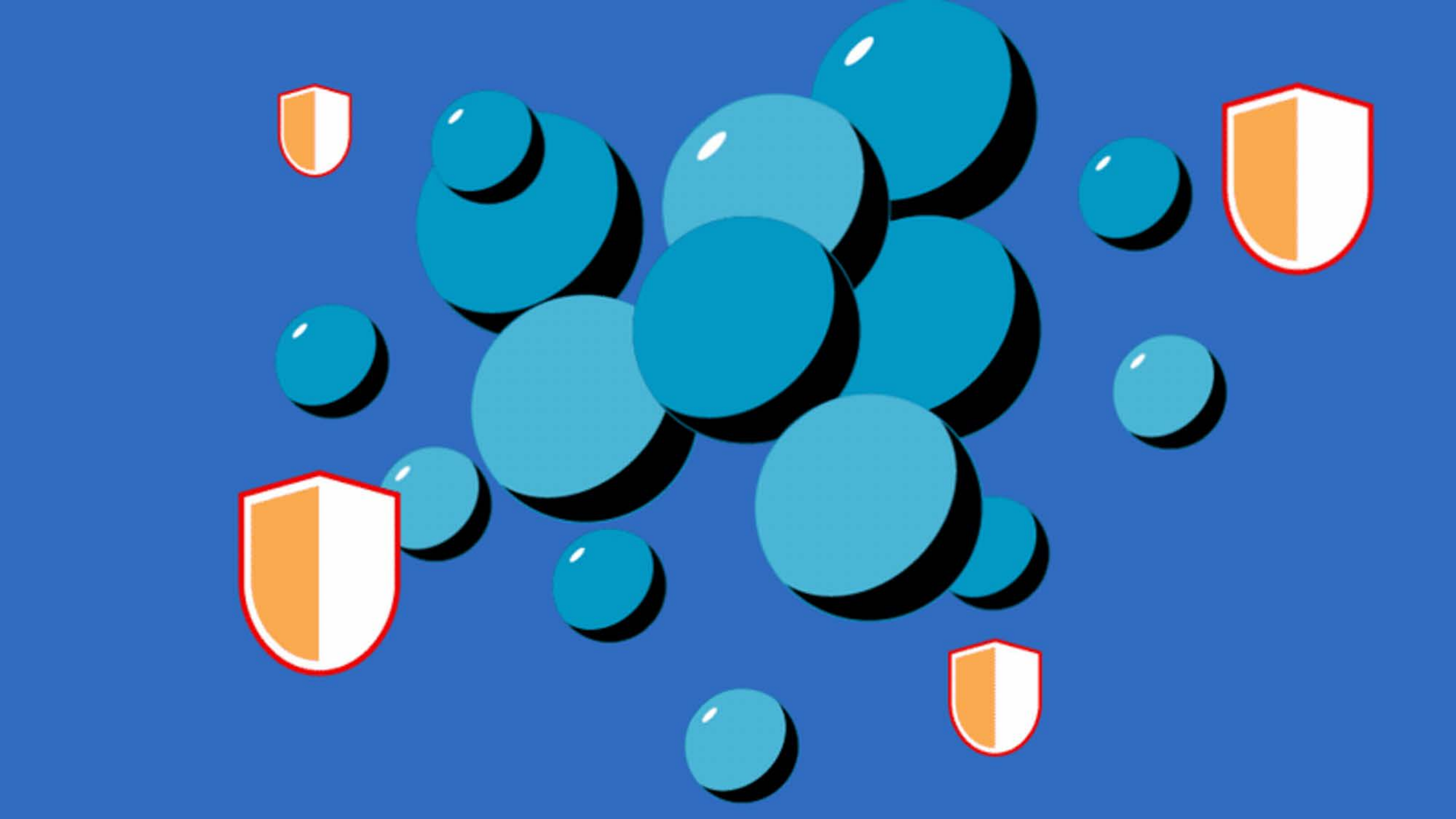
"8th Annual State of the Software Supply Chain." Sonatype, Oct. 2022.

