

Why you need to care about the CRA

Even if you don't care about Europe

April 17, 2025



Who is this clown?



CRob, n, adj, and v

Pronunciation: U.S. (K-rowb)

Chief Security Architect, OpenSSF - Linux Foundation

chmod 666 crob.md

43rd level Dungeon Master

26th level Securityologist

Does security stuff on the internet (a series of tubes)

Pirate-enthusiast & hat-owner

FIRST PSIRT SIG leader & VulnCon program committee

Disclaimer/ Weasel Words

CRob is not a lawyer.

CRob is certainly not YOUR lawyer.

These are thoughts, feelings, and insights
from CRob's career; consult YOUR attorney
to understand what YOU and YOUR Org

needs to be doing



Created by Microsoft Designer using the prompt "in the style of pixar, show a fun-loving lawyer weasel"



OpenSSF

OPEN SOURCE SECURITY FOUNDATION

"HONK! HONK, I say! HONK!"

What is the OpenSSF?

[What's up with all the Geese?](#)



Mission

Est. 2020

The Open Source Security Foundation (OpenSSF) seeks to make it easier to **sustainably secure the development, maintenance, and consumption of the open source software (OSS) we all depend on.** This includes fostering collaboration, establishing best practices, and developing innovative solutions.

Vision

OSS is a digital public good and as an industry, we have an obligation to address the security concerns with the community. **We envision a future where OSS is universally trusted, secure, and reliable.** This collaborative vision enables individuals and organizations in a global ecosystem to confidently leverage the benefits and meaningfully contribute back to the OSS community.



OpenSSF

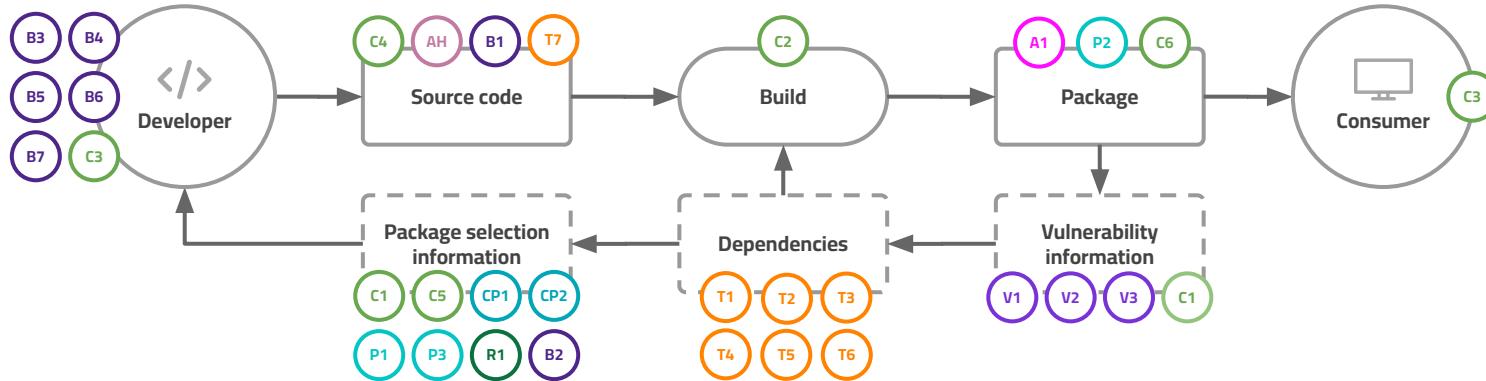
OPEN SOURCE SECURITY FOUNDATION

Assembling a compelling security story

Global cybersecurity legislation is continuing to grow and expand the compliance obligations for enterprises, manufacturers, and impacts upstream open source developers & projects

The OpenSSF has 8 working groups, 19 software projects, and multiple guides, practices, and other artifacts

OpenSSF Technical Initiatives Landscape



Best Practices

- B1. [OpenSSF Best Practices Badge](#) project
- B2. [OpenSSF Scorecard](#) project
- B3. [Education](#) SIG
- B4. [Memory Safety](#) SIG
- B5. [C/C++ Compiler Options](#) SIG
- B6. [Python Hardening](#) SIG
- B7. [Security Baseline](#) SIG

Supply Chain Integrity

- C1. [Security Insights](#) project
- C2. [SLSA](#) project
- C3. [S2C2F](#) project
- C4. [Gittuf](#) project
- C5. [GUAC](#) project
- C6. [Zarf](#) project M

Security Tooling

- T1. [SBOM Everywhere](#) SIG
- T2. [OSS Fuzzing](#) SIG
- T3. [SBOMit](#) project
- T4. [Protobom](#) project
- T5. [bomctl](#) project
- T6. [Fuzz Introspector](#) project
- T7. [Minder](#) project

Securing Critical Projects

- CP1. [criticality_score](#) project
- CP2. [Package Analysis](#) project

Projects

- P1. [Alpha & Omega](#) project
- P2. [Sigstore](#)
- P3. Core Toolchain Infrastructure (CTI)

DevRel Community

- A1. [Model Signing](#) SIG

BEAR -Belonging, Empowerment, Allyship, , Acceptance, Representation)

- R1. [RSTUF](#) Project

Vulnerability Disclosures

- V1. [CVG Guides](#) SIGs
- V2. [OSV Schema](#) project
- V3. [OpenVEX](#) SIG
[OpenVEX](#) Project
Table Top Exercises (TTX)

Global Cyber Policy

www.openssf.org/getinvolved

What is this CRA this guy keeps jabbering on about?



