



Cybersecurity

EU4DigitalUA – Component 5

Kyiv
25.02.2021



General information



- ▶ **Donor:** European Union
- ▶ **Beneficiary:** Ministry of Digital Transformation of Ukraine
- ▶ **Implementer:** e-Governance Academy (Estonia)
- ▶ **Duration:** 10/2020 – 03/2024



Capacity building in the field of cybersecurity



- ▶ 5 trainings in the form of cyber-exercises by the «live-fire» method.
- ▶ The trainings are aimed at improving integrated cybersecurity skills at the technical level and raising awareness at the management level about the impact of cyber incidents.
- ▶ The trainings are focused on the main subjects of the national cybersecurity system.
- ▶ The first wave of trainings is planned on May 2021. Trainings will be conducted by the CybExer Technologies OÜ.



Monitoring of access to personal data



- ▶ Personal data access monitoring module for the Trembita system (procurement documentation has been developed and agreed with the MDT, the procurement procedure is in progress).
- ▶ Interface to the "DIIA" portal allowing citizens to track information about the facts of requesting their personal data by government officials.



Exchange of information on cyber threats



- ▶ Recommendations for the exchange of information on cyber threats at the national and international levels. Recommendations were prepared.
- ▶ Expert support in the development of technical protocols for the exchange of information on cyber threats. Technical protocol was prepared.
- ▶ Participation in the establishment of international cooperation on the exchange of information on threats.



Detection of cyberattacks in information systems



- ▶ The main idea - timely detection of cyberattacks on state electronic information resources.
- ▶ The concept of implementation of the modern security mechanisms against cyber threat (HIDS, NIDS, SIEM, threat intelligence, ISMS etc.) for the Trembita system.





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DEVELOPMENT COOPERATION

Cyber security readiness in Ukrainian public authorities

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Expert

General information

- **Donors:** Ministry of Foreign Affairs of Estonia, U.S. Embassy in Ukraine
- **Beneficiary:** Ministry of Digital Transformation of Ukraine
- **Implementer:** e-Governance Academy (Estonia)
- **Duration:** 06/2020 – 05/2021

Main activities

- Penetration testing of the mobile application DIIA and the portal of the state electronic system in the field of construction were conducted.
- Practical trainings on penetration testing will be conducted by the SecTeam OÜ in April-May 2021. Trainings include:
 - Module 1. Python language introduction and network attacks (two days).
 - Module 2. Web-application attacks (two days).
 - Module 3. Client-side attacks (two days).
- Development of the procedure of penetration testing of state electronic information resources and information systems of public authorities. Status – in progress.

