The New Global Challenges in Cyber Security Conference

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The **Romanian National Computer Security Incident Response Team (CERT-RO)** organized the **10th anniversary edition** of the Annual International Conference "**The New Global Challenges in Cyber Security**" - **#CERTCON10**, on **22 October 2020**. Due to the restrictions imposed by SARS-CoV-2 pandemic, this edition was organized online. The **Romanian Association for Information Security Assurance (RAISA)** was partner to this conference, and it was represented by Mr. Ioan-Cosmin MIHAI – RAISA Vice President.

The opening session of CERTCON10

The conference was opened by the General Director, Mr. Dan Cîmpean, and the Head of Analysis, Policies and Cooperation of CERT-RO, Mr. Sabin Popescu. They presented the importance of strong institutions against forces that interfere with the wellbeing of mankind and added that there is a necessity for adapting CERT-RO to National Directorate of Cyber Security.

H.E. Adrian Zuckerman, the Ambassador of the United States of America in Romania started by mentioning the important role of CERT-RO for keeping the online environment safe from threats and thanked the Romanian Prime Minister for prioritizing cybersecurity among other national issues such as the rule of law and corruption. H.E. stressed the importance of international cooperation and the necessity of using resources against cyber threats, underlining the importance of the partnership between Romania and US on the topic of cybersecurity.

There were two parallel sessions with the following sections:
- 5G Toolbox: the instrument of the future.
- Certification & Standardization: need or opportunity.
- Cybercrime & Social engineering.
- Education, awareness & psychology in cybersecurity.
- e-Governance.
- Women in cyber.
- Incidents and security measures in NIS sectors: pretending and defending.
- NIS Directive review: needs and vision.
- Cybersecurity Strategies and best practices.
- Emerging technologies: IoT, Blockchain, Machine learning, Cloud computing & Quantum computing.
- Information Sharing and Analysis Centers (ISACs): necessity or opportunity.

The "*Cooperation between state, private and academia: the US models*" special session was organized in the end of the conference. This session was built around the experience that the speakers have gathered in the endeavor to make the cybersecurity ecosystem in their area a place of cooperative and problem-solving, where bright ideas and the means to implement them come together in a highly productive manner.

The special session of CERTCON10

Many similarities between EU and USA were identified by some of the speakers with regard to the approach in the cyber field: the lack of CSEC workers, the increase in attacks and that the government cannot handle the issue alone. These should be viewed as a motivation to try and implement the success stories that have been presented in order to obtain a solution to the problems we all face.

CERTCON10 offered the right framework to share ideas and good practices on a wide range of topics and gathered cybersecurity experts, government officials and policy makers, as well as representatives of private companies from different fields and industries, NGOs and the academic environment, providing a generous space of debates and presentations addressing technical and legislative issues in the field of cyber security at national and international levels.