



# OpenCVE

« **CVE Alerting Platform** »

*OSSIR – 11/07/2023*



# Bonjour

Je suis Nicolas Crocfer



@ncrocer



/nicolascrocer



A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines, with some nodes highlighted in grey and others in white.

1.

# OpenCVE “v1”

Présentation de la solution actuelle

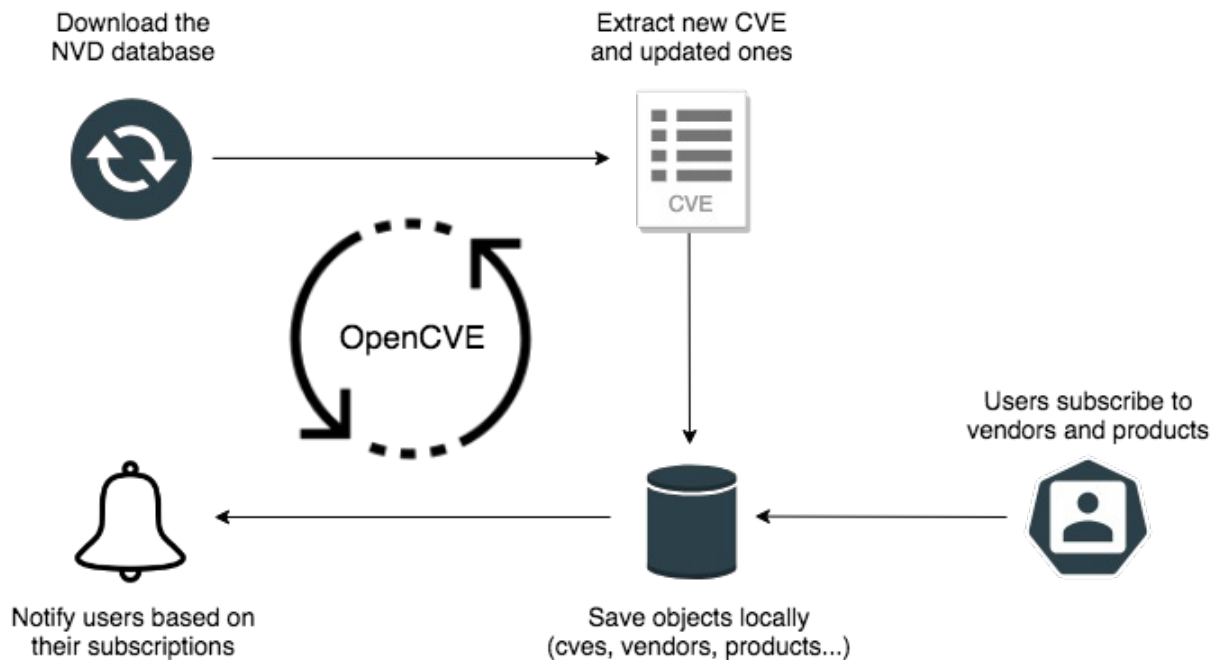
# Présentation d'OpenCVE v1






- ◎ Solution web de **vulnerability management** (<https://opencve.io>)
- ◎ **Télécharge** périodiquement les nouvelles **vulnérabilités** publiées par le NVD
- ◎ Permet d'**explorer** la base de données (par CVSS, CWE, Vendor, Product...)

**Alerte** les utilisateurs en fonction de leurs **abonnements**

# Présentation d'OpenCVE v1






ncrofer

## Vulnerabilities (CVE)

OpenCVE > Vulnerabilities (CVE)


Filtered by vendor **Microsoft**
Unsubscribe
×

Select a tag

Filter by CVSS v3 score

Search in CVEs

Search



TOTAL  
**15198 CVE**

CVE	Vendors	Products	Updated	CVSS v2	CVSS v3
<a href="#">CVE-2019-5695</a>	2 <a href="#">Microsoft, Nvidia</a>	3 <a href="#">Windows, Geforce Experience, Gpu Driver</a>	2022-01-01	6.9 MEDIUM	6.5 MEDIUM
NVIDIA GeForce Experience (prior to 3.20.1) and Windows GPU Display Driver (all versions) contains a vulnerability in the local service provider component in which an attacker with local system and privileged access can incorrectly load Windows system DLLs without validating the path or signature (also known as a binary planting or DLL preloading attack), which may lead to denial of service or information disclosure through code execution.					
<a href="#">CVE-2019-5694</a>	2 <a href="#">Microsoft, Nvidia</a>	2 <a href="#">Windows, Gpu Driver</a>	2022-01-01	4.4 MEDIUM	6.5 MEDIUM
NVIDIA Windows GPU Display Driver, R390 driver version, contains a vulnerability in NVIDIA Control Panel in which it incorrectly loads Windows system DLLs without validating the path or signature (also known as a binary planting or DLL preloading attack), which may lead to denial of service or information disclosure through code execution. The attacker requires local system access.					
<a href="#">CVE-2019-9491</a>	2 <a href="#">Microsoft, Trendmicro</a>	2 <a href="#">Windows, Anti-threat Toolkit</a>	2022-01-01	5.1 MEDIUM	7.8 HIGH
Trend Micro Anti-Threat Toolkit (ATTK) versions 1.62.0.1218 and below have a vulnerability that may allow an attacker to place malicious files in the same directory, potentially leading to arbitrary remote code execution (RCE) when executed.					
<a href="#">CVE-2020-0646</a>	1 <a href="#">Microsoft</a>	9 <a href="#">.net Framework, Windows 10, Windows 7 and 6 more</a>	2022-01-01	10.0 HIGH	9.8 CRITICAL
A remote code execution vulnerability exists when the Microsoft .NET Framework fails to validate input properly, aka '.NET Framework Remote Code Execution Injection Vulnerability'.					
<a href="#">CVE-2019-17021</a>	3 <a href="#">Microsoft, Mozilla, Opensuse</a>	4 <a href="#">Windows, Firefox, Firefox Esr and 1 more</a>	2022-01-01	2.6 LOW	5.3 MEDIUM
During the initialization of a new content process, a race condition occurs that can allow a content process to disclose heap addresses from the parent process. *Note: this issue only occurs on Windows. Other					



