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**Information Security Services Education
in Serbia (ISSES)**

ISSES Belgrade Meeting – Minutes of the meeting May 28-29th, 2018

1 Short summary

Event *ISSES Belgrade Meeting* of the Information Security Services Education in Serbia (ISSES) Erasmus+ KA2 CBHE project was organized by University of Belgrade (UB) and Unicom Telecom (UT) on 28th and 29th May, 2018. The event encompassed several meetings which were devoted to progress reports, trainings, workshops, plenary invited presentations, roundtables, and project management meetings (Quality Board and Steering Committee).

2 Agenda

Location: May 28th, University of Belgrade (UB, Rectorate, Conference Hall 8, Studentski Trg 1)
May 29th, Chamber of Commerce of Serbia (CCS, 8th floor, Hall 1, Terazije 23)

May 28 th , Monday (UB) – ISSES Workshops & Meetings	
9:00 – 9:15	Registration
9:15 – 9:30	Event Opening & Project Progress Report – <i>prof. dr Imre Lendak</i> , project coordinator, Faculty of Technical Sciences, Novi Sad
9:30 – 11:00	ISSES Training & Workshop #1 – <i>prof. dr Levente Buttyán (BME)</i>
11:00 – 11:15	Coffee Break
11:15 – 13:00	Course Development Plan review
13:00 – 14:00	Lunch Break
14:00 – 15:45	Laboratory Development Plan review
15:45 – 16:00	Coffee Break
16:00 – 17:30	ISSES Training & Workshop #2 – <i>prof. dr. sc. Markus Schatten (FOI)</i>

May 29 th , Tuesday (CCS) - Serbia CyberSec Hero – Open Dissemination Event	
9:00 – 9:30	Registration
9:30 – 9:45	Opening – <i>prof. dr Milo Tomašević</i> , acting dean, School of Electrical Engineering, University of Belgrade
9:45 – 11:15	Plenary Panel – Serbia CyberSec Hero (90min) Status of the information security in Serbia, human resources needs, education –

	<p>possibilities and challenges</p> <p>Moderator: <i>Milan Sekuloski</i>, project leader and consultant, The Geneva Centre for the Democratic Control of Armed Forces (DCAF)</p> <p>Participants:</p> <ul style="list-style-type: none"> • <i>Nebojša Jokić</i>, Head of CERT, Ministry of Internal Affairs • <i>Nikola Božić</i>, Program director, Research station Petnica • <i>Milica Ivić</i>, COO, LimundoGrad • <i>Viktor Varga</i>, Business Development Manager, Unicom Telecom
11:15 – 11:30	Coffee Break
11:30 – 12:00	<p>Information Security Services Education in Serbia (ISSES) (15 min)</p> <p>Erasmus+ project overview: targets, preparation, participants, curricula and laboratories, <i>prof. dr Imre Lendak</i>, project coordinator, Faculty of Technical Sciences, Novi Sad</p> <p>Improving Academic and Professional Education Capacity in Serbia in the Area of Safety & Security (by Means of Strategic Partnership with the EU) (ImprESS) (15 min)</p> <p>Erasmus+ project overview: <i>prof. dr Zvonimir Ivanović</i>, project coordinator, The Academy of Criminalistic and Police Studies, Belgrade</p>
12:00 – 12:30	<p>HackMe!</p> <p>Demonstration of vulnerability and system abuses through simple examples</p> <p><i>Aleksandar Mirković</i>, Association eSigurnost</p>
12:30 – 13:00	<p>Security 2020 (25min)</p> <p>What we will be faced with in the near future - trends, threats and how to hit back</p> <p><i>Dejan Vuković</i>, Security Business Unit Leader South East Europe, IBM</p>

May 29th, Tuesday (CCS) – Project meeting behind closed doors	
13:00 – 14:30	Lunch Break
14:30 – 15:30	Quality Board (QB) meeting
15:30 – 16:30	Steering Committee (SC) meeting
16:30 – 16:45	Event Closing – <i>prof. dr Imre Lendak</i>

3 Progress reports

Prof. Lendak explained the phases of the project timeline and suggested that during this meeting the team focuses on the courses and labs we will develop in the 1st phase, namely courses 2.2 Secure Software Development, 2.6 Advanced Network Security and 2.7 Cybersecurity Strategies. UB-ETF and UB-FON partners presented their progress reports. Power Point presentations are uploaded to the ISSES web site.

4 Trainings & workshops

Two trainings and workshops were organized:

ISSES Training & Workshop #1 – prof. dr Levente Buttyán (BME)

- The talk/training explained the entire information security professional development process developed by the CrySys/BME team.
- This training was followed by an active discussion.

