



TLP:CLEAR



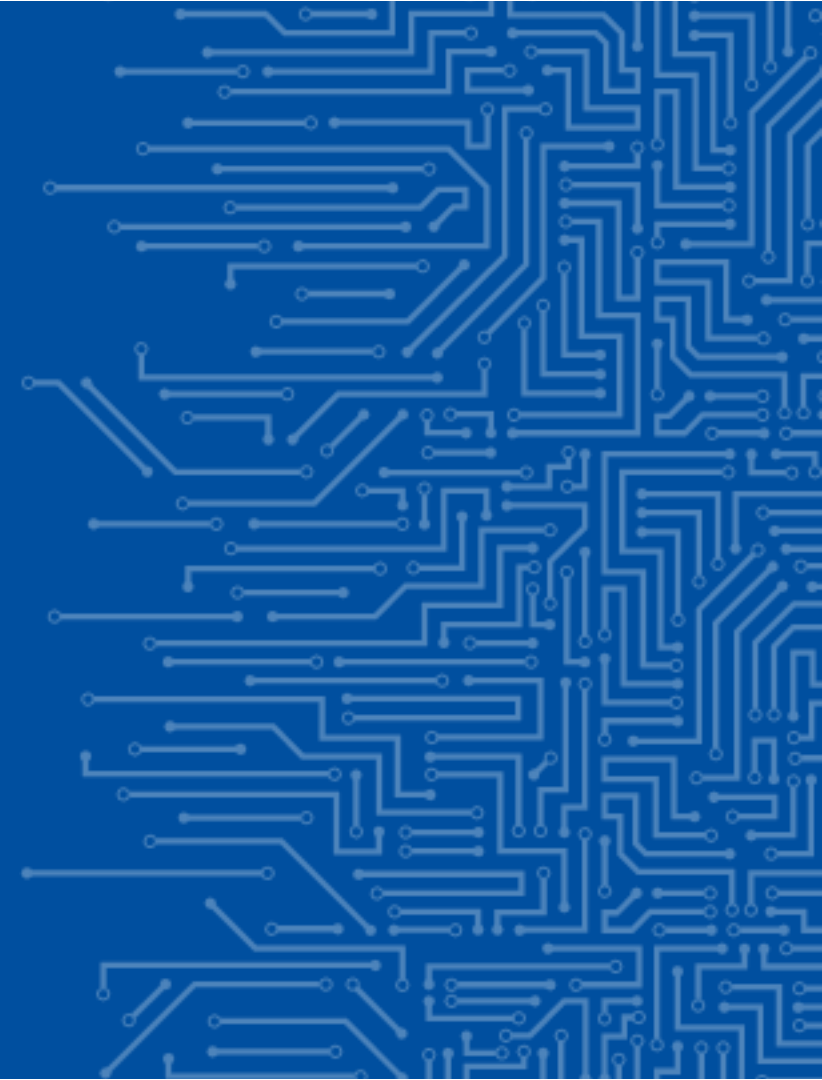
EUROPEAN UNION AGENCY
FOR CYBERSECURITY

THE EUVD, EU CVD, AND THE CRA SRP

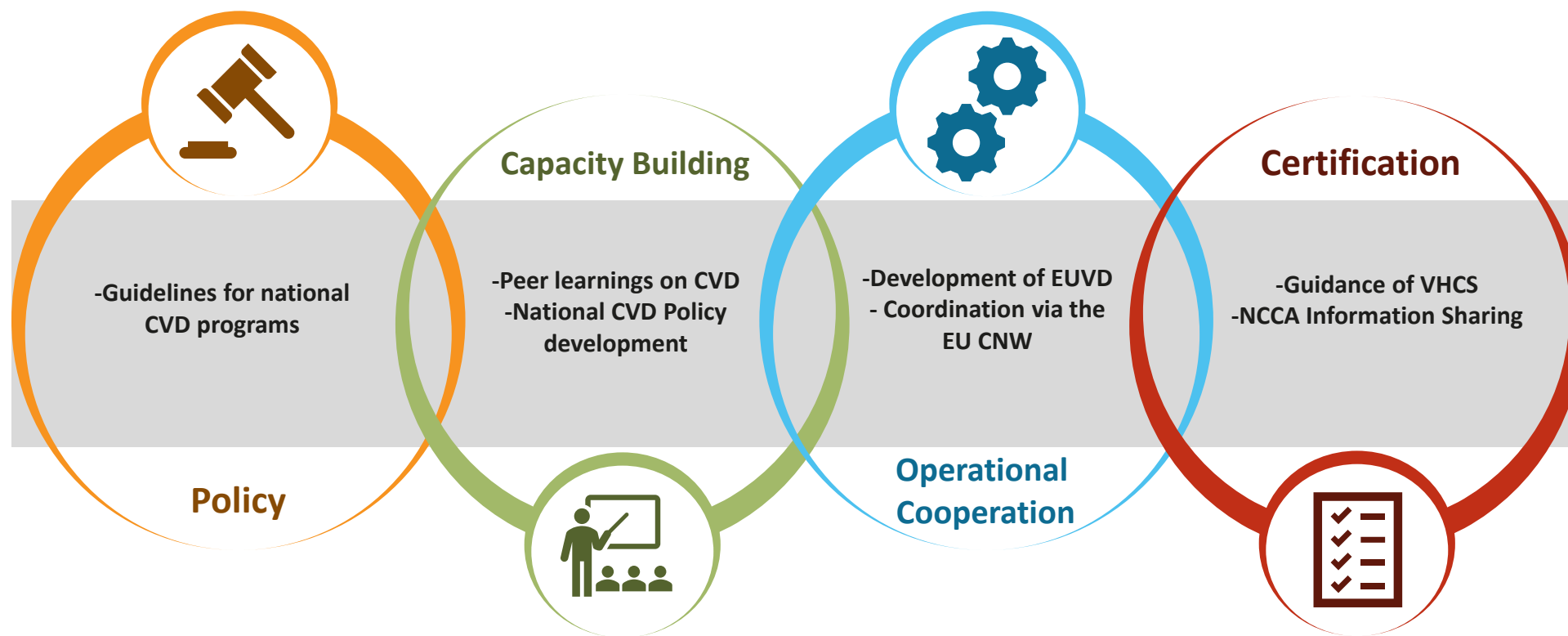
State of Play

CSAF Community Days
Johannes Clos

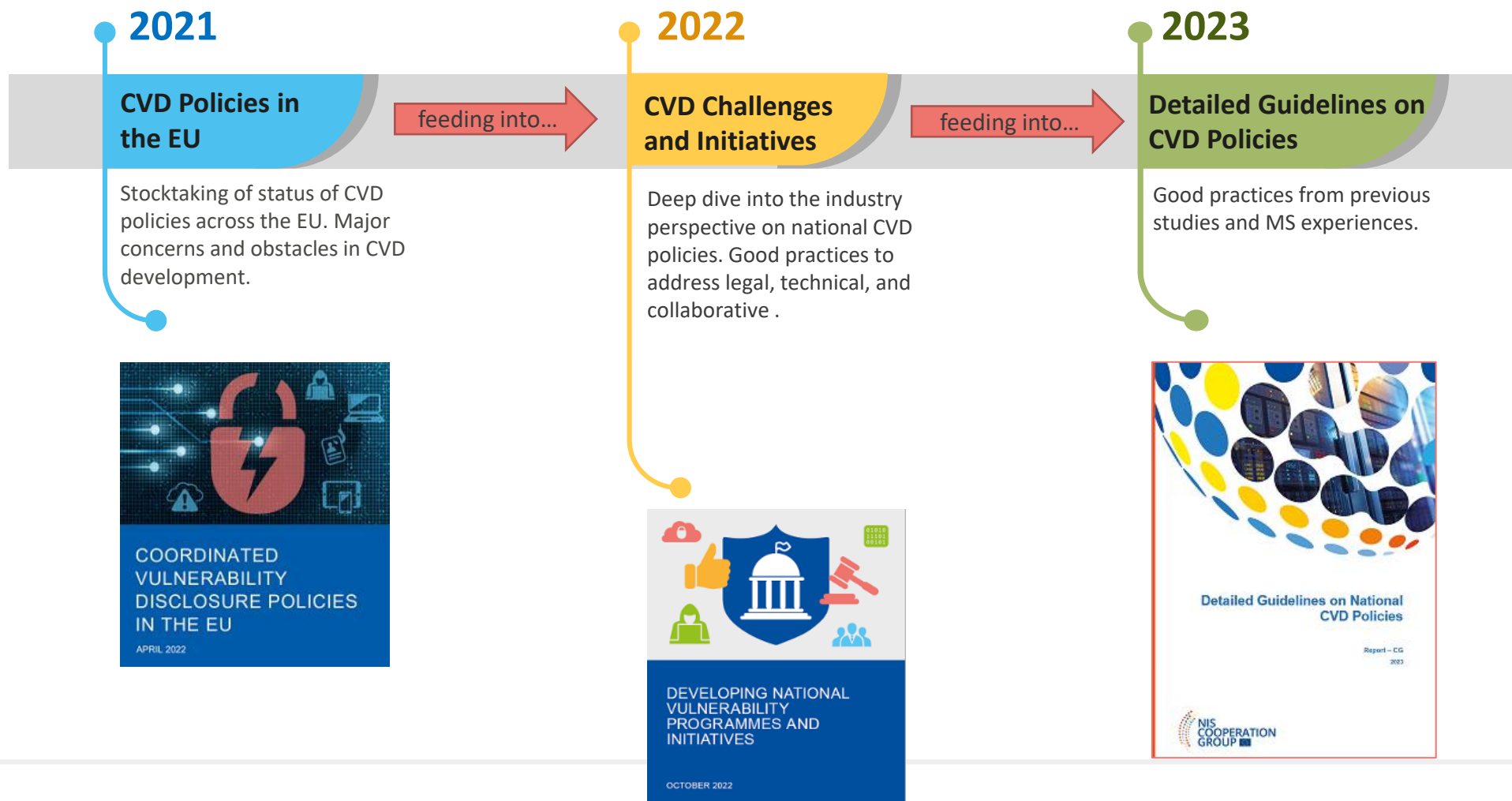
12 | 12 | 2024