ncrofer

## CVE-2021-44228

OpenCVE &gt; Vulnerabilities (CVE) &gt; CVE-2021-44228

Apache Log4j2 2.0-beta9 through 2.12.1 and 2.13.0 through 2.15.0 JNDI features used in configuration, log messages, and parameters do not protect against attacker controlled LDAP and other JNDI related endpoints. An attacker who can control log messages or log message parameters can execute arbitrary code loaded from LDAP servers when message lookup substitution is enabled. From log4j 2.15.0, this behavior has been disabled by default. From version 2.16.0, this functionality has been completely removed. Note that this vulnerability is specific to log4j-core and does not affect log4net, log4cxx, or other Apache Logging Services projects.

CVSS v3.0

10.0 CRITICAL

CVSS v2.0

9.3 HIGH

10.0/10

CVSS v3.0 : CRITICAL

V3 Legend ↕

## Vector :

Exploitability : 3.9 / Impact : 6.0

Attack Vector

NETWORK

Attack Complexity

LOW

Privileges Required

NONE

User Interaction

NONE

Confidentiality Impact

HIGH

Integrity Impact

HIGH

Availability Impact

HIGH

Scope

CHANGED

## Tags

## Information

Published : 2021-12-10 10:15

Updated : 2021-12-28 19:32

NVD link : [CVE-2021-44228](#)Mitre link : [CVE-2021-44228](#)<> JSON object : [View](#)

## Products Affected

## netapp

- ontap\_tools
- cloud\_secure\_agent
- oncommand\_insight
- active\_iq\_unified\_manager
- cloud\_manager
- cloud\_insights
- snapcenter

## cisco

- automated\_subsea\_tuning
- integrated\_management\_controller\_supervisor
- enterprise\_chat\_and\_email

## References

## Link

<https://logging.apache.org/log4j/2.x/security.html><http://www.openwall.com/lists/oss-security/2021/12/10/1><http://www.openwall.com/lists/oss-security/2021/12/10/2><http://packetstormsecurity.com/files/165225/Apache-Log4j2-2.14.1-Remote-Code-Execution.html><https://security.netapp.com/advisory/ntap-20211210-0007/>

## Resource

Release Notes Vendor Advisory

Mailing List Mitigation Third Party Advisory

Mailing List Mitigation Third Party Advisory

Third Party Advisory VDB Entry

Vendor Advisory



ncrofer

Last CVE Updates subscriptions

OpenCVE &gt; Dashboard

01 Jan 2022



CVE-2019-9461 has changed &lt;/&gt;

20:19

In the Android kernel in VPN routing there is a possible information disclosure. This could lead to remote information disclosure by an adjacent network attacker with no additional execution privileges needed. User interaction is not needed for exploitation.

CVSS v3 **6.5 MEDIUM**CVSS v2 **3.3 LOW**

CVSS changed ⓘ

References changed

3 changed, 0 added, 0 removed ⓘ

CWEs changed

1 added, 1 removed ⓘ

## Vendors

1 Google

## Products

1 Android



CVE-2019-13713 has changed &lt;/&gt;

20:12

Insufficient policy enforcement in JavaScript in Google Chrome prior to 78.0.3904.70 allowed a remote attacker to leak cross-origin data via a crafted HTML page.

CVSS v3 **6.5 MEDIUM**CVSS v2 **4.3 MEDIUM**

References changed

1 changed, 0 added, 0 removed ⓘ

CPEs changed

1 added, 0 removed ⓘ

## Dashboard Options

- ☐ Display all activities
- ☒ Display subscriptions activities

## Subscriptions

## Vendors (7)

[Linux](#) [Cisco](#) [Python](#) [101 Project](#) [Microsoft](#) [Puppet](#) [Google](#)

## Products (6)

[Wordpress](#) [3c16950-us](#) [Application Security Manager Appliance](#)  
[Big-ip 10250v](#) [Mac Os X](#) [Log4j](#)








## Tags


[sysadmin](#) [python](#) [P1](#) [P2](#) [P3](#) [critical](#) [dev](#) [opencve](#)

## Last Reports

Date	Vendors & Products
01/01/22	Google, Linux, Microsoft
01/01/22	Google, Linux, Microsoft







ncrofer

ncrofer

Subscriptions

Tags

Notifications

Settings

### Report filters

**Receive a notification when:**

- ☒ a new CVE is created
- ☒ one of your subscriptions appears for the first time in an existing CVE

**When a CVE is updated, receive a notification when:**

- ☒ its CVSS score changes
- ☒ its CPE list changes
- ☐ its summary changes
- ☐ its CWE list changes
- ☐ its references list changes

**Receive a notification when the CVSSv3 score is greater than or equal to :**

Note that this setting does not affect CVE that do not have CVSS.