Created by Microsoft Designer using the prompt "in the style of pixar an eu cyber threat"

Welcome to the awesome World of Global CyberSecurity Compliance

Just ~100 years of applicable laws and frameworks that apply to “the cybers”

A Sampling of International CyberSecurity Guidance and Regulations

Early years ...

- 1914 - USA - Federal Trade Commission Act §5 - an information security regulation and a privacy law
15 U.S. Code § 45
- 1986 - USA - Computer Fraud & Abuse Act - to address the growing threat of computer hacking - HR4718
- 1999 - USA - Gramm-Leach-Bliley Act - an information security and a privacy law.
15 U.S. Code Subchapter I

2000-2010

- 2000 - ISO/IEC 17799 → ISO 27002 (renumbered 2007) - guidance and recommendations for information security management systems
- 2000 - CA - Personal Information Protection & Electronic Documents Act (PIPEDA) - sets rules for how private-sector organizations collect, use, and disclose personal information in the course of for-profit, commercial activities across Canada
- 2002 - USA - Sarbanes-Oxley (SOX) - mandates organizations to prove their cybersecurity controls
- 15 US Code Chapter 98
- 2002 USA - Homeland Security Act of 2002
- 2003 - JP - Act on the Protection of Personal Information (APPI) - Japan's primary data protection legislation,
- 2004 - Payment Card Industry Data Security Standard (PCI-DSS) - the payment card industry established this set of security standards for cardholder data, a critical piece of sensitive information
- 2004 - US - NIST Cyber Security Framework (CSF)
- 2005 - ISO 27001 - helps organizations manage the security of their information assets. It provides a framework for implementing an information security management system
- 2005 - USA - Health Insurance Portability & Accountability Act Privacy Rule (HIPAA) - has security, privacy, and breach notification rules.
- 2009 - USA - Health Information Technology for Economic and Clinical Health Act (HITECH) - complements HIPAA by emphasizing electronic health records (EHRs) and the advancement of healthcare information technology

2011-2019

- 2011 - USA - NTIA's 1st version of Software Bill of Materials (SBOM) published
- 2014 - JP - Basic Cybersecurity Act - first law enacted within the G7 focused on cybersecurity
- 2015 - USA - Cybersecurity Information Sharing and Cooperation Act (CISA) - focuses on improving the communication of cybersecurity threat information between the private sector and the federal government
- 2016 - EU - Directive on Security of Network and Information Systems (NIS) - creates an overall higher level of cybersecurity in the EU
- 2016 - EU-USA - EU-US Privacy Shield - framework developed to protect EU residents' data held and processed by organizations based in the US. In 2020, a proposed Trans-Atlantic Data Privacy Framework was being discussed
- 2018 - EU - General Data Protection Regulation (GDPR) - regulates how personal data of individuals within the EU can be collected, processed, and transferred
Corrigendum to Regulation (EU) 2016/679
- 2019 - USA - NIST Secure Software Development Framework (SSDF) - NIST SP 800-218

"Modern" Guidance

- 2021 - USA - WH Executive Order 14020: Improving the Nation's Cybersecurity - requires US agencies to enhance cybersecurity and software supply chain integrity.
- 2021 - USA - CISA's SBOM Minimum elements published
- 2022 - JP - Revision of National Security Strategy (NSS), National Defense Strategy (NDS), and Defense Buildup Program (DBP) - Updates to improve the response capabilities [of Japan] in the field of cybersecurity
- 2022 - EU - Digital Operational Resilience Act (DORA) - to improve the digital operational resilience of financial entities in the EU and third countries and create a uniform regulatory framework across the EU
- 2023 - EU - NIS2 - aims to extend the scope of obligations on entities required to take measures to increase their cybersecurity capabilities
- 2023 - JP - METI - Guide of Introduction of Software Bill of Materials (SBOM) for Software Management
- 2023 - IN - Digital Personal Data Protection Act - India's first comprehensive data protection law, designed to protect the privacy of individuals
- 2024 - EU - Cyber Resilience Act (CRA) - an EU-wide cybersecurity certification framework for digital products, services and processes. It complements the NIS Directive

Forthcoming....



OpenSSF

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The EU CRA - Basics and Obligations

The EU Cyber Resilience Act (CRA) establishes essential cybersecurity requirements that all businesses and open source communities operating in the EU will have to implement. As the first EU-wide cybersecurity regulation that explicitly defines the separate roles of manufacturers and open source software stewards, it changes the playing field for the collaborative development of open source software and reshapes the relationship between open source foundations and their member companies. Key topics covered by this presentation include who is responsible for being CRA compliant, what the essential requirements and obligations are, and what support the Linux Foundation will provide in the redefined open source software steward role.

