D3.1 - References of training material updates #1

TEAM NGSOTI

31 March 2025

Contents

Disclaimer

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Deliverable definition

The identifier of the deliverable is D3.1 and it adheres to the definition outlined in the grant agreement written in bold. **A list of commits of in public training material git repositories**.

Executive Summary

In the NGOSTI project, new training materials are developed, or existing ones are updated. Some of these materials are released under an open-source license, allowing multiple contributors from various projects to enhance and extend them. This report focuses on NGOSTI training programs in the following three domains:

- Incident Response

- MISP

- Cryptography

This report includes references to commits in the public training material repositories.

Chapter 1

Training Material

1.1 Incident Response

NGOSTI Incident Reponse training is tailored to each organization receiving the training. Thus it includes many sensitive data about their internal working organization and infrastructure. A generic training was distilled and released on the NGOSTI project for this deliverable[1]. It consists in 71 slides of training material.

1.2 Cryptography

Cryptography Concepts - Past and Present was designed and delivered by Georges Kesseler, IT sysadmin & Course Manager at Digital Learning Hub of Luxembourg (DLH) as part of the NGOSTI training program for Master students. The course introduces historical and modern cryptographic methods, including substitution ciphers (Caesar, Pigpen), polyalphabetic ciphers (Vigenère), mechanical encryption (Enigma), and contemporary cryptosystems (RSA, Elliptic Curves, symmetric and asymmetric encryption). It combines conceptual foundations with practical exercises on the use of cryptography in securing digital communication. The training materials are available on the NGSOTI Github repository for this deliverable[2]. They consist of training slides and three exercise worksheets for enryption and decryption.

1.3 MISP

The MISP open-source training materials have been developed over several years with support from multiple funding sources and external contributors. To track which parts were co-funded by NGOSTI, the table below lists the open-source materials, along with their dates, training repository names, and commit IDs to retrieve the corresponding content. MISP plays a central role in NGSOTI by enabling integration with external sources. Throughout 2024 and early 2025, MISP training has been expanded to align with NGSOTI objectives. The commits listed under columns with the repository name 'misp-training' are taken from the MISP-training GitHub repository[3].

The list of commits related to trainings is shown in the table below.

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[1] https://github.com/ngsoti/ngsoti/tree/main/training/incident-response/NGSOTI-Incident-Response
[2] https://github.com/ngsoti/ngsoti/tree/main/training/cryptography/NGSOTI-DLH-Cryptography
[3] https://github.com/MISP/misp-training

Date	Repository	Title	commit id
2025-03-19	NGSOTI	Introduction to Incident Response	e4691c02f8598bde45d78b11076a3c72dfbf5a02
2025-03-20	NGSOTI	Cryptography - Past and Present	10d49a74ee373709d697d70cd3b285dcb03b7bee
2024-01-31	misp-training	a.7-rest	ba9d72ad3ca55052 8cd6d7b5c63b599f7241f672
2024-01-31	misp-training	a.7-rest.API	3fca4fdc5c26a468d0c6c03bf8e026cdedff7cb8
2024-04-12	misp-training	cheatsheet	a84e06b1346c2365a1b5eb39fbbd66e010d108128
2024-04-12	misp- training	MISP Data model overview-with-analyst-data	fe271814ee846baf0d527a31cff6e09c09121505
2024-04-15	misp- training	jupyter-notebooks	f5e5a9cdaeb06f89a8ac0c87289be5aef75bbe15
2024-05-16	misp-training	x.17-eu-attack-community	0561d3524831dff6a3ae1839045b97252b7f75f0
2024-05-20	misp-training	x.17-eu-attack-community	861cf9a39a703300d02418633cfd028a451a7cf6
2024-07-09	misp-training	3.1-misp-modules	ccc0eaa41ebb0a53fb742b5d353888f2d8263028
2024-07-10	misp-training	a.7-rest-API	91dcefa17bf800b4d993595db47e10af8b2da485
2024-08-22	misp-training	exercises campaign-targeting-multiple-isacs	af5e3218edc21bebd3fe57ede4ec2957ce8c2c76
2024-09-06	misp-training	MISP Collaboration & Sharing - Rapid Fire of Features	66d23e28ab747917fcddfa29fb6fa45482169915
2024-10-02	misp-training	c-deployment	2257fd57087d12624d3fa7e86a8cc9599c6b656f
2024-11-19	misp-training	zz-misp-and-isacs	5dc38486f64792b8f69455908e17947f1df8cea5
2024-11-19	misp-training	zz-misp-and-isacs	7b0a37acc97334590c2927794d89f6163deb25a7
2024-11-20	misp-training	zz-misp-and-isacs	34cc81f8e10ecf7fd0f3e31155e3da270f219512