Save changes

### Emails

**Enable email notifications**

☒ Yes

☐ No

**Email frequency**

Save changes

4 alerts on Linux

Boîte de réception x



OpenCVE.io <no-reply@opencve.io>

À moi ▾

mer. 5 juil. 21:15 (il y a 6 jours)



anglais ▾



français ▾

[Traduire le message](#)

[Désactiver pour : anglais](#) x



View the [full report](#).

## Linux

### [CVE-2023-34460](#) - 9.8

Tauri is a framework for building binaries for all major desktop platforms. The 1.4.0 release includes a regression on the Filesystem scope check for dotfiles on Unix. Previously dotfiles were not implicitly allowed by the...

**Changes :** *CVSS changed, Vendors/Products appeared for the first time, References changed, CPEs changed*

### [CVE-2023-26276](#) - 7.5

IBM QRadar SIEM 7.5.0 uses weaker than expected cryptographic algorithms that could allow an attacker to decrypt highly sensitive information. IBM X-Force ID: 248147.

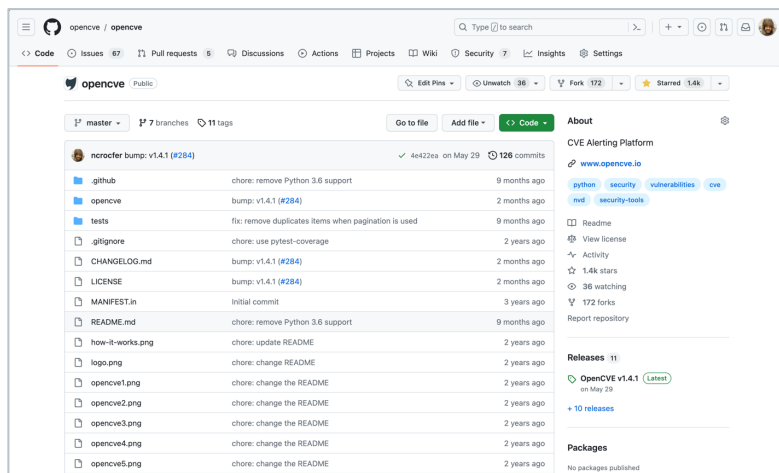
**Changes :** *References changed, CWEs changed, CVSS changed, Vendors/Products appeared for the first time, CPEs changed*

### [CVE-2023-3317](#) - 7.1

# Présentation d'OpenCVE v1



## Installation On-premise

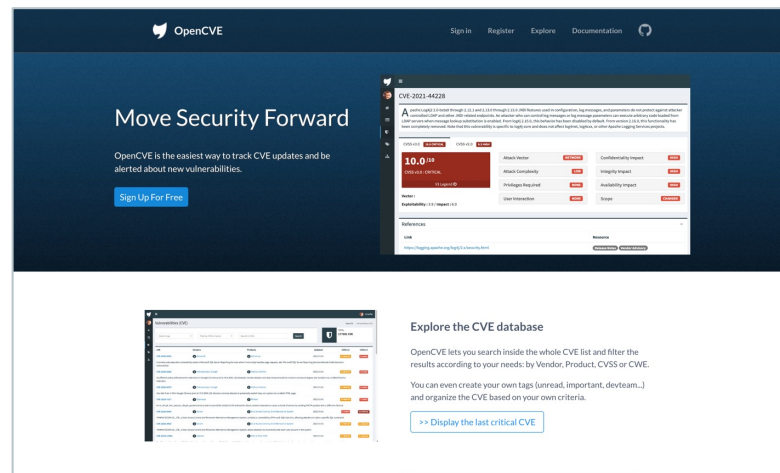


The screenshot shows the GitHub repository for OpenCVE. The repository is named 'opencve' and is public. It has 7 branches and 11 tags. The main branch is 'master'. The repository contains a README.md file, a LICENSE file, and a MANIFEST.in file. The repository is maintained by 'nrocker' and has 126 commits. The repository is also linked to a CVE Alerting Platform at [www.opencve.io](https://www.opencve.io). The repository is also linked to a CVE Alerting Platform at [www.opencve.io](https://www.opencve.io).

