ITU Regional Cyberdrill for Africa

Hosted By

Malawi Communications Regulatory Authority (MACRA)

Partners

Day 1: Conference

<p align="center">Monday 08 May 2023</p>

[08:00 – 09:00]	Registration
[09:00– 09:40]	**Opening Ceremony** • Mr. Daud Suleman, Director General, Malawi Communication Regulatory Authority. • Dr Stanley Khaila, MACRA Board Chairperson. • Mrs. Anne Rachel Inné, regional director for Africa, International Telecommunication Union. • Ms. Rebecca Adda-Dontoh, United Nations Resident Coordinator in Malawi *(TBC).* • Principal Secretary, Ministry of Information and Digitalization. • Hon. Moses Kunkuyu, Minister of Information and Digitalization.
[09:40– 10:10]	Group Photo and Coffee Break

[10:10 – 11:10]	**Panel 1: State of Cybersecurity in Africa Region**
	
	Setting the Context and Moderation: Mr. Serge Valery ZONGO, Program Officer**, ITU**
	
	    Speakers:
	
	        • *Mr. Daud Suleman Director General of MACRA, `*
	
	        • *Mr. Marcus K. G. Adomey, Operations Manager at AfricaCERT, AfricaCERT,*
	
	        • *Mrs. Lovely Timana, Head of ICT, CISSA*
	
	        • *ECOWAS,*
	
	        • *SADC*

[11:10 – 12:00]	**Panel 2:** Improving Cooperation between National CIRTs and Law. Enforcement
	
	Setting the Context and Moderation M. Daniel Lowe**,** Cyber and New Technologies Unit, Programme Management Officer, **United Nation Office of Counterterrorism/ UN Counter-Terrorism Centre**
	
	    Speakers:
	
	        • Lauren MISSLER, Regional Specialized, Officer, INTERPOL
	
	        • S/Supt. Gladwel Kubwalo, Malawi Police,
	
	        • Dr. Kaleem Ahmed Usmani, CERT-MU
	
	        • Botswana

[12:00 – 13:00]	**Panel 3: Best practices for Critical Information Infrastructure Protection**
	
	Setting the Context and Moderation: Mr. Marwan Ben Rached, Cybersecurity Coordinator, ITU
	
	    Speakers:
	
	        • Elysée Ismene DEGUENONVO, AfricaCERT
	
	        • Mozambique
	
	        • Zambia
	
	        • Cyber4Dev

[13:00 – 14:00]	Lunch Break,
14:00-14:20	**Presentation 1: Africa cyberthreat landscape.** *Mrs. Lauren MISSLER, Regional Specialized, Officer, INTERPOL*
14:20-14:35	**Presentation 2: Emerging Trends in Malawi's Cybersecurity Landscape: A Review of Recent Initiatives and Future Directions** Mr. Christopher Banda, Head of national emergency computer response team (mwCERT), MACRA
14:30-14:45	**Presentation 3: SADC Cyber Security Framework** SADC representative
14:45-15:00	**Presentation 4: Southern African Development Community (SADC) Cybersecurity Maturity Report 2021** Prof. Wallace Chigona. Professor in Information Systems at UCT, South Africa

15:00-15:20	**Presentation 5: Navigating Cyber Risk in the Financial Sector: A Use Case Analysis** Mr. Haythem El Mir, consultant ITU
[15:20 – 15:50]	Coffee Break
[15:50 – 16:20]	**Presentation 6: How to conduct effective Open-Source Investigations Online** Mr. Vytenis Benetis, consultant **UNOCT/UNCCT**
[16:20 – 16:35]	**Presentation 7: The Importance of Cyber Threat Intelligence for CERTs** Silensec
[16:35 – 16:45]	**Closing remarks**