EU Cyber Resilience Act

The EU acts to strengthen the approach to cybersecurity regulation at union level. The CRA aims to achieve 3 policy goals:

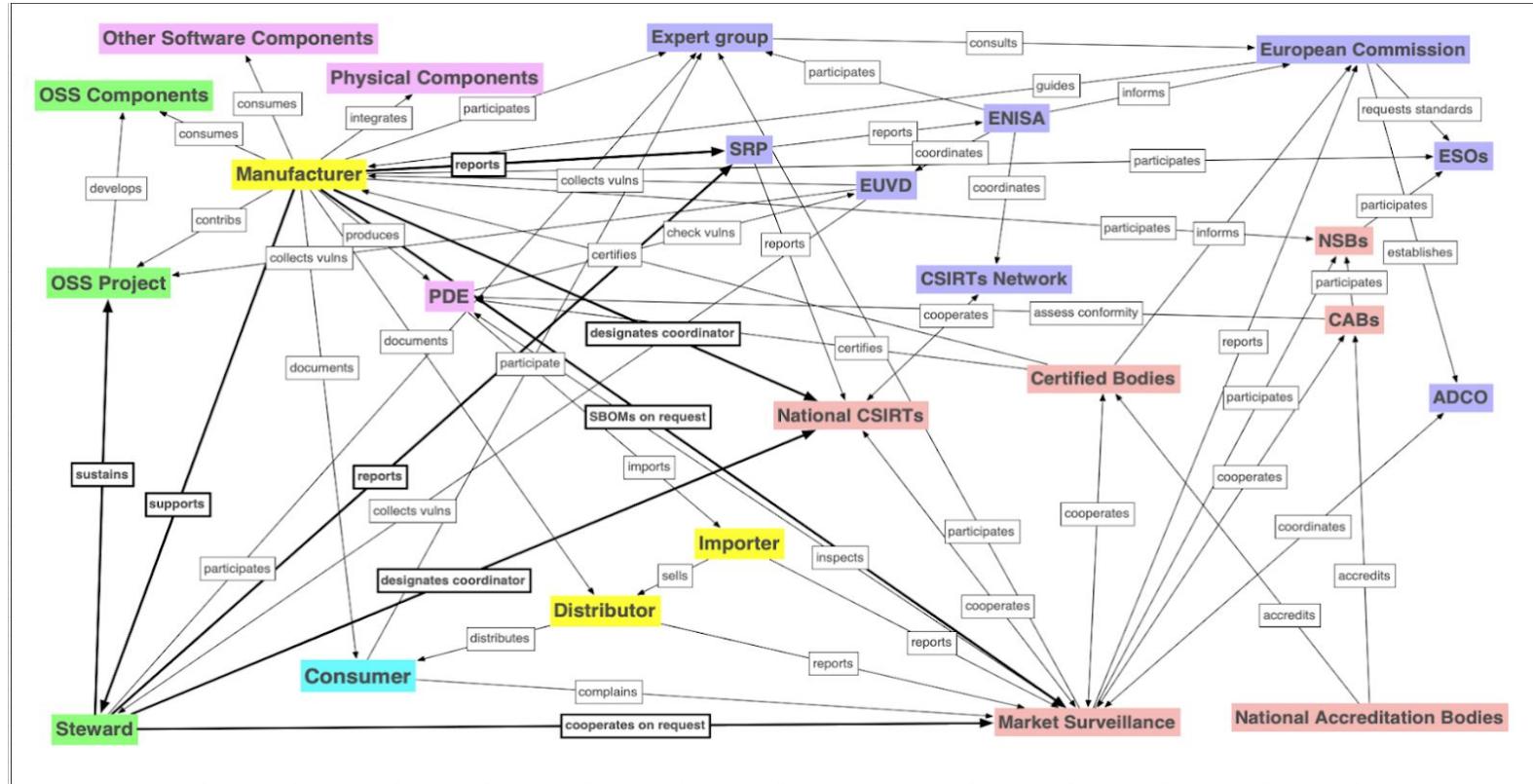
- To reduce vulnerabilities in digital products,
- To ensure cybersecurity is maintained throughout a product's life cycle and
- To enable users to make informed decisions when selecting and operating digital products

The CRA establishes horizontal mandatory cyber-security requirements for all digital products, software and/or hardware.

It imposes objective-oriented and technology-neutral requirements in order to make products available in the EU.

The EU intends to play a leading international role in cybersecurity regulation.

CRA Roles - Nothing confusing about this....



Manufacturers and OSS stewards

Manufacturer:
full range of obligations

...means any natural or legal person who develops or manufactures **products with digital elements** or has products with digital elements designed, developed or manufactured, **and markets them** under his or her name or trademark, whether for payment, monetisation or free of charge

(Article 3(18))

Open source software steward:
light-touch regulatory regime

...means any legal person, **other than a manufacturer**, which has the purpose or objective to **systematically provide support** on a sustained basis for the development of specific products with digital elements qualifying as **free and open-source software** that are intended for commercial activities, and **ensures the viability** of those products

(Article 3(18a))

Annex 1 - the TL/DR of the 90+ page law

Annex I covers ~21 requirements, divided between “cybersecurity” (think SDLC/Sec-By-Design/default + risk management) and “vulnerability handling”



Created by Microsoft Designer using the prompt "In the style of pixar movies, a sloth reads long list of requirements, but it is too long"

<https://eur-lex.europa.eu/eli/reg/2024/2847/oj>

CRA PSIRT TL/DR from VulnCon 2025 -
https://github.com/SecurityCRob/presentations/blob/main/CRA%20PSIRT%20TL_DR.pdf

Consequences on non-compliance

Article 64 lays out the framework for
Penalties of non-compliance....