<https://github.com/opencve/opencve>



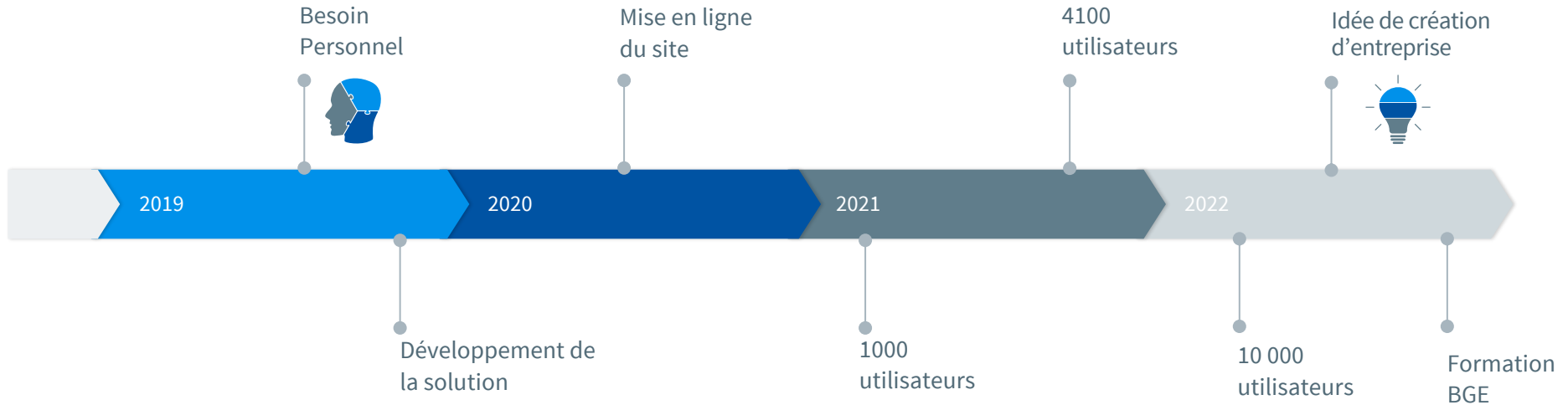
## Instance SaaS



The screenshot shows the OpenCVE SaaS interface. The header includes the OpenCVE logo and navigation links: Sign In, Register, Explore, Documentation, and a search icon. The main content area features a large banner with the text 'Move Security Forward' and a sub-header 'OpenCVE is the easiest way to track CVE updates and be alerted about new vulnerabilities.' Below this is a 'Sign Up For Free' button. To the right of the banner is a sidebar with a 'CVE-2021-44228' entry, showing a severity score of 10.0 and a status of 'Critical'. Below the banner is a section titled 'Explore the CVE database' with a sub-header 'OpenCVE lets you search inside the whole CVE list and filter the results according to your needs by Vendor, Product, CVSS or CWE.' Below this is a button that says '>> Display the last critical CVE'.

<https://www.opencve.io/>

# Chronologie



The background of the slide features a complex, light gray network pattern. It consists of numerous small circles, some solid and some hollow, connected by thin lines, creating a web-like structure that fills the entire frame.

# 18 500

utilisateurs inscrits

The background of the slide features a complex, light gray network pattern. It consists of numerous small circles, some solid and some hollow, connected by thin lines, creating a web-like structure that fills the entire frame.

# 3 800 000

rapports envoyés (+1M saucs)

A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines. The nodes are represented by small circles, some of which are larger and have concentric circles, suggesting a hierarchical or central structure. The lines are thin and gray, connecting the nodes in a non-linear fashion.

2.

# Création d'entreprise





Recherche



Accueil



Réseau



Offres d'emploi



Messagerie



Notifications



Vous



Produits

Essayez Premium  
gratuitement



Nicolas Crocfer

IT Director chez OVHcloud

Voir le profil complet



Nicolas Crocfer · Vous

IT Director chez OVHcloud

1 mois ·

Si vous me suivez vous savez que j'ai développé un outil nommé OpenCVE: [https://lnkd.in/d\\_TbDYH](https://lnkd.in/d_TbDYH)

Que vous soyez RSSI, Directeur de la Cyber, Sysadmin ou simplement passionné par la sécurité informatique il se peut que vous soyez intéressé: OpenCVE vous permet de vous abonner à des produits et d'être notifié dès lors qu'une CVE apparaît.

Je travaille maintenant à l'améliorer et j'ai besoin de vous:

- pour les utilisateurs actuels quelle est la fonctionnalité manquante selon vous?
- d'un point de vue plus global, et même sans utiliser OpenCVE, qu'attendez-vous d'un outil de Vulnerability Management?
- si vous en utilisez déjà un, [#cyber](#) lequel pourriez-vous me recommander?

Merci d'avance à ceux qui me répondront à l'une ou l'autre de ces questions (ici ou en MP), ça sera très utile pour la suite de l'aventure !

Et si vous n'utilisez pas ce genre de tool aucun soucis, c'est peut-être le cas de vos abonnés et dans ce cas n'hésitez pas à repartager cette publication 🙌

CVE-2021-44228

Apache Log4j 2.0-beta9 through 2.12.1 and 2.13.0 through 2.15.0 JNDI features used in configuration, log messages, and parameters do not protect against attacker controlled LDAP and other JNDI related endpoints. An attacker who can control log messages or log message parameters can execute arbitrary code loaded from LDAP servers when message lookup substitution is enabled. From log4j 2.15.0, this behavior has been disabled by default. From version 2.16.0, this functionality has been completely removed. Note that this vulnerability is specific to log4j-core and does not affect log4j-cxx, or other Apache Logging Services projects.

