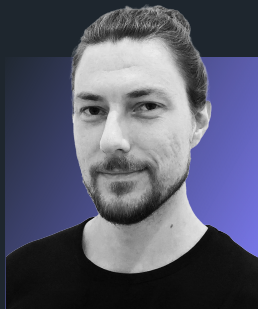# What's with all the CVEs

May 20, 2025 - Live from Paulaner am Nockherberg, Munich
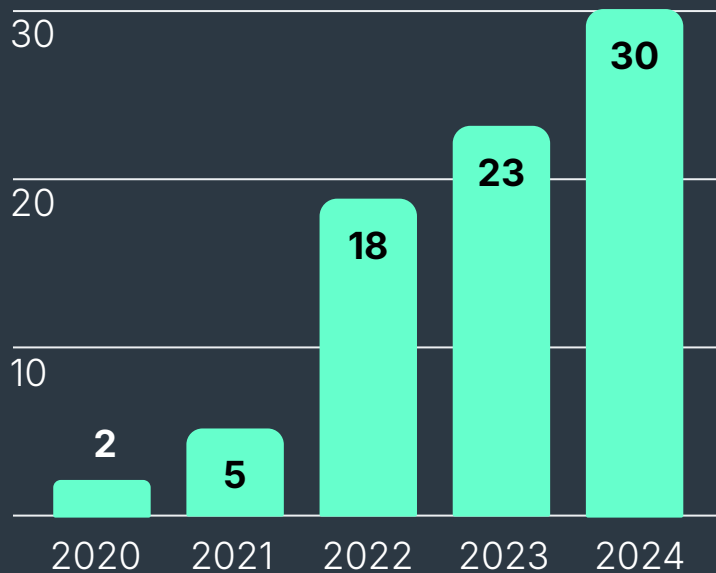
Hannes Rantzsch
Tech Lead Security
Checkmk GmbH
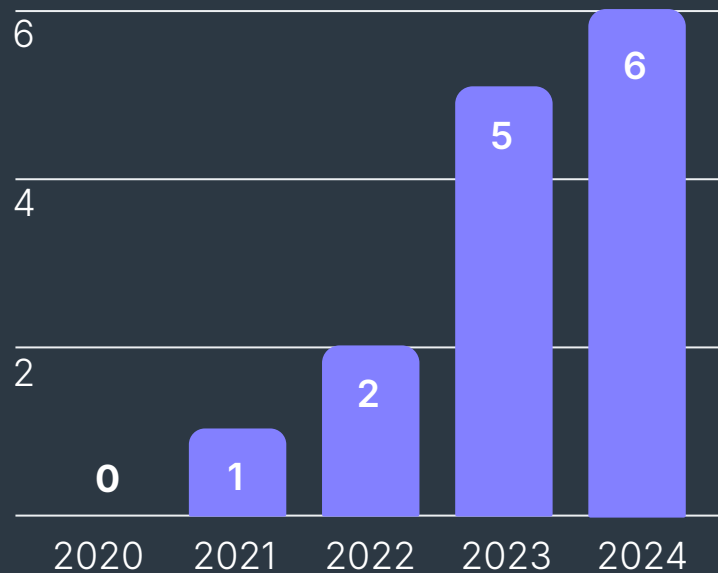
CVEs in Checkmk

"Common Vulnerabilities and Exposures"

The Team
In Order of Appearance

Maximilian
Team Lead
Security

Hannes
Tech Lead
Security

Zoey
Security
Specialist

Aris
CISO

Mehrdad
Security
Specialist

Clément
Security
Specialist

Stanley
Information
Security Officer

Vulnerability Lifecycle
Outline

01 Finding Vulnerabilities

02 Treating Vulnerabilities

03 Preventing Vulnerabilities

Finding Vulnerabilities
Sources of Vulnerability Reports

Tools and Scanners

Looking for patterns; checking our 3rd-party dependencies.

Penetration Tests

Engagements we commission or perform ourselves on a regular basis.

security@ checkmk.com

Reports to our mailbox or the support portal.

Suspicious Bugs

Surprising behavior we or other developers encounter while working on the codebase.

Treating Vulnerabilities

Process Overview

Learn about

Vulnerability

Treating Vulnerabilities
Where Do the CVEs Come From

- Checkmk GmbH is the **CVE Numbering Authority** (CNA) for all its products

- We reserve, write and publish all Checkmk CVEs:

```
$ cve reserve 10  # Reserve IDs from cve.org
Reserved CVE IDs:
- CVE-2025-2092
- [...]

$ vim cves/Checkmk/CVE-2025-2092.json

$ cve publish CVE-2025-2092 \
  --cve-json-file cves/Checkmk/CVE-2025-2092.json
Published the following CVE: CVE-2025-2092
```

CVE-2025-2092   PUBLISHED

📖 View JSON | 📘 User Guide

CNA: Checkmk GmbH   −

Published: 2025-04-22   **Updated:** 2025-04-22
Title: Remote Site Authentication Secrets Written To Web Log

Description

Insertion of Sensitive Information into Log File in Checkmk GmbH's Checkmk versions <2.3.0p29, <2.2.0p41 and <=2.1.0p49 (EOL) causes remote site authentication secrets to be written to log files accessible to administrators.

CWE   1 Total

Learn more

- **CWE-532: CWE-532: Insertion of Sensitive Information into Log File**

CVSS   1 Total

Learn more

Score	Severity	Version	
7.1	HIGH	4.0	

Product Status

Learn more

Screenshot of the CVE page on cve.org
https://www.cve.org/CVERecord?id=CVE-2025-2092

Treating Vulnerabilities
Balancing Transparency and Security

Transparency

- Inform you timely and in detail

- Ensure *we* work diligently and improve

- Foster collaboration with security researchers

Security

- Make sure a patch is available when information is published

- Minimize rush and alarm for users

Preventing Vulnerabilities
Refining our Processes

ISO27001

The IT monitoring platform

checkmk

Checkmk

🌐 English (US) ▾   🔔 Subscribe

Checkmk ✓

🔗 checkmk.com   🐞 Report a vulnerability

Featured Documents

I'm reviewing: All Products   Checkmk Appliance   Checkmk Cloud (SaaS)   Checkmk Cloud (Self-hosted) / Checkmk MSP   Checkmk Enterprise   ‹ ›
Events and Services

Technical and organizational measures (TOMs)   PDF

Password policy   🔒

ISO 27001:2022 certificate   PDF

Information security policy   🔒

Physical security policy   🔒

Cryptography policy   🔒

The Checkmk Trust Center
https://trust.checkmk.com

Preventing Vulnerabilities
Refining our Processes

Publishing Our Own CVEs

ISO27001

Hands-On Development

Roadmap Planning

Developer Training

Lessons Learned

CVEs in Checkmk

No. of **Fixed Vulnerabilities** per Year

Year	No.
2020	2
2021	5
2022	18
2023	23
2024	30