Emphasis added



Created by Microsoft Designer using the prompt "in the style of a pixar movie, a cybernetic goose is surprised by a large utility bill"

2. Non-compliance with the **essential cybersecurity requirements** set out in Annex I and the obligations set out in Articles 13 and 14 *shall be subject to administrative fines of up to EUR 15 000 000 or, if the offender is an undertaking, up to 2,5 % of the its total worldwide annual turnover for the preceding financial year, whichever is higher.*
3. Non-compliance with the obligations set out in Articles 18 to 23, Article 28, Article 30(1) to (4), Article 31(1) to (4), Article 32(1), (2) and (3), Article 33(5), and Articles 39, 41, 47, 49 and 53 *shall be subject to administrative fines of up to EUR 10 000 000 or, if the offender is an undertaking, up to 2 % of its total worldwide annual turnover for the preceding financial year, whichever is higher.*
4. **The supply of incorrect, incomplete or misleading information to notified bodies and market surveillance authorities** in reply to a request *shall be subject to administrative fines of up to EUR 5 000 000 or, if the offender is an undertaking, up to 1 % of its total worldwide annual turnover for the preceding financial year, whichever is higher.*

- Upstream Open Source Developers
- Companies that sell products within the EU
- Companies buying things made in the EU
- Companies that sell or buy things within a country*
- Downstream OSS Consumers
- Disaffected College Students
- Security Enthusiasts
- GRC people/"compliance SUPERfans"!
- People that are just here for the snacks
 - (aka when is this guy going to shut up?)

Who should care about this?

Ripped from the headlines!

Open Source and the CRA: It Will Not Work

THE LINUX FOUNDATION | 21 SEPTEMBER 2023



Expect to see open source "not approved for the EU" if the EU CRA goes forward

With the adoption of open source software into the fabric of societies, the ecosystem needs to improve how we protect downstream users with regards to cyber security. OpenSSF is taking that challenge head-on. Many other efforts are underway to improve security in open source software critical to the world, starting at the beginning of the software supply chain in the projects themselves. The open source ecosystem is at the forefront of software security - not laggards. It's been downstream products and implementations that generally lack secure software practices. Software providers' devices is often out of sync with the current upstream projects, vendors don't provide software updates, and products are often released to the market with insecure configurations.

<https://www.linuxfoundation.org/blog/open-source-and-the-cra-will-not-work>

In letter to EU, open source bodies say Cyber Resilience Act could have 'chilling effect' on software development

Paul Sawers — 3:37 AM PDT · April 18, 2023

LF Research

Blog

<https://techcrunch.com/2023/04/18/in-letter-to-european-commission-open-source-bodies-say-cyber-resilience-act-could-have-chilling-effect-on-software-development/>



Computer Law & Security Review

Volume 56, April 2025, 106105



The end of open source? Regulating open source under the cyber resilience act and liability directive

Cite

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Open access

Source model leverages collaborative intelligence to drive benefits for both industry and society. As open-source plays a increasingly central role in driving the digitalization of society, interactions between upstream open-source manufacturers. They aim to leverage the benefits of OSS, and adaptability across diverse domains, while maintaining accountability. The regulatory landscape is on the brink of

a major transformation with the recent adoption of both the Cyber Resilience Act (CRA) as well as the Product Liability Directive (PLD), raising concerns that these laws could threaten the future of OSS.

<https://www.sciencedirect.com/science/article/pii/S0267364924001705>

What we want to avoid



Created by Microsoft Designer using the prompt "in the style of a pixar movie an angry mob chase a developer with pitchforks and torches"

Dear Haxx Team Partner,

You are receiving this message because [REDACTED] uses a product you developed. We request you review and respond within 24 hours of receiving this email. If you are not the right person, please forward this message to the appropriate contact.

As you may already be aware, a newly discovered zero-day vulnerability is currently impacting Java logging library Apache Log4j globally, potentially allowing attackers to gain full control of affected servers.

The security and protection of our customers' confidential information is our top priority. As a key partner in serving our customers, we need to understand your risk and mitigation plans for this vulnerability.

Please respond to the following questions using the template provided below.

1. If you utilize a Java logging library for any of your applications, what Log4j versions are running?
2. Have there been any confirmed security incidents to your company?
3. If yes, what applications, products, services, and associated versions are impacted?
4. Were any [REDACTED] product and services impacted?
5. Has [REDACTED] non-public or personal information been affected?
6. If yes, please provide details of affected [REDACTED] information immediately.
7. What is the timeline (MM/DD/YY) for completing remediation? List the steps, including dates for each.
8. What action is required from [REDACTED] to complete this remediation?

In an effort to maintain the integrity of this inquiry, we request that you do not share information relating to [REDACTED] outside of your company and to keep this request to pertinent personnel only.

Thank you in advance for your prompt attention to this inquiry and your partnership!

Sincerely,

[REDACTED] Information Security

The information contained in this message may be CONFIDENTIAL and is for the intended addressee only. Any unauthorized use, dissemination of the information, or copying of this message is prohibited. If you are not the intended addressee, please notify the sender immediately and delete this message.

<https://daniel.haxx.se/blog/2022/01/24/log4-security-inquiry-response-required/>

Is anyone DOING anything about this?



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Many people are.