CVSS v3.0 10.0 CRITICAL CVSS v2.0 9.1 HIGH

OpenCVE · Vulnerabilities (CVE) · CVE-2021-44228

Tags

Information

Published: 2021-12-10 10:15

Updated: 2021-12-28 19:32





# 54 683

impressions

# 76

commentaires

# 84

republications

## Découverte ?

**54 683**

Impressions

## Interactions ?

Réactions

435 →

Commentaires

76 →

Republications

84 →

## Principales données démographiques des personnes atteintes ?

Entreprises ▾

Capgemini · 312

OVHcloud · 286

Thales · 256

Orange Cyberdefense · 172

# Etude de la clientèle



**Carole**

CEO

« Je souhaite une solution  
**peu onéreuse** »

**Franck**

RSSI

« Je souhaite une solution  
**claire et concise** »



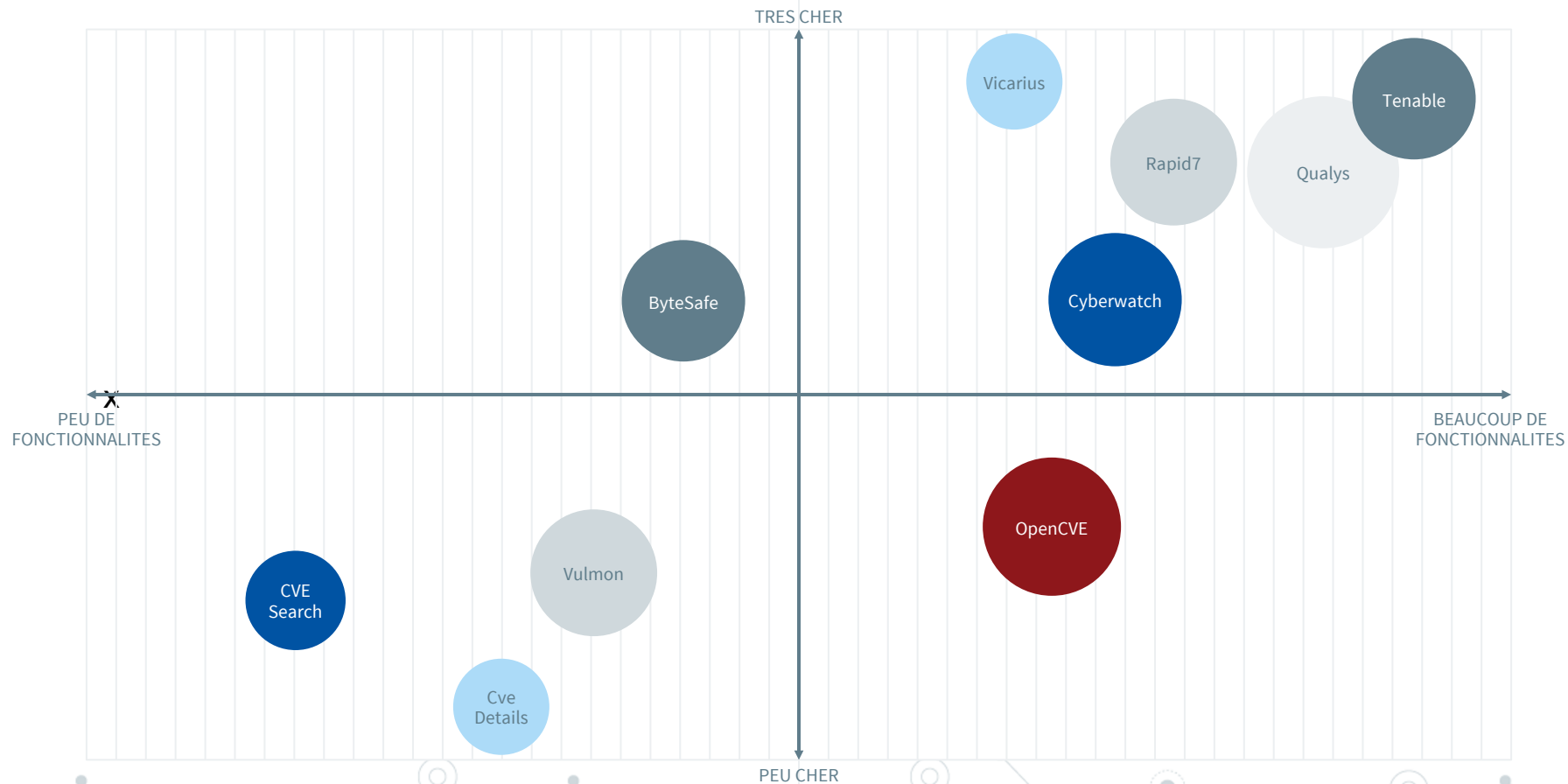
**Anna**

ANALYSTE CYBERSECURITE

« Je souhaite une solution  
**simple et utile** »



## Analyse de la concurrence



# Création d'entreprise

- ◎ Création avec **Laurent Durnez** d'une SAS autour d'OpenCVE
- ◎ Intégration en Juin 2023 du **Campus Cyber HDF**, opéré par **Euratechnologies**

- ◎ Les 4 missions du Campus Cyber:
  - ◎ Opérer – Prévenir et réagir face aux attaques
  - ◎ Former – Sensibiliser à la cybersécurité
  - ◎ Mobiliser – Fédérer et animer l'écosystème
  - ◎ Innover - Faire émerger les champions de demain



A decorative network diagram in the top-left corner, featuring a complex web of interconnected nodes and lines, with some nodes highlighted in blue.