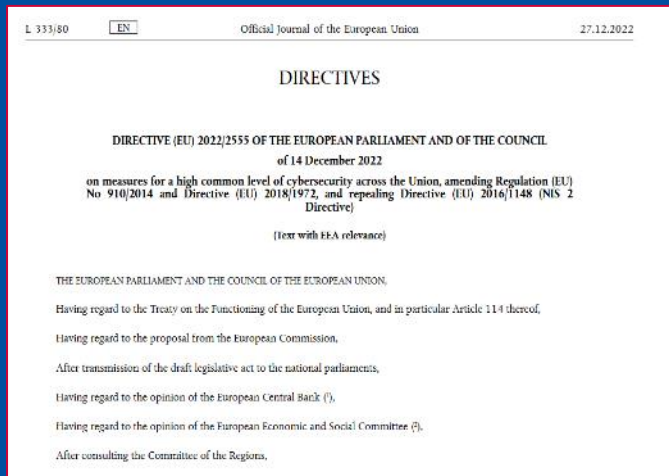


SUPPORTING CVD AT ENISA



STUDIES AND GUIDELINES





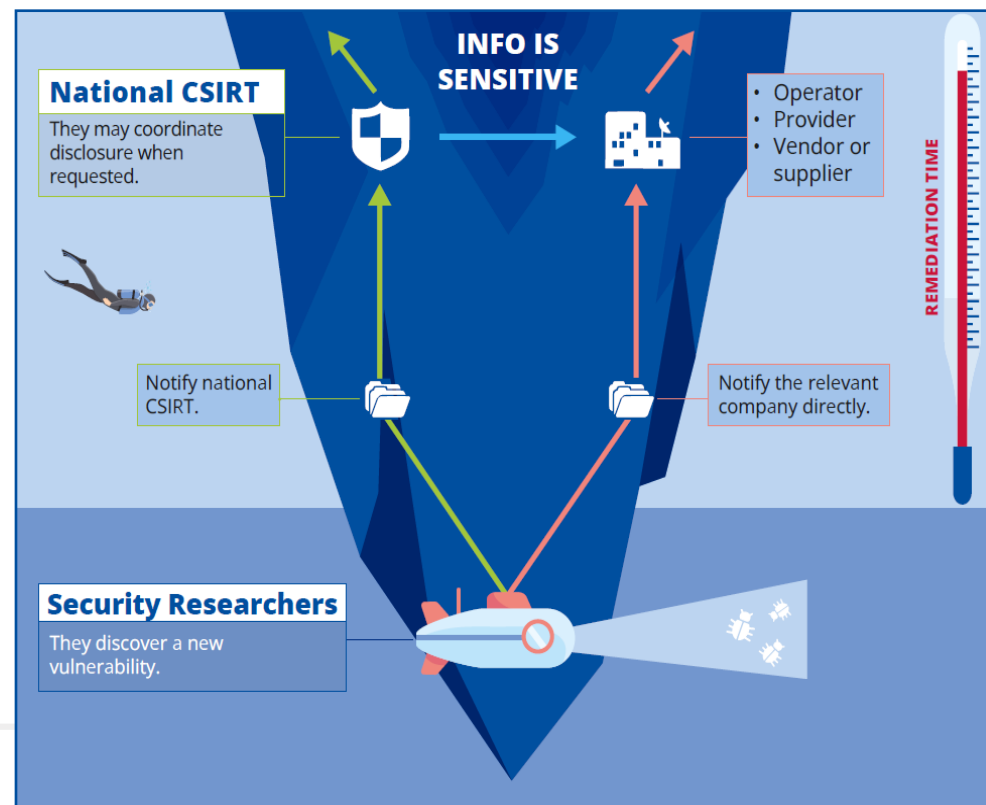
NIS2 Directive

THE EUVD + EU CVD

EU VULNERABILITY DISCLOSURE

NIS2 Keypoints - Coordinated Disclosure by MS

- MS shall designate one of its CSIRTs as coordinator for coordinated vulnerability disclosure
- trusted intermediary, facilitating the interaction between the entity reporting a vulnerability and the manufacturer or provider of the potentially vulnerable ICT products or ICT services
- The coordinating CSIRT shall cooperate with other coordinators within the CSIRTs network



CSIRTS > COORDINATED DISCLOSURE



State-of-play on CVD

An increasing number of MS and CERT-EU published CVD policies. Some EU Member States' CSIRTS have national vulnerability registries in place.



Decision on CSIRT coordinator

Formal assignment of coordinating CSIRT by EU MS pending.