The OSS upstream ecosystem is VERY involved with collaborating with the EC, the assorted expert & standards groups, the projects that they “steward” and the member-manufacturers that must be compliant with the law Dec 2027.

The LF/OpenSSF and the Eclipse Foundation are two of the leading open source expert groups consulting with the myriad of stakeholders affected by this new legislation, but we are not alone.



DEV DEVOPS FEATURED LET'S TALK OPEN SOURCE SHOWS

OpenSSF And LF Europe Collaborate To Ensure Open Source Compliance With Laws Like CRA

The open source community is facing a significant regulatory shift with the introduction of the European Union's Cyber Resilience Act (CRA), slated to take full effect by Q3 2027. In response, the Open Source Security Foundation (OpenSSF) and Linux Foundation Europe (LF Europe) have launched a joint initiative to ensure compliance while protecting open source maintainers from undue liability.



By SWAPNIL BHARTIYA ⌂ February 19, 2025

<https://tfir.io/openssf-and-lf-europe-collaborate-to-ensure-open-source-compliance-with-laws-like-cra/>

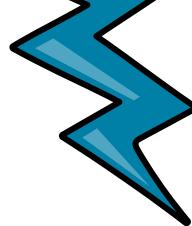
Why are we making yet another thing?

- 1) Global **cybersecurity legislation** is continuing to grow and **expand** the compliance obligations for enterprises, manufacturers, and **impacts upstream open source developers & projects**
- 2) Existing security frameworks have two primary **assumptions that are not universally true**: you're already in the security space, or you are on GitHub
- 3) **Continued lack of trust in open source** despite it being transparent, its **difficult to understand how you can trust it**
 - a) transparency does not mean all information is available (or exists)
- 4) Understanding is key, time and again **security is most successful when it meets developers where they are**, in workflow, in jargon, and in **contextualizing effort with cost-benefit analysis**.

HOW STANDARDS PROLIFERATE:
(SEE: A/C CHARGERS, CHARACTER ENCODINGS, INSTANT MESSAGING, ETC)



src: <https://xkcd.com/927>
CC BY-NC 2.5, no change



Enter the
***OPEN SOURCE PROJECT SECURITY
(OSPS) BASELINE***

<insert dramatic music>
a collab between the OpenSSF, FINOS, CNCF, LF EU & OpenJS



aa-spuhs bays-line : kindly encouragement and guidance for improving the security of open source projects

All your Base are belong to us



<https://baseline.openssf.org>

<https://github.com/ossf/security-baseline>

The OpenSSF Security Baseline was released Feb 2025

Based on a library of well-known cybersecurity frameworks, standards, and global regulations

It includes 40 requirements across 3 levels of maturity covering 8 areas of cyber and application security practices

- Access Control
- Build & Release
- Documentation
- Governance
- Legal
- Quality
- Security Assessment
- Vulnerability Management

Standards + frameworks-based criteria

ACCESS CONTROL

How is access and changes to the code and pipeline managed?

DOCUMENTATION

What does the project provide for docs, guides, and other artifacts?

LEGAL

What licenses are in place for the project?

GOVERNANCE

What are the project's policies & procedures?

BUILD + RELEASE

How are the CI/CD pipelines configured and managed + build artifact guarantees?

QUALITY

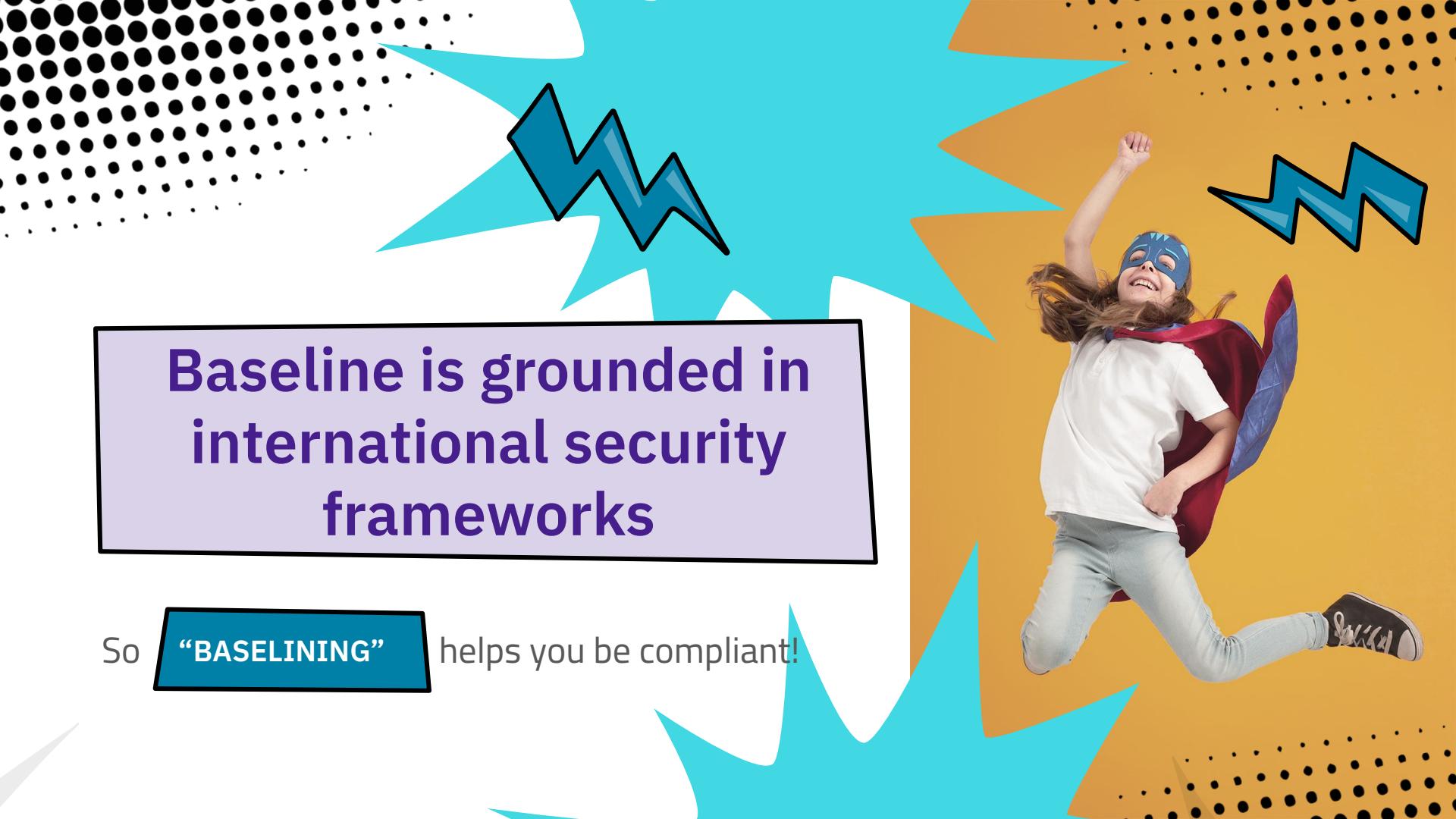
What testing and change management are in place?

