Minutes for WP2 training at GCSEC

TEMPUS: Enhancement of cyber educational system of Montenegro (ECESM)

Buckinghamshire New University (BUCKS)

Saturday, 16th May 2015

Participants:

EU partners

Massimo Cappelli, GCSEC

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Montenegro partners

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Dragan Đuric, Institute of Modern Technology Montenegro

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The training was attended by 5 trainees (future trainers at Montenegro) and 2 trainers (GCSEC).

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The training was organized at premises of Global Cyber Security Center (GCSEC) in Rome, Italy. It was opened by Massimo Cappelli, the project representative of the host institution.

Topic 1: ISO/IEC 27001 Information Security Management - Introduction

ISO/IEC 27001 is the international standard for information security management. It outlines how to put in place an independently assessed and certified information security management system. Trainees are introduced with the basis how to more effectively secure all financial and confidential data, so minimizing the likelihood of it being accessed illegally or without permission.

The following benefits of ISO/IEC 27001 Information Security Management are highlighted:

- Identify risks and put controls in place to manage or reduce them
- Flexibility to adapt controls to all or selected areas of your business
- Gain stakeholder and customer trust that their data is protected
- Demonstrate compliance and gain status as preferred supplier
- Meet more tender expectations by demonstrating compliance

Trainees are informed about open materials available describing ISO/IEC 27001 deeply, such as:

http://www.iso27001security.com/

http://www.bsigroup.com/LocalFiles/en-GB/iso-iec-27001/resources/BSI-ISO-IEC-27001-client-manual-UK-EN.pdf

http://www.bsigroup.com/LocalFiles/en-GB/iso-iec-27001/resources/BSI-ISOIEC27001-Assessment-Checklist-UK-EN.pdf

They will select the most appropriate and put on developed Moodle platform.

Topic 2: ISO/IEC 27001:2005 Information technology -- Security techniques -- Information security management systems -- Requirements

ISO/IEC 27001:2005 covers all types of organizations (e.g. commercial enterprises, government agencies, not-for profit organizations). ISO/IEC 27001:2005 specifies the requirements for establishing, implementing, operating, monitoring, reviewing, maintaining and improving a documented Information Security Management System within the context of the organization's overall business risks. It specifies requirements for the implementation of security controls customized to the needs of individual organizations or parts thereof.

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ISO/IEC 27001:2005 is designed to ensure the selection of adequate and proportionate security controls that protect information assets and give confidence to interested parties. ISO/IEC 27001:2005 is intended to be suitable for several different types of use, including the following:

- use within organizations to formulate security requirements and objectives;
- use within organizations as a way to ensure that security risks are cost effectively managed;
- use within organizations to ensure compliance with laws and regulations;
- use within an organization as a process framework for the implementation and management of controls to ensure that the specific security objectives of an organization are met;
- definition of new information security management processes;
- identification and clarification of existing information security management processes;
- use by the management of organizations to determine the status of information security management activities;
- use by the internal and external auditors of organizations to determine the degree of compliance with the policies, directives and standards adopted by an organization;
- use by organizations to provide relevant information about information security policies, directives, standards and procedures to trading partners and other organizations with whom they interact for operational or commercial reasons;
- implementation of business-enabling information security;
- use by organizations to provide relevant information about information security to customers.

Topic 3: Joint Master program in Cyber Security at GCSEC

Alessio Coletta presented will all detailed Master program at GCSEC which is organized in partnership with Royal Holloway University of London. The following courses are described:

Security Management
Introduction to Cryptography and Security Mechanisms
Legal and regulatory aspects of electronic commerce
Security Technologies

This experience is beneficial to Montenegrin trainees raising their awareness about standards in education in cyber security and providing needed training and educational materials.

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In accordance with topics presented during the training, Montenegrin partners will create the content for Moodle platform and select appropriate materials.

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