Co-funded by the
Erasmus+ Programme
of the European Union

ISSES

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*

Serbian Cybersecurity Challenge 2020 (SCC 2020) – Competition rules

Version 1.1

Author(s)/Organisation(s):

Levente Buttyan, Tamas Holczer / BME-CrySyS

Žarko Stanisavljević, Pavle Vuletić, Igor Tartalja / UB

Imre Lendak / UNS

Date of final release:

March 11th, 2020

Relevant Work Package(s):

WP5 – D&E

Short Description:

This document contains the ethical code and rulebook of the Serbian Cybersecurity Challenge 2020 (SCC 2020) event.

Keywords:

Cybersecurity challenge, hackathon, rulebook, ethical code

The European Commission support for the production of this publication does not constitute endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

Revision History:				
Revision	Date	Author(s)	Status	Description
V1.0	Mar 4, 2020	Imre Lendak	Release	First edition
V1.0	Mar 11, 2020	Žarko Stanisavljević	Release	Section 2.5 added

CONTENTS

1 Introduction

The Serbian Cybersecurity Challenge (SCC) is a study competition where students have to solve IT security competition challenges. It is a non-secret goal to make students aware of, and to love, the subject area, and to help select students who are receptive to the topic and engage them in other interesting research, development and other cybersecurity-related scientific activities. Accordingly, we would like to keep in touch with the students after the competition is over.

2 SCC 2020 ethical code

The ethical code and rulebook of the event is defined in this section of the document.

2.1 Who can compete?

The competition is open to students of all Serbian universities and colleges. However, participation is subject to registration. The registration forms and additional materials are available on the event webpage, i.e. in the Events section of the ISSES website.

2.2 Can I join a team?

No, competition is based on individual work, so we do not expect competitors to exchange information about their competition tasks or form teams.

2.3 Sports-like behavior

Since competition is an individual sport, it is not allowed to pass on ideas or solutions. Organizers may, at their own discretion, exclude competitors based on the presumption of passing on results. Participants excluded in this way do not have a right to appeal. Don't tweet the solution! Don't post the solution! Don't comment on the wrong solution either! Let others work!

2.4 Can I break anything, anyone, anywhere? Can I use anything?

Not at all! Only the designated locations and the operations permitted therein may be performed, any other act may violate the information security regulations and / or Serbian laws, and in such cases may even be subject to legal action! Please adhere to the rules of the game!

2.5 Results of the competition

In the first round of the competition students will solve challenges individually. After the first round of the competition has ended, for each participating institution a separate ranking list will be published. Trainers at each institution will use ranking lists from the first round of competition to form teams for the second round of competition.

3 Additional information

3.1 Organizers

The competition is organized by the members of the Information Security Services Education in Serbia (ISSES) project consortium and external partners. The competition assignments for the 1st phase of the SCC 2020 event are prepared by the associates of CrySyS Lab, which operates as part of the Budapest University of Technology and Economics. The competition is hosted by Avatao and tasks are available on avatao.com's online platform.

3.2 Decisions

The competition organizers make the decision and their decision is unquestionable, even if it is based on a material mistake. Accordingly, there is no right of appeal. Organizers can decide to change the competition tasks, change the way they are judged, or even cancel the competition altogether. During the competition, the organizers strive to act fairly, however they reserve the right to change the rules, deadlines and job descriptions. Competitors are obliged to accept modifications to the regulations, especially the prohibitions and restrictions contained therein.

3.3 Awards

Sponsors of the competition may offer prizes to some successful participants, especially in the 2nd phase of the SCC 2020 event, which will be organized in Belgrade in late September 2020.

The prizes offered, their quality and condition are beyond the control of the organizers of the competition and, as such, the organizers of the competition shall not be liable if any disagreement arises between the prize winner and the third party submitting the prize (including any dispute, value, the type of transfer, any related tax issues, any fee terms, etc.) The organizers will do their best to advertise the prizes for the benefit of the competitors, but do not take any responsibility for the prizes, including if the prize is canceled by the organizers or the partners during the competition.

3.4 Personal data

During the competition, the organizers of the competition handle a minimum amount of personal information, which users voluntarily enter during registration and thereby consent to their processing. If the user revokes his / her data management consent, the organizers will cancel their registration and delete their personal data. An exception to this is when legal action is initiated on the basis of the information provided (e.g. abusive user rights, etc.).

3.5 Detailed description of attackable targets, applicable attacks

Some job descriptions relate to attacks on demonstration software and educational hardware environments. The organizers of the competition clearly state that the purpose of the competition is education, as well as to provide training to students to defend themselves in cyberspace more effectively, and in no way is the transmission of any information intended to commit crimes as that would require the transfer of an economic, technical, or organizational knowledge necessary to create a computer program, password, access code or data to enable access to a computer system.

Any attack, vulnerability testing, checking, or crawling of the platform and website used for the competition, the server or servers serving them, is prohibited! Crawling is a violation of competition even if not prohibited by law! As stated above, the competition web site is for normal use by users only. It is also forbidden to use or copy scripts, automatic programs. If there is a demand that can only be solved this way, the competitors may ask the organizers to implement the given functionality, e.g. notification function.

The competition assignments, where necessary, clearly define where and how the demonstration, educational computing services or systems where students are required to complete the assignment are available. Where appropriate, the exact means by which competitors can test the target system is not specified, however, this means that only the target specified in the task statement may be tested in the manner specified in the task. Other equipment and systems, even in the immediate vicinity of the candidate system, should not be involved in non-compliant activities.

The activities of competitors must not be aimed at intercepting real, live networks, or monitoring the work or operations of others, or obtaining additional passwords or identifiers that are not included in the assignment. If you happen to have such an ID, any such occurrence should be reported to the competition organizers immediately! In the spirit of the above, running sniffers, ARP spoofing, keyboard logger or rootkits with similar properties are not allowed!

Competitors may not attack or disable their competitors in the course of their work, especially do not implement DoS attacks on non-competitive networks or systems.

If a competitor is suspected that solving an assigned tasks as part of SCC would violate any law or regulation (e.g. misdelivered assignment, false assignment due to unauthorized modification of the assigned assignment), the competitor is obliged to immediately contact the organizers to clarify the issue, and suspend investigations suspected of infringing until the issue is resolved.

If the organizers of the competition suspect that the competition is not clear or the rules are violated, the competition and / or the competitor may be suspended until the issues are clarified. In this case, the organizers try to modify the evaluation process fairly.

In the event of any violation of the rules, the organizer has the right to immediately suspend or exclude the user, however, in the event of violation of institutional rules or laws, this exclusion does not exempt from further legal consequences!

If a competitor breaches the competition rules, institutional rules or regulations but informs the organizers of the competition, the organizers may, at their own discretion, exempt the competitor from the exclusion, but the organizers cannot make exceptions, and forward the case as directed.

4 Legal notice

All competitors are required to comply with Serbian laws!