SECURITY ASSESSMENT

How does the project evaluate and assess threats and risks?

VULN MANAGEMENT

How does the project find, fix, and disclose security vulnerabilities?

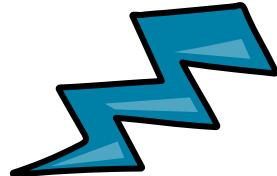


Baseline is grounded in international security frameworks

So “BASELINING” helps you be compliant!



Global Frameworks



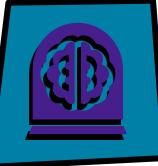
**ISO 27001
ISO 27002**

International InfoSec
frameworks



EU CRA + PLD

The Cyber Resilience
Act and Product
Liability Directive



NIST CSF 2.0

NIST's Cybersecurity
Framework

NIST SSDF 1.1

NIST's Secure Software
Development
Framework



CSA CCM V4

Cloud Security
Alliance's Cloud
Controls Matrix



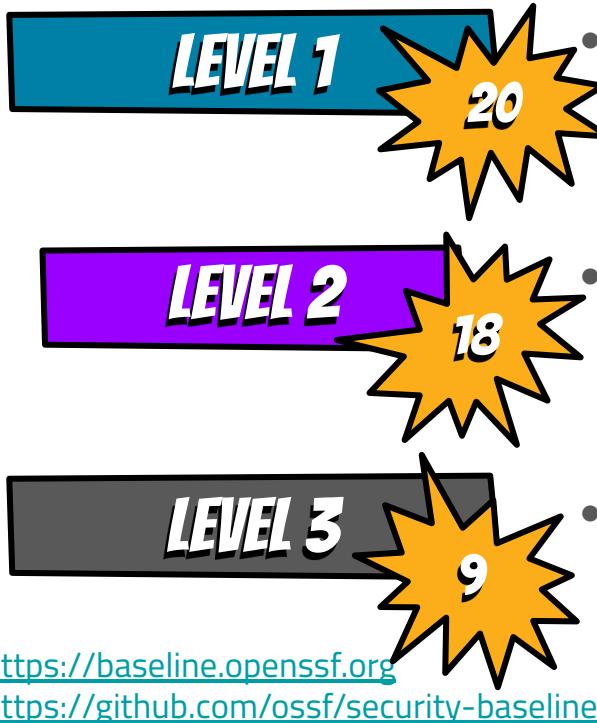
...AND MANY OTHERS!