3.

# OpenCVE “v2”


Présentation de la prochaine version

## OpenCVE v2 – Nouvelles fonctionnalités

- ① Découpage des abonnements (vendors & products) en **Projets**
- ① **Notifications** (email, slack, jira, webhook...)
- ① Utilisation des bases du **NVD** et du **MITRE** (*cveproject/cvelistv5*)
- ① Ajout des **advisories** (Debian Security Advisories, Japan Vulnerability Notes, Ubuntu Security Notices, ExploitDB, Github Advisory Database...)
- ① La **knowledge-base** sur Github

## OpenCVE v2 – Nouvelles fonctionnalités

- © Découpage des abonnements (vendors & products) en **Projets**
- © **Notifications** (email, slack, jira, webhook...)
- © Utilisation des bases du **NVD** et du **MITRE** (*cveproject/cvelistv5*)
- © Ajout des **advisories** (Debian Security Advisories, Japan Vulnerability Notes, Ubuntu Security Notices, ExploitDB, Github Advisory Database...)
- © La **knowledge-base** sur Github



MAIN NAVIGATION

Dashboard

Vulnerabilities

Advisories

Vendors & Products

Categories

SETTINGS

Projects

Tags

Profile

Admin

Logout

Dashboard

Reports

Subscriptions

Notifications

ncrofer

Project Customer X

Activity Feed

05 jul 2023

CVE-2023-32019 has changed </>

19:38

Windows Kernel Information Disclosure Vulnerability

CWE(s) changed0 added, 0 removed

Reference(s) changed0 changed, 1 added, 0 removed

CVE-2023-23468 has changed </>

19:38

IBM Robotic Process Automation for Cloud Pak 21.0.1 through 21.0.7.3 and 23.0.0 through 23.0.3 is vulnerable to insufficient security configuration which may allow creation of namespaces within a cluster. IBM X-Force ID: 244500.

Vendor(s)/Product(s) appeared for the first time4 added

CWE(s) changed1 added, 0 removed

Reference(s) changed2 changed, 0 added, 0 removed

CVE-2023-22593 has changed </>

19:38

IBM Robotic Process Automation for Cloud Pak 21.0.1 through 21.0.7.3 and 23.0.0 through 23.0.3 is vulnerable to security misconfiguration of the Redis container which may provide elevated privileges. IBM X-Force ID: 244074.

Vendor(s)/Product(s) appeared for the first time4 added

Subscriptions

Vendors (7)

MicrosoftCiscoWordpressPythonSapDebianIbm

Products (3)

Google androidFollowmedarling spotify-play-button-for-wordpressSap sapsetup

Last Reports

Date	Vendors & Products
17/04/2023	Google, Microsoft
16/04/2023	Linux, Debian, Fedora

DJDT



The screenshot displays a web application interface. On the left is a dark sidebar with a logo at the top and a menu. The menu is divided into 'MAIN NAVIGATION' and 'SETTINGS'. Under 'MAIN NAVIGATION', there are links for 'Dashboard', 'Vulnerabilities', 'Advisories', 'Vendors & Products', and 'Categories'. Under 'SETTINGS', there are links for 'Projects' and 'Tags'. The 'Dashboard' link is highlighted with a blue bar. To the right of the sidebar is a main content area. At the top of this area is a dark header with a hamburger menu icon and a red rectangular box containing the links 'Dashboard', 'Reports', 'Subscriptions', and 'Notifications'. Below this header is the 'Activity Feed' section. It features a date separator '05 jul 2023' and a blue circular icon with a pencil. The main entry in the feed is 'CVE-2023-32019 has changed </>' with a timestamp '19:38'. Below this entry, the text 'Windows Kernel Information Disclosure Vulnerability' is shown. Two details are listed: 'CWE(s) changed' with '0 added, 0 removed' and 'Reference(s) changed' with '0 changed, 1 added, 0 removed'.

