Capacity and awareness building

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NASK

Capacity building

ENISA - exercises

Cyber Europe

- ➤ a series of EU-level cyber incident and crisis management exercises

- ➤ simulations of large-scale cybersecurity incidents that escalate to become cyber crises

- ➤ public and private sectors

- ➤ EU and EFTA Member States

- ➤ standard operating procedures for cross-CSIRT cooperation (Cyber SOPEx)

ENISA

ENISA Trainings for Cyber Security Specialists

➢ online training material (introduced in 2008) useful for organizing a successful training

  ➢ tutorials for teachers

  ➢ handouts for students

➢ live training courses (~200 cyber security specialists every year)
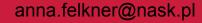
➢ covers four main areas:

  ➢ technical

  ➢ operational

  ➢ setting up a CSIRT

  ➢ legal and cooperation

co-author of the first version of these documents

ENISA

European Cyber Security Challenge (ECSC)

➢ international Capture The Flag (CTF) competition

➢ goals

    ➢ mitigate the shortage of skill in cybersecurity

    ➢ encourage young people to pursue a career in cybersecurity

ENISA

Network and Information Security Summer School

- ➢ organised by ENISA and FORTH

- ➢ cover a variety of key aspects on policy, economic, legal and research matters

- ➢ the audience

  - ➢ policy makers from EU Member States and EU Institutions,

  - ➢ decision makers from industry

  - ➢ members of the academic community

GÉANT

TRANSITS

- ➢ training to both new and experienced CSIRT team personnel, as well as individuals with a bona-fide interest in establishing a CSIRT

  - ➢ TRANSITS-I for new recruits

  - ➢ TRANSITS-II for more experienced personnel

- ➢ with support from ENISA

- ➢ governed and reviewed by the TF-CSIRT steering committee

NATO Cooperative Cyber Defence Centre of Excellence

Locked Shields

➢ international cyber defence exercise (from 2010)

➢ the most complex technical live-fire challenge in the world

➢ simulation of the entire complexity of a massive cyber incident, including strategic decision-making, legal and communication aspects

➢ Red team vs. Blue Team exercise

➢ in Estonia

➢ Locked Shields 2019 - more than 1200 experts from nearly 30 nations

CSIRT development worldwide

➢ **FIRST** (*Forum of Incident Response and Security Teams*) and **DCAF** (*The Geneva Centre for the Democratic Control of Armed Forces*)

  ➢ Balkans

  ➢ Africa

  ➢ Asia

➢ setting up a CSIRT

Awareness building

Awareness building

➢ European Cyber Security Month (ECSM, ENISA)
https://cybersecuritymonth.eu/

➢ STOP. THINK. CONNECT. (NCSA, APWG)
https://www.stopthinkconnect.org/

➢ OUCH! Newsletter (SANS)
https://www.sans.org/security-awareness-training/ouch-newsletter

➢ Cyberpolicy Portal (UNIDIR)
https://cyberpolicyportal.org/en/

NASK

- Annual report from the actions of CERT Polska https://www.cert.pl/en/

- SaferInternet https://www.saferinternet.pl

- Akademia NASK https://akademia.nask.pl/
  - CyberJST – trainings for local government units (NIS Directive)

- IT.Szkoła - https://it-szkola.edu.pl/bezpieczenstwo

- Partnership for Cybersecurity Program – a platform for cooperation and exchange of information between the private and public sectors

- Dyżurnet https://dyzurnet.pl/

- NASK with Ministry of Digital Affairs – educational campaign
  - https://www.gov.pl/web/cyfryzacja/cyfrowe-kompetencje-spoleczenstwa
  - https://www.gov.pl/web/cyfryzacja/edukacja

Thank you for your attention

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