Compliance Crosswalk

OpenSSF Open Source Project Security Baseline										OpenSSF Mappings					CRA	SSDF 1.1	NIST CSFv2	OpenChain ISO/IEC 18974-2023	OpenCRE	
Category	ID	Control Statement	Objective	Maturity Level	Requirement Statement	Recommendations	BP Badges	Scorecard Probe	Security Insights Value	SLSA	S2C2E	This column has all the NIST SSDF (800-218) requirements	This column has the NIST Cyber Security Framework V2 requirements	This column has the NIST CSFv2 requirements	link	link	link	link	link	
Updated 27Feb2025			- Level 1 should contain criteria that would benefit any code or non-code project with any number of maintainers or users. (this definition is WIP) - Level 2 should contain criteria that would benefit any code project that has at least 2+ maintainers and a small number of consistent users. (this definition is WIP) - Level 3 should contain criteria for any code project that has a large number of consistent users.																	
Category	ID	Control Statement	Objective	Maturity Level	Requirement Statement	Recommendations	BP Badges	Scorecard Probe	Security Insights Value	SLSA	S2C2E	This column has all the NIST SSDF (800-218) requirements	This column has the NIST Cyber Security Framework V2 requirements	This column has the NIST CSFv2 requirements	link	link	link	link	link	
Build & Release	OSPS-BR-03.02		Provide transparency and accountability for changes made to the project's software releases, enabling users to understand the modifications and improvements included in each release.	Only releases MUST be signed or have a signed manifest file.	Ensure that the project uses a URL as an official distribution channel, that URL MUST be exclusively delivered using encrypted channels.	only fetch logs from websites, API responses, and other services which use encrypted channels such as SSH or HTTPS for data transmission.													486-813, 056-496, 124-564, 737-771, 347-352, 263-164, 208-355, 745-366, 732-148	
Build & Release	OSPS-BR-04	All releases MUST provide a descriptive log of functional and security modifications.	Include a descriptive log of functional and security modifications in each release.	Provide transparency and accountability for changes made to the project's software releases, enabling users to understand the modifications and improvements included in each release.		CC-B-8, CC-B-9, CC-B-10, CC-B-11, CC-B-12	Choose an appropriate build platform. Follow a consistent build process. Build platform - Isolation strength - isolated			1.2d, 1.2f, 1.2h, 1.2j, 1.2k	PS1, PS2, PS3, PW1.2	RS.AH-03				4.1.2				
Build & Release	OSPS-BR-04.01				OSPS-BR-04 - All releases MUST provide a descriptive log of functional and security modifications.	Provide transparency and accountability for changes made to the project's software releases, enabling users to understand the modifications and improvements included in each release.														
Build & Release	OSPS-BR-05	All build and release pipelines MUST use standardised tooling where available to ingest dependencies at build time.	Ensure that all releases use standardised tooling and proactively detect compatibility issues and vulnerabilities.		OSPS-BR-04.01	Requirement: When an official release is created, that release MUST contain a descriptive log of functional and security modifications.													486-813, 124-564, 347-352, 715-334	
Build & Release	OSPS-BR-05.01				OSPS-BR-04.01	Requirement: When an official release is created, that release MUST contain a descriptive log of functional and security modifications.														
Build & Release	OSPS-BR-06	Produce all released software assets with signatures and hashes.	All released software assets must be signed or have a signed manifest file.		OSPS-BR-04.01	Requirement: When an official release is created, that release MUST contain a descriptive log of functional and security modifications.													486-813, 124-564, 347-352, PW1.2	
Build & Release	OSPS-BR-06.01				OSPS-BR-04.01	Requirement: When an official release is created, that release MUST contain a descriptive log of functional and security modifications.														
Documentation	OSPS-DO-01	The project documentation MUST provide user guides for all basic functionality.	Ensure that user guides are comprehensive, project current status, and include links to relevant resources.		External Framework Mappings	LEVEL 2 & 3														036-275

<https://docs.google.com/spreadsheets/d/1an5mx3rayoz3JRFUepD56zgprpwXBXBG70fVZvIMCpA/>

What are these levels you speak of?



“Universal security floor” for all open source - great for single maintainer or early maturity projects

- Are you a Foundation? the level 1 baseline should be your first set of criteria for maturing projects (or even accepting projects).

Let me get my cli, i got this - good for projects with 2 - 6 maintainers and maturing

Security *flex* - good for highly mature projects that consider security a core competency

- Are you in a Foundation with project resources? You should strive for this one.



OpenSSF

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Why Baseline Matters

Value-prop for Devs

- Gives direct and actionable advice for improving security practices
- Provides the ability for Developers/projects to show they follow reasonable security measures as well as ways to improve
- Allow projects to humble-brag about how great they are
- Collects common downstream requests (nags/demands) and advertises them so Downstream can RTFM and stop harassing their unpaid Upstream component sources

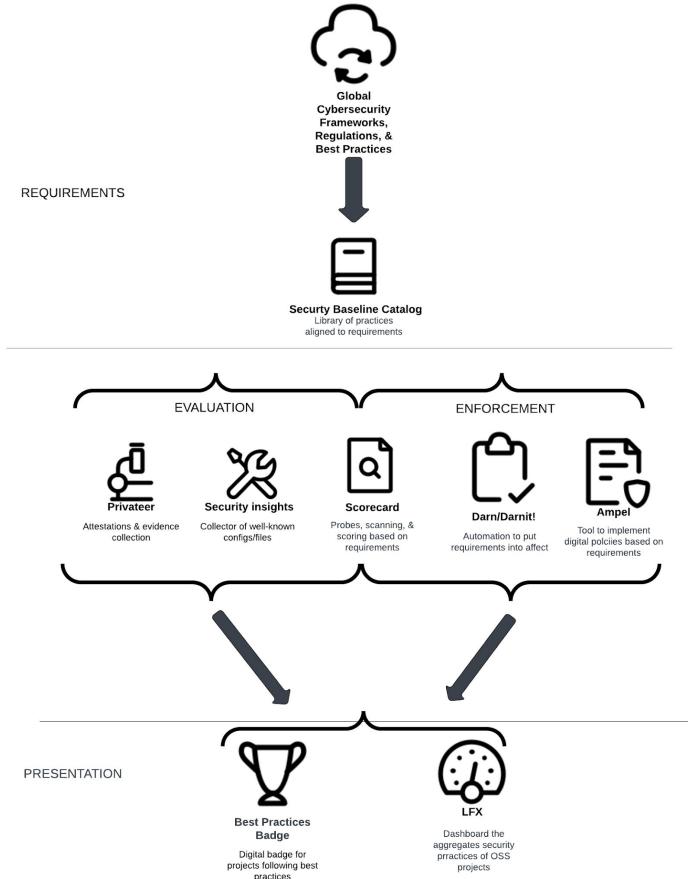
Value-prop for Downstream

- Provides clear signals and evidence/attestations about upstream component security practices to allow corporate due-diligence and risk management
- Provides a clear checklist of things that Downstream could go work with (donate/DO) for their Upstream sources
- Aligns software development practices with global cybersec laws and frameworks (reduces compliance costs [do once, applicable many])