Resilience to vulnerabilities

Big challenge

- Complying with standards
- Existing toolchain not designed to provide provenance and attestation





- [x] CVE-2023-14801
- [ ] CVE-2025-9881
- [ ] CVE-2031-12544
- [x] CVE-2023-22019
- [x] CVE-2030-6190

Listed CVEs

associated with this application

Update

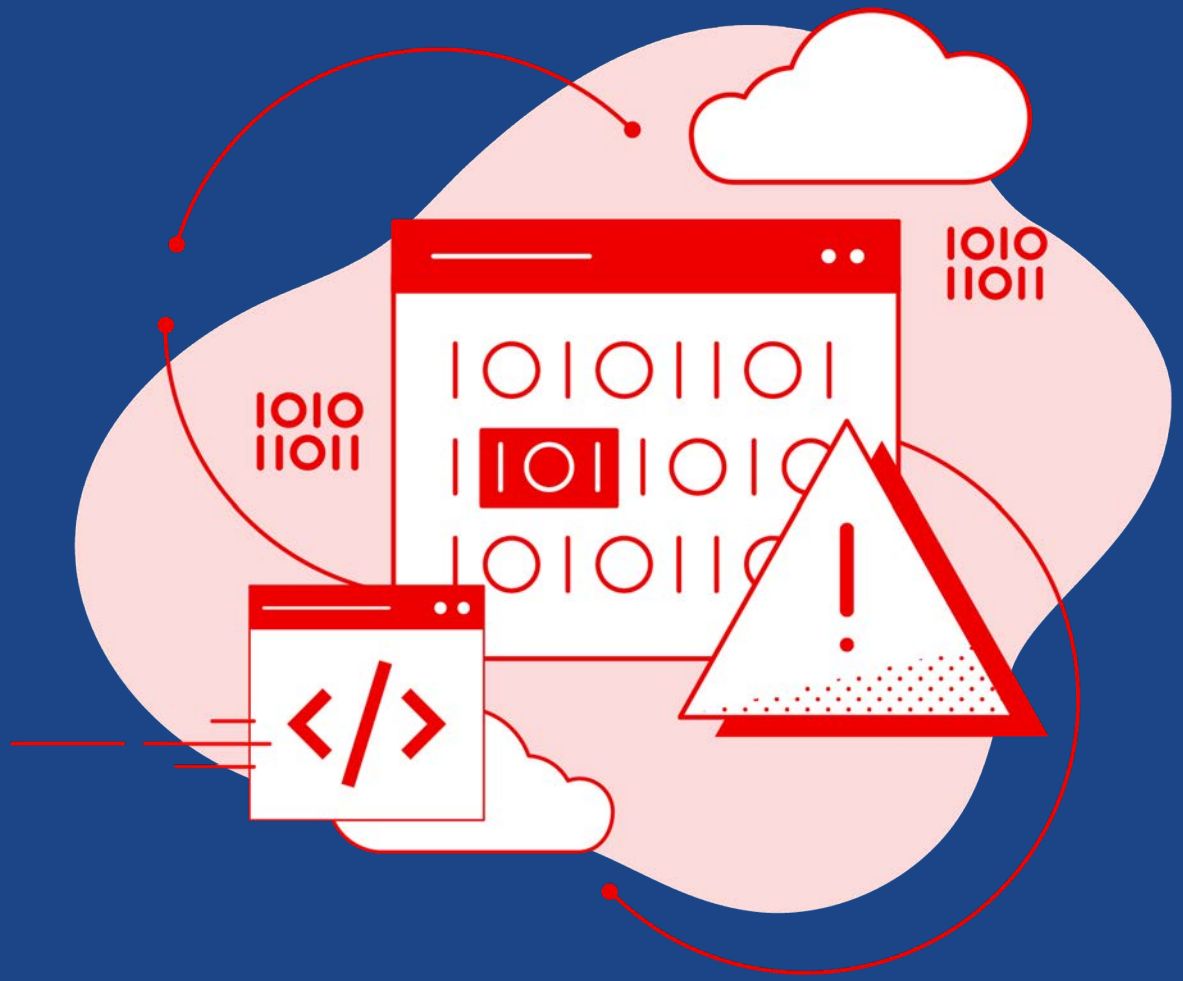
Update all

sigstore

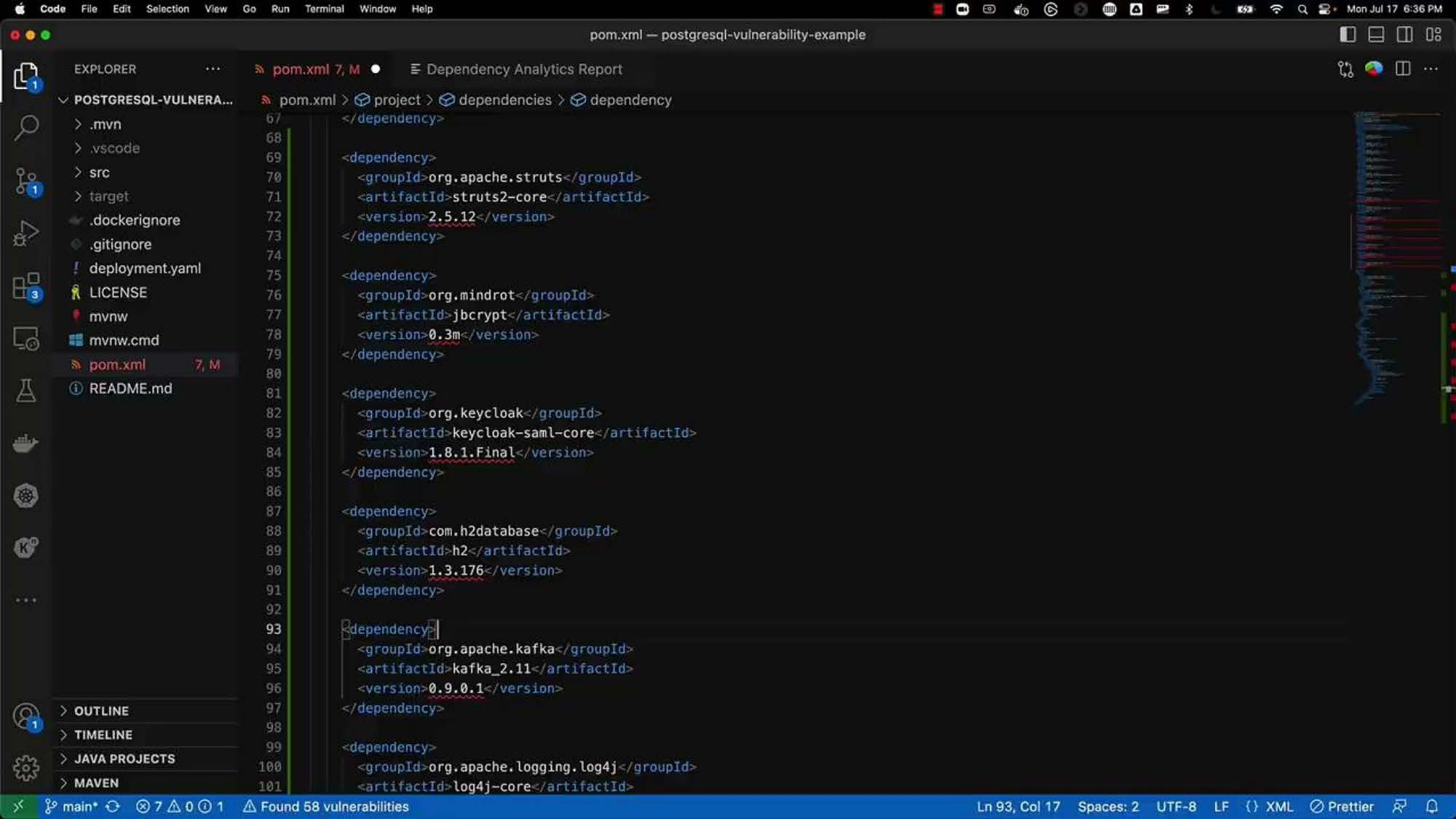
sigstore

- A tool that automates how components are digitally signed and checked
- Trace software back to the source

