

Serverless




Serverless is a cloud computing execution model that allocates machine resources on an as-used basis. It allows developers to build and run applications without having to manage any servers and pay only for the exact amount of resources used. It includes:

- Serverless functions—Pieces of code that run in the cloud
- Serverless containers—Containerized applications that are deployed and run in the cloud

Wiz scans serverless for various risk factors (e.g., external exposure, misconfigurations, secrets, vulnerabilities).

For step-by-step walkthroughs of key scenarios related to serverless functions, see the [serverless scenarios page](#).

 There is a webinar on [serverless](#).

How it works

Wiz maps all the different attributes associated with serverless, such as network settings, identities, and configurations, and calculates effective permissions, effective network exposure, and configuration best practices.

Additionally, Wiz detects native compile time dependency files as well as runtime dependency files and analyzes them to extract library references and their versions (for AWS this includes layers).

With this information, Wiz maps the identified libraries to the corresponding vulnerabilities of the specific version to create visibility on the Security Graph.

Lastly, within the function code, Wiz scans for clear text secrets, such as cloud keys or private keys, and detect malware.

View serverless inventory

The [Inventory > Technologies](#) page can be filtered to list serverless functions and serverless containers.

WIZ

All projects

Boards

Issues

Findings

Inventory

Explorer

Policies

Reports

Technologies

All Technologies 466

Code 41

CI/CD & Management 48

Compute Platforms 123

Cloud Subscriptions 7

Serverless 5

Virtual Machines 18

Operating System 22

Networking 42

Container Orchestrators 8

Search

Technologies

Save as...

View on graph

Suggest a technology

Search technologies

?

🕒

✅

❌

Type

Properties

5 technologies

Subscription

+ More

Technology	Resources	Type	Org. Usage	Status
AWS Lambda Function Serverless	29	Cloud Platform Service	8 projects Uncommon	Approved
Azure App Service Serverless	4	Cloud Platform Service	12 projects Uncommon	Unreviewed
Azure Function Serverless	4	Cloud Platform Service	12 projects Uncommon	Unreviewed
GCP AppEngine Serverless	1	Cloud Platform Service	10 projects Uncommon	Unreviewed
GCP Cloud Function Serverless	4	Cloud Platform Service	10 projects Uncommon	Unreviewed

[Learn about the Inventory > Technologies page.](#)

View serverless on the Security Graph

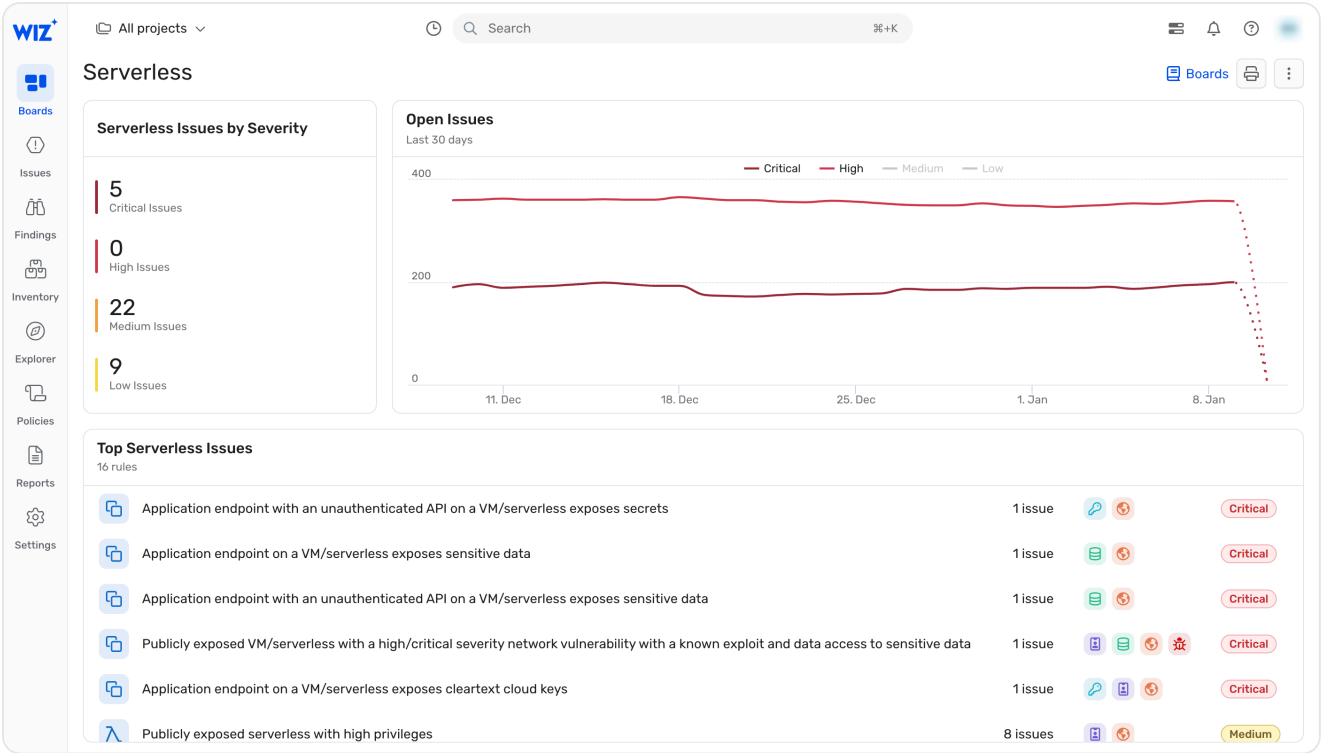
The Security Graph lets you view how your serverless connect to other objects in your environment. For example, querying [publicly exposed serverless functions](#), you can view the full exposure path, other exposed resources, and the traffic rules that expose them.



Serverless board

The [serverless board](#) lets you view important information about your serverless functions and serverless containers at a glance. It summarizes Issues by severity,

shows trendlines, and provides useful saved queries. Click a widget title to view all serverless under that heading, or click one of the subcategories for a more refined list.



FAQ

Questions? Take a look at the [FAQ](#).

Updated 3 months ago

← Secure Use of Secrets

System Health Issues →

Did this page help you? ☒ Yes ☐ No

English ▲