

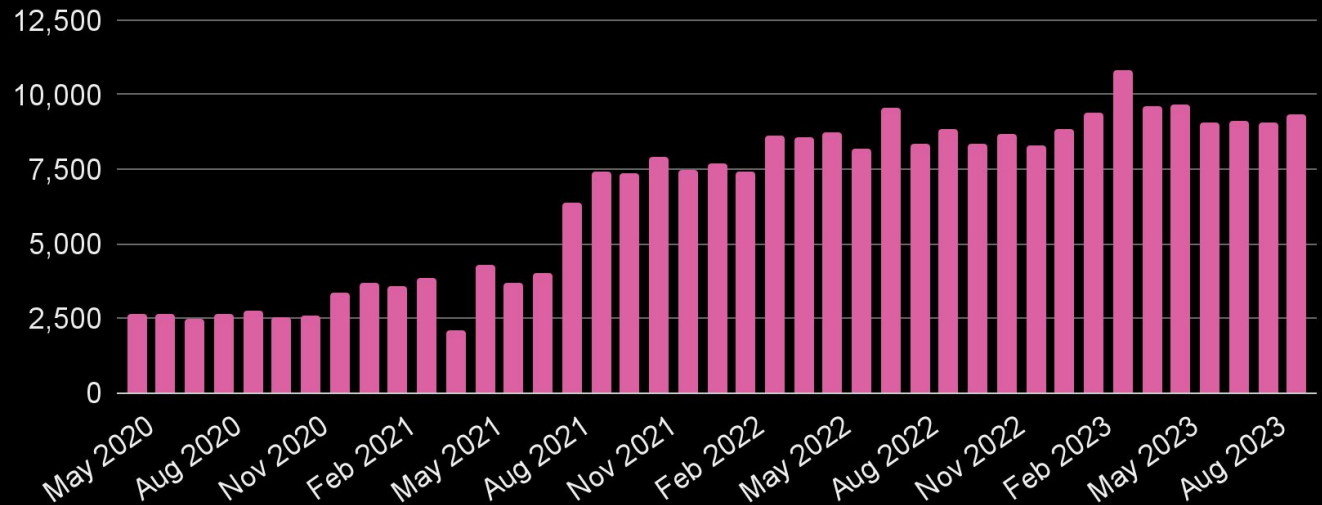


GitHub Secret Scanning

2024 Jan 24

Secret leaks are a growing problem

Contributors
leak over **300**
GitHub tokens
a day



And secrets are a popular target for attacks

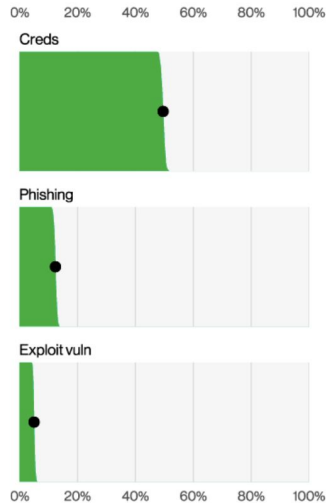


Figure 7. Select enumerations in non-Error, non-Misuse breaches (n=4,291)

Source: Verizon Data Breach Investigation Report 2023

Stolen credentials are the most common method used to gain unauthorized access

Secret scanning

Find and manage hard-coded secrets

Secret scanning alerts / #28

GitHub Personal Access Token

Open GitHub detected a secret 10 days ago

Active secret

GitHub confirmed this secret is active.

Last verified 5 hours ago

Verify secret

`github_pat_11AA2QG5Q0cvRZqFqWUQ4_PqfizC3B2WLBhShqJuBDFitDED7xaff82D1N70DXgx07FP2RNJRwo0ZT2j9`

Remediation steps

Follow the steps below before you close this alert.

- 1 Rotate the secret if it's in use to prevent breaking workflows.
- 2 Revoke this GitHub Personal Access Token through GitHub to prevent unauthorized access. [Learn more about GitHub tokens.](#)
- 3 Check security logs for potential breaches.
- 4 Close the alert as revoked.

Detected in 1 location

testing.txt

```
5 user3=jakedoe
6 password3=CL0JARS_770584d592da432850a9f48df2afba5dde4410ac13624acef38e9ba00d47
7
8 github_pat_11AA2QG5Q0cvRZqFqWUQ4_PqfizC3B2WLBhShqJuBDFitDED7xaff82D1N70DXgx07FP2RNJRwo0ZT2j9
```

Update testing.txt a3e3b6e

10 days ago

Secret name

bot_things

Secret owner

courtneycl

Creation date

October 26, 2023

Expiration date

November 25, 2023

Last used date

Never used

courtneycl bypassed push protection 10 days ago

Secret scanning

What's unique about our solution



Developer Experience

Native, embedded experience within their workflow and also scanning for non-git content



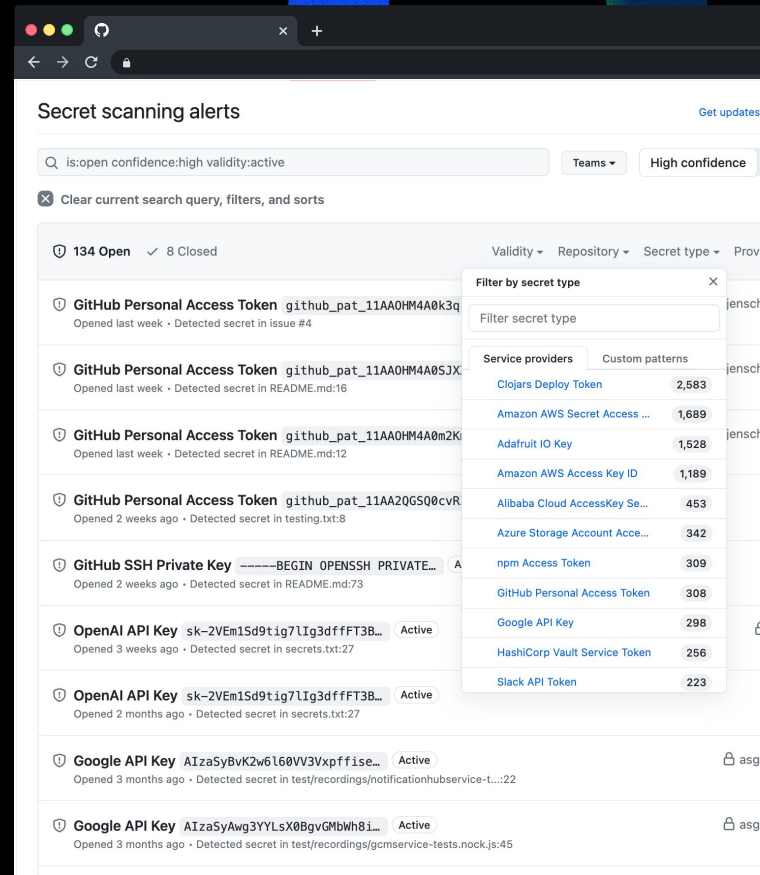
Partner Program

Partnerships with 180+ service providers and support for 200+ patterns to standardize secrets detection and improve user experience



Push Protection

Blocks pushes that contain secrets GitHub can identify with a <1% false positive rate



Resources

- [Secret scanning pattern list](#)
- [Generic pattern detection](#)
- [Defining custom patterns](#)
- [Validity checks](#)
- [Enabling secret scanning](#)

