

Task Force Software Vulnerability Disclosure in Europe

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Quick background

- •Researcher in Algorithms, Optimisation, Networks, Cybersecurity, Insurance, CPS
- •Policy maker in Future and Emerging Technologies, Cybersecurity, Privacy at the European Commission (until end March 2017)

•Foresight designer and practitioner, mainly on the impact of the Digital Revolution and Digital Transformation

Adviser to Institutions and to EU Projects



Vulnerability disclosure

The process by which someone shares information about a security vulnerability so that it can be mitigated or fixed

Types:

- Full disclosure
- Responsible disclosure
- Coordinated vulnerability disclosure
- No disclosure

Coordinated vulnerability disclosure

Process of

- Gathering information from vulnerability finders
- Coordinating the sharing of that information between relevant stakeholders
- Disclosing the existence of software vulnerabilities
- Disclosing their mitigations to various stakeholders including the public

Finders: individuals or organisations that identify a potential software vulnerability in a product or service



Task Force

Software Vulnerability Disclosure in Europe

Sponsor:

• Centre for European Policy Studies – CEPS

Chair:

• Marietje Schaake, Member of European Parliament

Research Group:

- Romain Bosc, Rapporteur
- Afonso Ferreira, Rapporteur
- Lorenzo Pupillo, Coordinator
- Gianluca Varisco, Rapporteur



Members of the Task Force

- Private Sector: Airbus, Cloudflare, Enter, ETNO, ICANN, Mozilla, Microsoft, SAP
- European Institutions: Council of European Union, DG Connect, DG Home Affairs, JRC European Commission
- European Governments: Dutch National Cyber Security Center
- Civil Society: Access Now
- Advisory Committee:
 - Ross Anderson, Cambridge University;
 - Michael Daniel, Cyber Threat Alliance,
 - Allan Friedman, NTIA,
 - Andriani Ferti, Karatzas & Partners Law Firm,
 - Trey Herr, Belfer Center Harvard University,
 - Tim Watson, Warwick University.

In conversations with CERTs and ENISA



Methodology

Exploration

- •Consultations with Task Force members.
- •CEPS will draft short papers and submit them to members before each meeting to serve as the basis for discussions

Meetings

- •Based on the short papers submitted by CEPS to members in advance of each meeting
- •Targeted presentations by members and invited experts
- •Debate among members

Final Report •CEPS independent research

- •Members' comments and observations on the body of the final report
- •Members' consensus on the list of policy conclusions and proposals

Launch

- •Open meeting in Brussels
- •Panel with stakeholders policy makers
- •Wide media coverage
- •Printed copies of the final report distributed to key stakeholders



Events

First meeting

• Held on September 27th, 2017 in Brussels

Next meetings

- November 29th
- January 31st



> Questions?

> Want to contribute?

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