ISSES Training & Workshop #2 – prof. dr. sc. Markus Schatten (FOI)

- This training was postponed and held on May 29th, 2018 after the open part of the Belgrade meeting. Prof. Schatten delivered a talk/training on e-Discovery.

5 Course development plan review

- The ISSES team split into three break-out groups to discuss the three courses we are currently working on (2.2, 2.6 & 2.7).
- Each group produced a short report about the next steps. The development of both 2.2 and 2.6 will be followed up during the next training sessions at CrySys Labs, Budapest in early June.

6 Laboratory development plan review

- We analyzed the Laboratory Development Plan (LDP) and agreed that the next few visits to our EU-based partners should focus on designing the labs.
- We agreed that it is necessary to finalize the lab designs by October 2018, and immediately start public procurement.
- We agreed that the initial design of the Network Security labs will be developed by Vuletic (ETF/UB) and Varga (UT). The list of lab exercises and equipment will be further clarified during the early-June visit to CrySys Labs, Budapest.
- We agreed that the FOI/UB-FON team will be responsible for the initial Digital Forensics lab design.
- Lendak will be responsible for the UNS-based hybrid Critical Infrastructure Security (CIS) lab, assisted by both the CrySys and Polimi teams. Lendak will visit CrySys in late June 2018 to continue this activity.

7 Roundtables and invited presentations

Roundtables and invited presentations were organized as a plenary sessions for wider audience. Language of the plenary sessions was Serbian. Event was opened by prof. dr Imre Lendak, project coordinator, Faculty of Technical Sciences, Novi Sad. Prof. dr Milo Tomašević, acting dean, School of Electrical Engineering, University of Belgrade, held an introductory speech.

The first session, a plenary panel, was devoted to the current status of the information security in Serbia, human resources needs, as well as to the possibilities and challenges in HEIs. The session was moderated by Milan Sekuloski, project leader and consultant, The Geneva Centre for the Democratic Control of Armed Forces (DCAF). Invited participants (Nebojša Jokić, Head of CERT, Ministry of Internal Affairs, Nikola Božić, Program director, Research station Petnica, Milica Ivić, COO, Limundo Grad, Viktor Varga, Business Development Manager, Unicom Telecom) shed light on the topic from different viewpoints – government institutions, education, and private sector. Presentations of invited participants were followed by fruitful discussions.

The second plenary session was devoted to presentations of the current Serbian Erasmus+ projects related to information security. Two projects are presented:

- Information Security Services Education in Serbia (ISSES) was presented by prof. dr Imre Lendak, project coordinator, Faculty of Technical Sciences, Novi Sad.
- Improving Academic and Professional Education Capacity in Serbia in the Area of Safety & Security (by Means of Strategic Partnership with the EU) (ImprESS) was presented by prof. dr Zvonimir Ivanović, project coordinator, The Academy of Criminalistic and Police Studies, Belgrade

Attendees from different institutions and organizations participated in the open discussions that followed the talks.

The third part of the plenary session was devoted to two invited talks:

- HackMe! Demonstration of vulnerability and system abuses through simple examples, Aleksandar Mirković, Association eSigurnost
- Security 2020. What we will be faced with in the near future - trends, threats and how to hit back, Dejan Vuković, Security Business Unit Leader South East Europe, IBM

The presentations attracted significant attention and were well-received by the audience (~60 guests).

8 Quality Board (QB) meeting

We constituted the QB of the following members:

- Stefano Zanero (Polimi), leads the QB
- Stevan Gostojic (UNS), member
- Pinter Robert (VTS), member
- Dragan Stojanovic (UNI), member
- Tamas Holczer (CrySys), member
- Markus Schatten (FOI), member
- Viktor Varga (UT), member
- Pavle Vuletic (UB), member

We reviewed the Quality Plan and agreed to publish it once 1.2 RISC is completed and fully utilized in the QP.

9 Steering Committee (SC) meeting

- Prof. Lendak notified the SC that Schneider Electric DMS will modify their involvement from full partner to associate partner.
- We agreed to organize the next joint project meeting Nis, in October 2018. That event will be used to finalize the lab designs and initiate the public procurement for all equipment to be purchased.
- All partnership agreements were signed well before the June 22nd, 2018 deadline (6 months after the signing of the Grant Agreement with EACEA). Following the signing of the contracts, the funds were transferred to most partners before this meeting.
- Ongoing activities in WPs 6 and 7 are on track.
- We do not have a formal Financial Plan. Lendak will mitigate this with the University of Belgrade and University of Novi Sad project offices.

The SC was notified that task 1.2 RISC is behind schedule. The UNS team will make the next steps and produce initial inputs to this task in June 2018.