

CALL FOR PARTICIPANTS

Online Training “HNS Pro user training”

ADVANCED LEVEL

Organized by the Cyber-MAR project



02nd February, 2022

8:45 – 13:15 (CET)

13:45 -18:15 (CET) (replication)

Background

One of the objectives of Cyber-MAR is to cover the training needs for all professionals (cyber-security/IT experts but also non-IT-expert personnel of ports, shipping operators and linked entities influenced by possible cascading effects) and most importantly also to raise the cyber-threat awareness level within those organizations by hands-on training.

The courses will be available at different levels of complexity (entry, intermediate, advanced) in order to attract trainees with various levels of experience.

The advanced training provides users with the required skills to be able to manipulate the cyber range, and create realistic scenarios that allow them to provide much needed information to decision-makers. Intermediate view about OT security.

Objectives

The objective is to provide users with the ability to make changes within the platform, including managing and creating objects, topologies and scenarios.

Student learning outcomes

The participants will develop knowledge and skills necessary to apply the principles of:

- Application of techniques for detecting host and network-based intrusions using intrusion detection technologies
- Security system design tools, methods, and techniques
- Network security architecture concepts including topology, protocols, components, and principles (e.g., application of defense-in-depth)

- The infrastructure supporting information technology (IT) for safety, performance, and reliability
- What constitutes a network attack and a network attack's relationship to both threats and vulnerabilities
- An organization's threat environment

Target groups

IT, cyber security, and OT personnel with good knowledge of IT and networks fundamentals.

Eligibility

Good knowledge of TCP/IP networking protocol, routing, switching fundamentals, proficiency with IT systems and networks administration.

6 participants per session (2 sessions are planned: in the morning and afternoon)

Only trainees that have successfully passed an online pre-enrollment quiz will be admitted to the training. The pre-enrollment quiz will be on 27th January at 15:00 (CET) (time approx. 30'). Further details on this quiz will be given to prospective students.

The maximum number of trainees per session is 6

Duration

4 hours

Costs

No fees

Other information

Training programme will be delivered in the English language by prominent experts.

Learners could be asked to install some open source software in their laptops for trying out tools in the practical activities. More information on this will be provided to accepted participants before the start of the training.

Participation is attested by the release of an "attendance certificate" for training under H2020 projects, equivalent to 1 ECTS if combined with the other Cyber-MAR training already held or upcoming in the next months; Attendance Certificates will be sent to participants February÷March 2022.

No ECTS credits are awarded for this training.

Please fill in all fields under penalty of exclusion

Deadline

The [application form](#) must be submitted online before **26th January 2022, 12:00 (CET)**.

To ensure effective training with an in-depth approach and practical exercises, the number of selected participants will be limited (up to approximately 6 per replica session) therefore the participants will be selected based on the eligibility prerequisites above indicated (in case of tie of prerequisite test score, the priority will be based on the chronological order of arrivals).