Day 2 and 3: Cyber Exercises

Tuesday 09 May 2023

[09:00 – 09:30]	Team creation, registering team accounts to Cyber Range
[09:30– 11:00]	**Scenario 1** Mr. Marwan Ben Rached, Cybersecurity Coordinator, **ITU**
[11:00 – 11:15]	Coffee Break
[11:15 – 13:00]	**Scenario 2** Mr. Haythem El Mir**,** consultant **ITU**
[13:00 – 14:00]	Lunch Break
[14:00 – 15:30]	**Scenario 3** Mr. Vytenis Benetis, consultant **UNOCT/UNCCT**
[15:30 – 15:45]	Coffee Break
[15:45 – 16:45]	**Scenario 3** Mr. Vytenis Benetis, consultant **UNOCT/UNCCT**

Wednesday 10 May 2023

[9:30– 10:30]	**Scenario 4** Mr. Paweł Pawliński and Mr. Jarosław Jedynak, **FIRST**
[10:30 – 11:00]	Coffee Break
[11:00 – 12:30]	**Scenario 4** Mr. Paweł Pawliński and Mr. Jarosław Jedynak, **FIRST**
[12:30 – 13:30]	Lunch Break
[13:30 – 15:00]	**Scenario 5** **Silensec**
[15:00 – 15:15]	Coffee Break
[15:15 – 16:15]	**Scenario 6** Dr. Kaleem Ahmed Usmani, **Cyber4Dev Project**

Day 4 and 5: Training

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Training Track I : Building threat intel pipelines

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Description:	The training will cover the following topics:
	Determine the methods and techniques (algorithms) or technologies used to analyze (fuse) the information.
	Analysis (fusing) of the data resources using the data in the knowledge management system to identify commonalities and relationships amongst the data.
	Security Advisement: Services providing advice to a constituent or line-of- business on the execution and implementation of pertinent security operations or functions.
	Patch Management: Services that assist constituency with the capabilities necessary to manage the identification of inventory, systems to patch, deployment and verification of patch installation.
Audience:	CSIRT Team members
Course level:	Intermediate
Trainers :	Mr. Paweł Pawliński and Mr. Jarosław Jedynak, **FIRST**

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Training Track II : How to conduct effective Open-Source Investigations Online

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Description:	Open-Source Intelligence (OSINT) is the collection of publicly available information to be analyzed and transformed into actionable intelligence. The Internet contains large amounts of open-source information which, if adequately collected and analyzed following structured methodologies, may be of support as part of the cyber incident response actions by CERTs/CSIRTs. The session will stress the importance of CSIRT-law enforcement cooperation during the response to cyber incidents.
Audience:	CSIRT/CERT members, Incident Responders, SOC Analysts, Law enforcement
Course level:	Intermediate
Trainer	Mr. Vytenis Benetis, consultant **UNOCT/UNCCT**

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Thursday 11 May 2023

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	Registration	Registration
[09:00 – 9:30]	**Training Track I Building threat intel pipelines FIRST**	**Training Track II How to conduct effective Open-Source Investigations Online UNCCT**
[09:30– 10:30]	Introduction Building threat intel pipelines	Introduction How to conduct effective Open-Source Investigations Online
[10:30 – 11:00]	Coffee Break	
[11:00 – 12:30]	Building threat intel pipelines	How to conduct effective Open-Source Investigations Online
[12:30 – 13:30]	Lunch Break	
[13:30 – 16:00]	Building threat intel pipelines	How to conduct effective Open-Source Investigations Online

Friday 12 May 2023

[09:00 – 9:30]	Registration **Training Track I** **Building threat intel pipelines**	Registration **Training Track II** **How to conduct effective Open-Source Investigations Online**
[09:30– 10:30]	Building threat intel pipelines	How to conduct effective Open-Source Investigations Online
[10:30 – 11:00]	Coffee Break	
[11:00 – 13:30]	Building threat intel pipelines	How to conduct effective Open-Source Investigations Online
[13:30 – 14:00]	**Closing remarks**	
[12:30 – 13:30]	Lunch	