MAIN NAVIGATION

- Dashboard
- Vulnerabilities
- Advisories
- Vendors & Products
- Categories

SETTINGS

- Projects
- Tags

Dashboard Reports Subscriptions Notifications

### Activity Feed

05 jul 2023

CVE-2023-32019 has changed </> 19:38



Windows Kernel Information Disclosure Vulnerability

CWE(s) changed 0 added, 0 removed

Reference(s) changed 0 changed, 1 added, 0 removed

## OpenCVE v2 – Nouvelles fonctionnalités

- © Découpage des abonnements (vendors & products) en **Projets**
- © **Notifications** (email, slack, jira, webhook...)
- © Utilisation des bases du **NVD** et du **MITRE** (*cveproject/cvelistv5*)
- © Ajout des **advisories** (Debian Security Advisories, Japan Vulnerability Notes, Ubuntu Security Notices, ExploitDB, Github Advisory Database...)
- © La **knowledge-base** sur Github



MAIN NAVIGATION

Dashboard

Vulnerabilities

Advisories

Vendors & Products

Categories

SETTINGS

Projects

Tags

Profile

Admin


Logout

DashboardReportsSubscriptionsNotifications

ncrofer


Project laurent

Notifications list




All updates (webhook)  
Last use 10 minutes ago

Enabled



All updates with critical CVSS (slack)  
Last use 10 minutes ago

Enabled



New critical CVE (email)  
Last use 10 minutes ago

Disabled

Info


The notifications are used to immediately send a message for each change on your subscriptions.

New Notification

+Email


+Webhook

+Slack

Documentation

DJDT

27



MAIN NAVIGATION

Dashboard

Vulnerabilities

Advisories

Vendors & Products

Categories

SETTINGS

Projects

Tags

Profile

Admin

Logout

Dashboard

Reports

Subscriptions

Notifications

ncrofer

Project All updates with critical CVSS

General Settings

☒ Is enabled

Name\*

All updates with critical CVSS

Url\*

http://slack.com/1245

Cancel

Save

Alerts Settings

Receive a notification when:

☒ a new CVE is created

☒ one of your subscriptions appears for the first time in an existing CVE

When a CVE is updated, be alerted when :

☒ its CVSS score changes

☒ its CPE list changes

☒ its summary changes

☒ its CWE list changes

☒ its references list changes

Be alerted when the CVSSv3 score is greater than or equal to :\*

8

Note that this setting does not affect CVE that do not have CVSS.

DjDT

## OpenCVE v2 – Nouvelles fonctionnalités

- © Découpage des abonnements (vendors & products) en **Projets**
- © **Notifications** (email, slack, jira, webhook...)
- © Utilisation des bases du **NVD** et du **MITRE** (*cveproject/cvelistv5*)
- © Ajout des **advisories** (Debian Security Advisories, Japan Vulnerability Notes, Ubuntu Security Notices, ExploitDB, Github Advisory Database...)
- © La **knowledge-base** sur Github

CVE

cvelistV5

Public

Watch 10

Fork 39

Starred 104

main

1 branch

3,314 tags

Go to file

Add file

<> Code

cvelistV5 Github Action 2 changes (2 new | 0 updated): ...

17cd26e 3 minutes ago 7,549 commits

.github/workflows	yml files, add delta-yesterday.yml, and update to cve_utils 1.0.1	3 weeks ago
cves	2 changes (2 new   0 updated):	3 minutes ago
.gitattributes	initial commit for "bulk download" task	5 months ago
.gitignore	improved log; only update recent_activities when there are new or u...	4 months ago
README.md	Update README.md	4 months ago

README.md

## CVE List V5

The [CVE List](#) is catalog of all [CVE Records](#) identified by, or reported to, the [CVE Program](#).

This repository hosts bulk download files of CVE Records in [CVE JSON 5.0 format](#) (view the [schema](#)). You may search, download, and use the content hosted in this repository, per the [CVE Program Terms of Use](#).

**Legacy Format Downloads Available for Limited Time**—[Legacy format CVE List downloads](#), which are derived from CVE JSON 4.0, remain available for download on the CVE.ORG website for a limited time. These legacy formats will be **deprecated on or before December 31, 2023**.

### Releases

### About

CVE cache of the official CVE List in CVE JSON 5.0 format

Readme

Activity

104 stars

10 watching

39 forks

Report repository

### Releases 3,205

[CVE 2023-07-11\\_0700Z](#) Latest  
42 minutes ago

+ 3,204 releases

### Packages

No packages published

### Contributors 5



## OpenCVE v2 – Nouvelles fonctionnalités



- © Découpage des abonnements (vendors & products) en **Projets**
- © **Notifications** (email, slack, jira, webhook...)
- © Utilisation des bases du **NVD** et du **MITRE** (*cveproject/cvelistv5*)
- © Ajout des **advisories** (Debian Security Advisories, Japan Vulnerability Notes, Ubuntu Security Notices, ExploitDB, Github Advisory Database...)
- © La **knowledge-base** sur Github










## OpenCVE v2 – Nouvelles fonctionnalités


- © Découpage des abonnements (vendors & products) en **Projets**
- © **Notifications** (email, slack, jira, webhook...)
- © Utilisation des bases du **NVD** et du **MITRE** (*cveproject/cvelistv5*)
- © Ajout des **advisories** (Debian Security Advisories, Japan Vulnerability Notes, Ubuntu Security Notices, ExploitDB, Github Advisory Database...)
- © La **knowledge-base** sur Github

  opencve / opencve-kb


Q Type to search





    

[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Security](#) [Insights](#) [Settings](#)

 [main](#) [opencve-kb / dsa / 2023 / DSA-5451.json](#)

