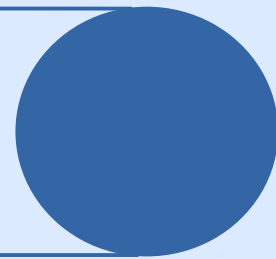




Cyber-Security Threats and Threat Actors Training Assurance Driven Multi-Layer, end-to-end Simulation and Training



May 2020 – ISSUE 5

Newsletter

Progress

CTTP models/programmes creation: Preparation of all the different Training programmes needed for the mid-term review. Update of the web-based model editor. Creation of sub-models for each of the three use-cases. Updates to the CTTP Model editor, including the activation of the TLS certificate. Internal security assessments towards identifying vulnerabilities.

Emulation tool: Finalization of the first release of the integrated platform. Development of three complete use cases. Definition of the model and preparation of the virtual machine images containing software required in the training scenarios. Implementation and installation of the Monitoring tool. Added support for multi-user and multi-scenario testing. Integration of the security level of the Emulation and Monitoring tools with all the other tools. Integration of the Emulation and Monitoring tools in the overall THREAT-ARREST platform.

Training and Visualization tools: Further development of the Training Tool. Integration and communication with all the other platform tools. Deployment of the main security mechanisms. Further development of the Visualization Tool and the Dashboard. Implementation of the interaction of the Gamification Tool with the Training Tool. Deployment of the Message Broker level communications. Integration of support of TLS.

Simulation Environment: Testing and refining platform integration and security of the Simulation Tool. Integration of the Data Fabrication Platform (DFP) to the THREAT-ARREST environment. Integration of the security aspects of the DFP and its internal communications.

Platform Integration and Validation: Delivery and demonstration of the first version of the THREAT-ARREST platform. Integration of three full-fledged training scenarios. Release of video tutorials of the different platform demonstrations. Preparation of the platform's operational state for the first phase of pilots' evaluations (training).

Publicity

- ✓ Organization of the second MSTEC workshop in the upcoming ESORICS 2020 conference.
- ✓ Continuous updates of the social media accounts

Virtual Meetings

Because of the COVID-19 pandemic, all the meetings were held virtually

- ✓ Virtual technical meeting
- ✓ Virtual review rehearsal meeting
- ✓ Virtual review meeting

Publications

G. Hatzivasilis, K. Fysarakis, S. Ioannidis, "Cyber-Ranges as a Mean of Security Culture Establishment", ERCIM News – Special Theme: The Climate Action, ERCIM, issue 121, Article no. 36, pp. 36-37, April 2020 (Accepted)

In this issue:

Progress	1
Publicity	1
Virtual meetings	1
Publications	1
Follow us	1