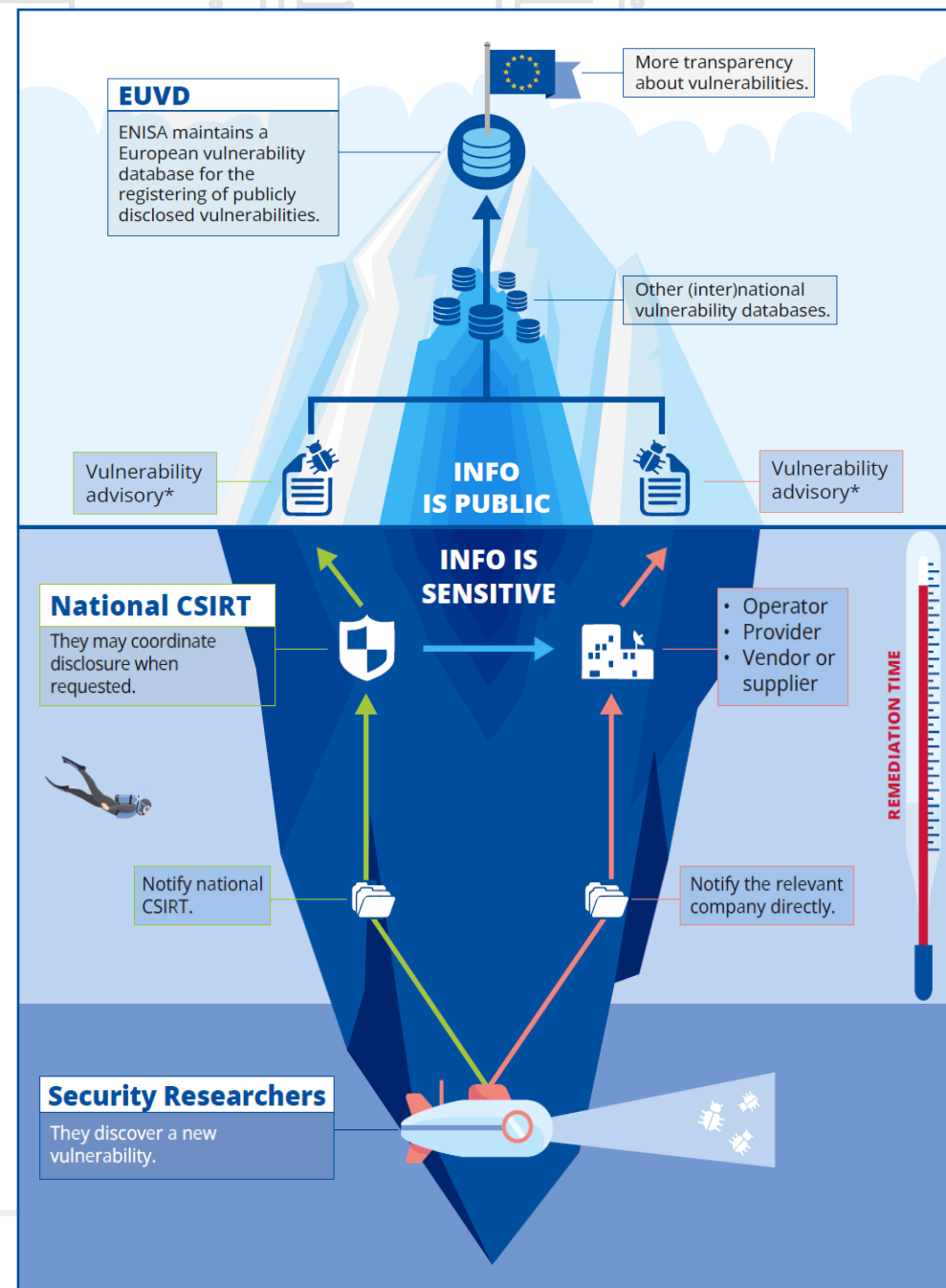
Level of interconnection among databases

'Cross-referencing' practices are relatively low. Limited and inconsistent content in terms of details, sources and references as well as lacking vulnerability IDs are a barrier to cross-referencing and data triangulation.

EU VULNERABILITY DATABASE

NIS2 Keypoints - EUVD & Registry service

- Publicly available
- Database entries need to include
 - Description of the vulnerability
 - Affected ICT service, severity, exploitability
 - Patch information and mitigation guidance
- Solution needs to build upon & utilize existing standards



ENISA > SUPPORT & DISCLOSURE



State-of-play

Following an EUVD stakeholder feedback collection phase and an internal preparation exercise ENISA finalized onboarding procedure for becoming a vulnerability registry (CVE Numbering Authority)



CNA approach

Registry service will focus on vulnerabilities that are reported by regional researchers, coordinated and disclosed by European CSIRTs, and that are affecting European vendors EUVD following a holistic approach



Level of interconnection among databases

Where available, external data sources will be included in order to increase data quality and coverage




Level of interconnection among databases

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Feeding the EUVD concept

- **Data synchronisation with existing databases** is practiced wherever possible by utilizing the OSS project **Vulnerability-Lookup** maintained by CIRCL.
- Builds upon **existing standards and systems** such as CVE, CVSS, EPSS, and highlights the severity and monitored exploitation of vulnerabilities.
- Available information relates to **impacted software versions** for being effectively usable.
- Utilizes **Common Security Advisory Framework** (currently as Aggregator) in order to collect vulnerability information and to make EUVD data available (trusted provider) in a standardized machine-readable format (as part of an upcoming enhancement).