Q Go to file t

 **OpenCVE** Revision 2023-07-10, 05:30:00 UTC 06d9bf · yesterday [History](#)

[Code](#) [Blame](#) 31 lines (31 loc) · 1.71 KB [Raw](#)    

```
1  {
2    "created": "2023-07-09T00:00:00+00:00",
3    "description": "<p>Multiple security issues were discovered in Thunderbird, which could result in denial of service or the execution of arbitrary code.</p> <p>For the oldstable
4    "extras": {
5      "affected_packages": [
6        "thunderbird"
7      ],
8      "fixed_in": null,
9      "references": {
10       "Bug 1006432": "https://bugs.debian.org/cgi-bin/bugreport.cgi?bug=1006432",
11       "Bug 971790": "https://bugs.debian.org/cgi-bin/bugreport.cgi?bug=971790",
12       "CVE-2023-37201": "https://security-tracker.debian.org/tracker/CVE-2023-37201",
13       "CVE-2023-37202": "https://security-tracker.debian.org/tracker/CVE-2023-37202",
14       "CVE-2023-37207": "https://security-tracker.debian.org/tracker/CVE-2023-37207",
15       "CVE-2023-37208": "https://security-tracker.debian.org/tracker/CVE-2023-37208",
16       "CVE-2023-37211": "https://security-tracker.debian.org/tracker/CVE-2023-37211"
17     },
18     "vulnerable": "Yes"
19   },
20   "key": "DSA-5451",
21   "link": "https://www.debian.org/security/2023/dsa-5451",
22   "related_cves": [
23     "CVE-2023-37208",
24     "CVE-2023-37202",
25     "CVE-2023-37207",
26     "CVE-2023-37211",
27     "CVE-2023-37201"
28   ],
```

## OpenCVE v2 – Les technologies

- ⦿ Réécriture complète de l'application web  
(de Flask à **Django**)
- ⦿ Passage d'un micro-framework à un framework complet et maintenable
- ⦿ Avantages: sécurité, extensions, documentation, communauté, auto-admin, ORM...



**django**

## OpenCVE v2 – Les technologies

- ◎ Utilisation d'**Apache Airflow** comme scheduler
- ◎ Chaque heure Airflow lance les *workflows*:
  1. analyse des changements
  2. corrélation avec les abonnements des utilisateurs
  3. envoi de notifications et de rapports



## DAG: changes

success

Schedule: 0 \* \* \* \*

Next Run: 2023-07-10, 16:00:00

Grid

Graph

Calendar

Task Duration

Task Tries

Landing Times

Gantt

Details

&lt;&gt; Code

Audit Log



2023-07-10T09:45:05Z

Runs

25

Run

manual\_\_2023-07-10T09:45:04.402474+00:00

Layout

Left &gt; Right

Update

Find Task...

\_PythonDecoratedOperator

deferred

failed

queued

removed

restarting

running

scheduled

shutdown

skipped

success

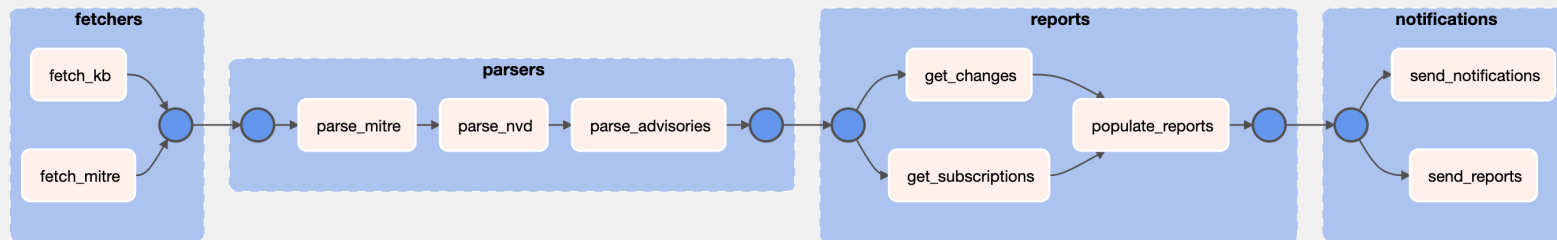
up\_for\_reschedule

up\_for\_retry

upstream\_failed

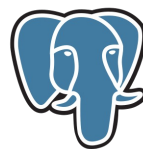
no\_status

Auto-refresh



## OpenCVE v2 – Les technologies

- Utilisation de **PostgreSQL** pour la base de données (procédures stockées)
- Utilisation de **Git** pour stocker la KB
- Utilisation de **Redis** dans le scheduler
- Utilisation de **Docker** pour le déploiement



PostgreSQL



redis



docker

# Les prochaines étapes



- ❑ Création de la SAS

- ❑ Recherche de sponsors

- ❑ Finaliser la v2 / Migrer v1

- ❑ Communication / Articles

- ❑ Recueil de Feedbacks

- ❑ Bugfix / Nouvelles features

# Merci !



<https://www.opencv.io>



[ncrocfer@gmail.com](mailto:ncrocfer@gmail.com)



<https://www.linkedin.com/in/nicolascrocfer/>



<https://twitter.com/ncrocfer>