SEKURAK.ACADEMY

CERTIFICATE

OF PARTICIPATION IN THE SEKURAK.ACADEMY 2024 TRAINING

SECURING CONTAINER SECURITY (DOCKER, PODMAN, KUBERNETES)

GRANTED TO:

Marcin Kołodziejczyk

2024 — semester_02

DATE: 17.12.2024   **TRAINER:** Tomasz Turba   **DURATION:** 2 hours

AGENDA

Introduction:
- What is containerization
- Environment configuration based on Docker, Podman, Kubernetes

Docker security:
- Unsecured dockerd port
- Images with vulnerabilities
- Container escapes
- Good security practices

Podman security:
- Rootless isolation errors
- Manipulation of image registration
- Attacking network configuration
- Good security practices

Kubernetes security:
- Exploring the RBAC mechanism and security policies
- Attacking Kubernetes components
- Vulnerabilities in images
- Good security practices

Q&A session

CPE/ECE POINTS: 2

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