VULNERABILITY DATABASE



EUROPEAN UNION
VULNERABILITY
DATABASE

All vulnerabilities

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FAQs

Search full text

Search by ID

Critical vulnerabilities

Show all vulnerabilities →

ID	Exploitation	CVSS Base Score	Vendor	Update Date	Assigner
EUVVD-2024-30462		v4.0:9.3	Capensis	25 - 03 - 2024	INCIBE
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.x...					
EUVVD-2024-30460	20%	v4.0:9.3	Fishpie	24 - 03 - 2024	CERT-PL
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config...					
EUVVD-2024-30452	3%	v4.0:9.2	Wiz	24 - 03 - 2024	wordfence
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config...					
EUVVD-2024-30462		v4.0:9.3	Capensis	24 - 03 - 2024	INCIBE
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.x...					

Show all critical vulnerabilities →

Exploited vulnerabilities

Show all vulnerabilities →

ID	Exploitation	CVSS Base Score	Vendor	Update Date	Assigner
EUVVD-2024-30462		v4.0:9.3	Capensis	25 - 05 - 2024	INCIBE
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.x...					
EUVVD-2024-30460		v4.0:9.3	Fishpie	25 - 05 - 2024	CERT-PL
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config...					
EUVVD-2024-30452		v4.0:8.2	Wiz	25 - 05 - 2024	wordfence
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config...					
EUVVD-2024-30462		v4.0:9.3	Capensis	24 - 05 - 2024	INCIBE
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.x...					

Show all exploited vulnerabilities →

EU CSIRT coordinated vulnerabilities

Show all vulnerabilities →

ID	Exploitation	CVSS Base Score	Description	Vendor	Update Date	Assigner
EUVVD-2024-30903	35%	v3.8: 6.1	Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.xml files on the Jenkins master where it can be viewed by users with Extended Read permission, or access to the master.	Brochris	25 - 03 - 2024	ENISA
EUVVD-2024-30902		v4.0: 7.1	Cross Application Scripting vulnerability in Vercom S.A. Redlink SDK in specific situations allows local code injection and to manipulate the view of a vulnerable application.This issue affects Redlink SDK versions through 1.13.	RedefiningTheWeb	25 - 03 - 2024	CERT-PL
EUVVD-2024-30900		v3.1:6.3	The PDF Image Generator plugin for WordPress is vulnerable to Reflected Cross-Site Scripting due to the use of add_query_arg without appropriate escaping on the URL in all versions up to, and including, 1.5.6. This makes it possible for unauthenticated...	Fishpie	25 - 03 - 2024	CERT-PL
EUVVD-2024-30903		v3.8: 6.1	Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.xml files on the Jenkins master where it can be viewed by users with Extended Read permission.	Brochris	25 - 03 - 2024	CERT-PL

Show all EU CSIRT coordinated vulnerabilities →



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VULNERABILITY DATABASE



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Critical vulnerabilities


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EUVD-2024-30462		v4.0:9.3	Capensis	25 - 03 - 2024	INCIBE
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.x...					
EUVD-2024-30460	20%	v4.0:9.3	Fishpie	24 - 03 - 2024	CERT-PL
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config...					
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EUVD-2024-30462		v4.0:9.3	Capensis	24 - 03 - 2024	INCIBE
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.x...					