Future Workflow

- Baseline Catalog v1.0 is ready [today!](#)
- Compliance Crosswalk 1.0 ready [today!](#)

"Powered by the Security Baseline" ecosystem



What's Next for the Baseline?

- Augment Recommendations, templates, and guides
- Add Automation to ease adoption of the Baseline Criteria
- Develop Evidence and Attestation collection/publication so downstream can leverage upstream artifacts for their own compliance needs
- Integrate into LFX for "single pane of glass" holistic view
- Define Reference Architecture that shows end-to-end view of Baseline & other components

“CRA 101”

One of the 1st deliverables of the CRA Awareness SIG will be a free educational course covering the CRA

Available starting 16 April 2025

Additional courses are planned, including how to conduct Risk Assessments throughout the development and productization lifecycle

Understanding the European Union (EU) Cyber Resilience Act (CRA) (LFEL1001)



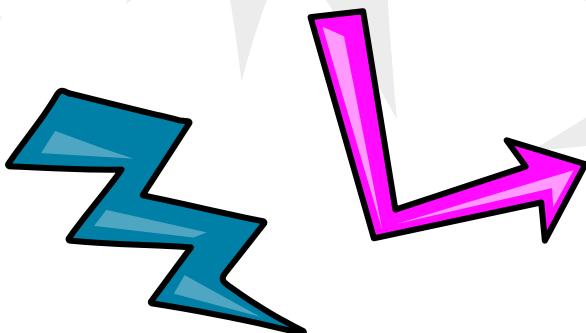
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<https://training.linuxfoundation.org/express-learning/understanding-the-eu-cyber-resilience-act-cra-lfel1001/>

How you can help!

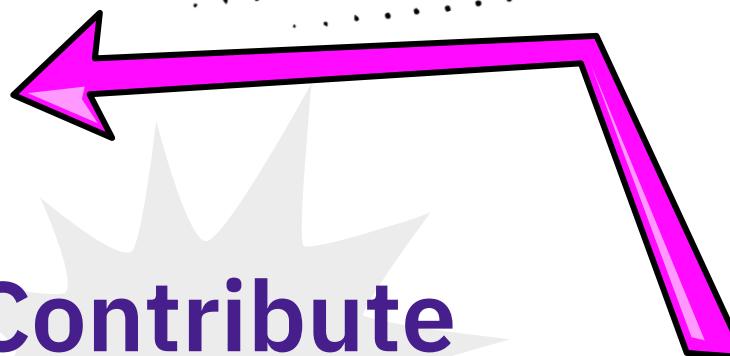
Feedback

Take a look and let us know what isn't clear



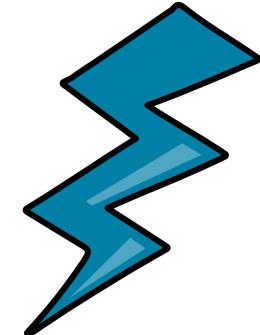
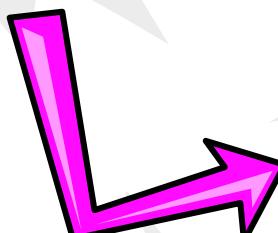
Contribute

Submit your suggested changes,
contribute automation and tooling



Implement

Adopt it for your project or projects in
your Foundation



Where to learn more/get engaged

EU CRA portal - <https://www.european-cyber-resilience-act.com/>

The CRAfish ⇒



EU Expert Group -

<https://ec.europa.eu/transparency/expert-groups-register/screen/expert-groups/consult?lang=en&groupID=3967>

ENISA - <https://www.enisa.europa.eu/search?keys=cra#contentList>

BSI (proactive National CERT, lots of useful implementation guides) -

https://www.bsi.bund.de/EN/Themen/Unternehmen-und-Organisationen/Informationen-und-Empfehlungen/Cyber_Resilience_Act/cyber_resilience_act_node.html

OpenSSF Global Cybersecurity Policy Working Group - Open, public forum where anyone can attend and participate

<https://github.com/ossf/wg-globalcyberpolicy/tree/main>

OpenSSF Public Policy website + CRA microsite + other resources - <https://openssf.org/?s=cra>

LF Research "Unaware and Uncertain - The Stark Realities of Cyber Resilience Act Readiness in Open Source" -

<https://www.linuxfoundation.org/research/cra-readiness?hsLang=en>

Eclipse ORC Working Group - <https://orcwg.org/>

Thank You



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<https://github.com/SecurityCRob>

[The Security Unhappy Hour](#),
[Chips & Salsa](#)
[What's in the SOSS?](#)



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