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Erasmus+ Programme
of the European Union



ISSES – Information Security Services
Education in Serbia

Supported by the Erasmus+ Capacity Building in the
field of Higher Education (CBHE) grant
N° 586474-EPP-1-2017-1-RS-EPPKA2-CBHE-JP

LABORATORY DEVELOPMENT PLAN – AN OVERVIEW

*Information Security Services Education in
Serbia (ISSES)*

*Erasmus+ Key Action 2 – Capacity Building in
the field of Higher Education (CBHE)*

ISSES 2017-2020
Novi Sad, Serbia

Presentation Overview



- 3-phase implementation:
 - Phase I: Plan
 - Phase II: Design
 - Phase III: Build
- 1 Laboratory Development Plan
- 4 Laboratory Designs
- 7 Built laboratories

WP3 – Laboratory Development (UNI)

ID	Title	Institution	
3.1	Lab Design: Critical Infrastructure Security Laboratory (CIS Lab)	BME/Polimi	M13
3.2	Lab Design: Digital Forensics Laboratory (DF Lab)	FOI	M13
3.3	Lab Design: Network Security Laboratory (NS Lab)	BME, Polimi	M13
3.4	Lab Design: Cloud Security Laboratory (CS Lab)	FOI/VTS	M14
3.5	Hybrid CIS, CS and NS Lab implementation (P1)	UNS, BME, Polimi	M14-M24
3.6	Hybrid NS and Crypto Lab Implementation (P5)	UB-ETF, BME	M14-M21
3.7	Hybrid NS and IoT Lab implementation (P6)	UNI, Polimi	M18-M24
3.8	DF Lab Implementation – Belgrade (P5)	UB-FON, FOI, Polimi	M13-M24
3.9	DF Lab Implementation – Nis (P6)	UNI, FOI, Polimi	M25-M30
3.10	DF Lab Implementation – Novi Sad (P1)	UNS, FOI, Polimi	M31-M36
3.11	Hybrid CS and IoT Lab Implementation (P9)	VTS, BME, FOI	M15-M24

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LABORATORY DEVELOPMENT PLAN



LDP v1.0

- Document initiated by UNS on May 21st, 2018
- Short presentation of the document (Imre/Dragan)

Meeting Format

- **Plan A:** Break-out session(s) of involved parties to overview course content (one person to take notes and report)
 - 2.2: BME, UNS, UNI – Rapporteur: Nikola (?)
 - 2.6: ETF, BME, UT – Rapporteur: Pavle (?)
 - 2.7: FON – Rapporteur: Prof. Simic (?)
- **Plan B:** Joint discussion of each course within a phase

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LAB DESIGNS



Planned designs

- 3.1 Lab Design: Critical Infrastructure Security Laboratory (CIS Lab)
- 3.2 Lab Design: Digital Forensics Laboratory (DF Lab)
- 3.3 Lab Design: Network Security Laboratory (NS Lab)
- 3.4 Lab Design: Cloud Security Laboratory (CS Lab)

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LAB IMPLEMENTATIONS



Planned implementations

- 3.5 Hybrid CIS, CS and NS Lab implementation (P1)
- 3.6 Hybrid NS and Crypto Lab Implementation (P5)
- 3.7 Hybrid NS and IoT Lab implementation (P6)
- 3.8 DF Lab Implementation (P5)
- 3.9 DF Lab Implementation (P6)
- 3.10 DF Lab Implementation (P1)
- 3.11 Hybrid CS and IoT Lab Implementation (P9)

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NEXT STEPS

Meeting Format

- **Plan A:** Break-out session(s) of involved parties to overview course content (one person to take notes and report)
 - 3.1: BME, UNS – Rapporteur: Imre (?)
 - 3.2: UB-FON – Rapporteur: Prof. Simic (?)
 - 3.3: UB-ETF, UNI – Rapporteur: Pavle (?)
 - 3.4: VTS, UNI, BME – Rapporteur: Igor (?)
- **Plan B:** Joint discussion of each lab design



Action items

- June 5-6, 2018: Network Security training in Budapest
- Mid July 2018: Network Security training in Milano

Summary



- Introduction
- Course content in short
- Course-related issues
- Possible solutions
- Next steps



Thank you for your attention!