Red Hat Trusted Software Supply Chain



Prevent and identify malicious code


Code File Edit Selection View Go Run Terminal Window Help
Mon Jul 17 6:36 PM
pom.xml — postgresql-vulnerability-example
EXPLORER
POSTGRESQL-VULNERA...
.mvn
.vscode
src
target
.dockerignore
.gitignore
deployment.yaml
LICENSE
mvnw
mvnw.cmd
pom.xml 7, M
README.md
pom.xml 7, M
Dependency Analytics Report
pom.xml > project > dependencies > dependency
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<groupId>org.apache.struts</groupId>
<artifactId>struts2-core</artifactId>
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</dependency>
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</dependency>
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</dependency>
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</dependency>
<dependency>
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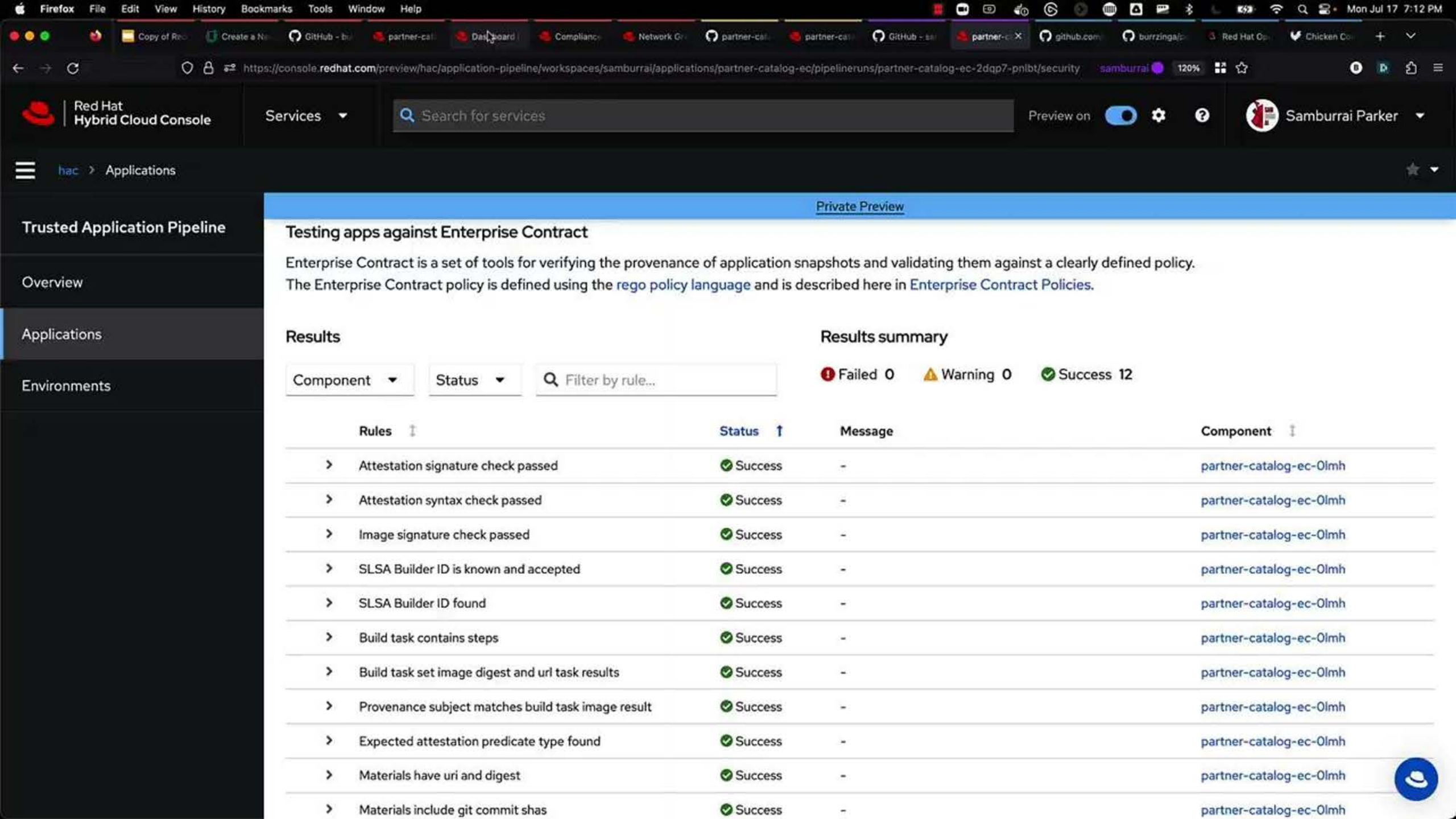
OUTLINE
TIMELINE
JAVA PROJECTS
MAVEN
main*
7 0 1
Found 58 vulnerabilities
Ln 93, Col 17
Spaces: 2
UTF-8
LF
XML
Prettier

Safeguard build systems early

Continuously monitor security at runtime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Hybrid Cloud Console
Services
Search for services
Preview on
Samburrai Parker
hac
Applications
Trusted Application Pipeline
Overview
Applications
Environments
Private Preview
Testing apps against Enterprise Contract
Enterprise Contract is a set of tools for verifying the provenance of application snapshots and validating them against a clearly defined policy.
The Enterprise Contract policy is defined using the rego policy language and is described here in Enterprise Contract Policies.
Results
Component
Status
Filter by rule...
Results summary
Failed 0
Warning 0
Success 12
Rules
Status
Message
Component
Attestation signature check passed
Success
-
partner-catalog-ec-0lmh
Attestation syntax check passed
Success
-
partner-catalog-ec-0lmh
Image signature check passed
Success
-
partner-catalog-ec-0lmh
SLSA Builder ID is known and accepted
Success
-
partner-catalog-ec-0lmh
SLSA Builder ID found
Success
-
partner-catalog-ec-0lmh
Build task contains steps
Success
-
partner-catalog-ec-0lmh
Build task set image digest and url task results
Success
-
partner-catalog-ec-0lmh
Provenance subject matches build task image result
Success
-
partner-catalog-ec-0lmh
Expected attestation predicate type found
Success
-
partner-catalog-ec-0lmh
Materials have uri and digest
Success
-
partner-catalog-ec-0lmh
Materials include git commit shas
Success
-
partner-catalog-ec-0lmh

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