Show all critical vulnerabilities →

EU CSIRT coordinated vulnerabilities

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EUVD-2024-30903	35%	v3.8: 6.1	Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.xml files on the Jenkins master where it can be viewed by users with Extended Read permission, or access to the master...
EUVD-2024-30902		v4.0: 7.1	Cross Application Scripting vulnerability in Vercom S.A. Redlink SDK in specific situations allows local code injection and to manipulate the view of a vulnerable application.This issue affects Redlink SDK versions through 1.13.
EUVD-2024-30900		v3.1: 6.3	The PDF Image Generator plugin for WordPress is vulnerable to Reflected Cross-Site Scripting due to the use of add_query_arg without appropriate escaping on the URL in all versions up to, and including, 1.5.6. This makes it possible for unauthenticated...
EUVD-2024-30903		v3.8: 6.1	Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.xml files on the Jenkins master where it can be viewed by users with Extended Read permission.



EUROPEAN UNION
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Show all exploited vulnerabilities →

Severity

Minimum score 0

Maximum score 10

Epss score

Minimum score 0%

Maximum score 1%

Search by Product

Search by Vendor

Search by Assigner

Filter by date

Start date

End date

dd/mm/aaaa

dd/mm/aaaa

Exploited

Apply filters

Reset filters

ID	Exploitation	CVSS Base Score	Product	Vendor	Update Date	Assigner
EUVD-2024-30903	4%	v3.8: 6.1	Enterprise Linux	Redhat	25 - 05 - 2024	INCIBE
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.xml files on the Jenkins master where it can be viewed by users with Extended Read permission, or access to the master...						
EUVD-2024-30902		v4.0: 7.1	Camel	Apache	25 - 05 - 2024	GitLab
Cross Application Scripting vulnerability in Vercom S.A. Redlink SDK in specific situations allows local code injection and to manipulate the view of a vulnerable application.This issue affects Redlink SDK versions through 1.13.						
EUVD-2024-30901		v4.0: 9.5	Linux Kernel	Linux	25 - 05 - 2024	Wordfence
Improper Handling of Exceptional Conditions vulnerability in Daurnimator lua-http library allows Excessive Allocation and a denial of service (DoS) attack to be executed by sending a properly crafted request to the server. This issue affects lua-http...						
EUVD-2024-30900		v3.8: 6.1	GitSign	Sigstore	25 - 05 - 2024	INCIBE
The PDF Image Generator plugin for WordPress is vulnerable to Reflected Cross-Site Scripting due to the use of add_query_arg without appropriate escaping on the URL in all versions up to, and including, 1.5.6. This makes it possible for unauthenticated...						
EUVD-2024-30899	23%	v4.0: 7.1	Xml Database	Oracle	25 - 05 - 2024	Wordfence
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.xml files on the Jenkins master where it can be viewed by users with Extended Read permission.						
EUVD-2024-30898	78%	v4.0: 7.1	Thinmanager	Rockwellautomation	25 - 05 - 2024	Wordfence
IMPACT An authentication vulnerability exists in the affected product. The vulnerability could allow a threat actor with network access to send crafted messages to the device, potentially resulting in database manipulation.						
EUVD-2024-30897	4%	v3.8: 2.1	Xml Database	Oracle	25 - 05 - 2024	Wordfence
Jenkins Dynamic Extended Choice Parameter Plugin 1.0.1 and earlier stores a password unencrypted in job config.xml files on the Jenkins master where it can be viewed by users with Extended Read permission.						
EUVD-2024-30896	10%	v4.0: 7.1	Android	Google	25 - 05 - 2024	Wordfence
In ccu, there is a possible out of bounds write due to a missing bounds check. This could lead to local escalation of privilege with System execution privileges needed. User interaction is not needed for exploitation. Patch ID: ALP509037038; Issue ID: MSV-1714.						
EUVD-2024-30895		v3.8: 6.1	Razer Central	Razer	25 - 05 - 2024	Wordfence
Improper Privilege Control in RazerCentralService Named Pipe in Razer RazerCentral <=7.11.0.558 on Windows allows a malicious actor with local access to gain SYSTEM privilege via communicating with the named pipe as a low-privilege user and calling "AddModule" or "UninstallModules" command to execute arbitrary executable file.						
EUVD-2024-30894	4%	v4.0: 7.1	Elliptic	Nodejs	25 - 05 - 2024	Wordfence
The Elliptic package 6.5.7 for Node.js, in its for ECDSA implementation, does not correctly verify valid signatures if the hash contains at least four leading 0 bytes and when the order of the elliptic curve's base point is smaller than the hash, because of an truncateToN anomaly. This leads to valid signatures being rejected. Legitimate transactions or communications may be incorrectly flagged as invalid.						

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TEXTS ADOPTED

P9_TA(2024)0130

Cyber Resilience Act

European Parliament legislative resolution of 12 March 2024 on the proposal for a regulation of the European Parliament and of the Council on horizontal cybersecurity requirements for products with digital elements and amending Regulation (EU) 2019/1020 (COM(2022)0454 – C9-0308/2022 – 2022/0272(COD))

(Ordinary legislative procedure: first reading)

The European Parliament,

- having regard to the Commission proposal to Parliament and the Council (COM(2022)0454),
- having regard to Article 294(2) and Article 114 of the Treaty on the Functioning of the European Union, pursuant to which the Commission submitted the proposal to Parliament (C9-0308/2022),

Cyber Resilience Act

THE CRA SRP

REPORTING OBLIGATION [1]

	24 hrs.	72 hrs.	14 days	1 month
AEV [2]	<ul style="list-style-type: none">• Early notification• Member States where product is available	<ul style="list-style-type: none">• Impacted product(s)• Nature of the vulnerability• Initial Assessment• Corrective/mitigating actions	<ul style="list-style-type: none">• Detailed description, severity and impact• Info on malicious actors• Security updates/corrective measures	
Incidents [3]	<ul style="list-style-type: none">• Early notification• Whether is suspected caused by malicious act• Member States where product is available	<ul style="list-style-type: none">• Nature of the incident• Initial Assessment• Corrective/mitigating actions		<ul style="list-style-type: none">• Detailed description, severity and impact• Type of threat or root cause• Ongoing mitigation

[1] As defined by the regulation [<https://eur-lex.europa.eu/eli/reg/2024/2847/oj>]

[2] Actively Exploited Vulnerabilities

[3] Incidents having an impact on the security of the product with digital elements



SRP IMPLEMENTATION PLAN AND BENEFITS

Implementation Planning

- Stakeholder consultation
- Resources allocated (Finance and Human)
- Draw of High Level Design and specification
- Tender launch by early 2025
- Implementation and deployment
- Operational by July 26

Expected Benefit

- Contribute to Common Situational awareness and enable faster response at EU Level
- Create a safe channel for Responder to Vendor information exchange
- Increase maturity on PSIRT process in the EU internal market
- Provide opportunity for consolidation of mandatory reporting for Cyber



THE EUVD AND THE CRA SRP

Information exchange standard will likely be CSAF

- industry accepted language created for exchanging security related advisories.
- allows participants to automate the creation, consumption and exchange of security vulnerability information and remediation.
- covers both types of information that the solution will need to handle, i.e. vulnerability and incident reports.
- supports different “profiles” (customisations to cover reporting entity and/or use-case specific needs). Relevant profiles shall be defined and published through the platform making potential integrators with the platform aware of the supported data format and schema.

THE EUVD AND THE CRA SRP

After a security update or another form of corrective or mitigating measure is available, ENISA shall, in agreement with the manufacturer of the product with digital elements concerned, add the publicly known vulnerability notified to the European vulnerability database established

- Manufacturers should exercise due diligence. The appropriate level depends on the nature and the level of cybersecurity risk associated with a given component by verifying that a component is free from vulnerabilities registered in the European vulnerability database or other publicly accessible vulnerability DBs.
- ENISA [should] have an adequate overview of such vulnerabilities and are provided with the information necessary to fulfil their tasks and raise the overall level of cybersecurity of essential and important entities as well as to ensure the effective functioning of market surveillance authorities.

THANK YOU FOR YOUR ATTENTION

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