14th Cybersecurity Technical Training Event – Cyberdrill Regional for the Americas

September 23-27, 2024

Day 1: September 23 – Panel Discussions

Agenda

08:30 - 09:00	**Login – On-Site Registration**

09:00 – 09:40	***Opening Ceremony***
	
	 Diego Caicedo
	     General Director - Productive Transformation, Physical Integration and Services
	     General Secretariat of the Andean Community
	 Pablo Palacios
	     ITU Programme Officer
	     International Telecommunication Union
	 Dr. Carla Sosa Vela
	     Deputy Minister of Communications
	     Ministry of Transport and Communications
	 Dr. Patricia Gamio Franco
	     Undersecretary for Digital Policies and Regulation
	     Secretariat of Government and Digital Transformation of the Presidency of the Council of Ministers
	 Pablo Alfonso Lopez-Chau Nava
	     Rector
	     National University of Engineering

09:40 – 10:00	Group Photo and Coffee Break
10:00 – 10:20	***Keynote*** *The Global Cybersecurity Index focused on the Americas Region* **Speaker:** *Marwan Ben Rached* *Cybersecurity Coordinator of the International Telecommunication Union*

10:20 – 11:00	***Panel 1***
	 The role of national sectors with reference to national cybersecurity and regional cooperation
	 Moderator:
	 Dr. Luis Romero Goytendia
	     Executive Director INICTEL-UNI
	 Panelists:
	 Ing. Edwing Gabriel Calizaya Ventura
	     Coordinator of the National Digital Security Centre - Presidency of the Council of Ministers
	 Cesar Moline Rodriguez
	     Director of the Cybersecurity, Electronic Commerce and Digital Signature Department of Indotel
	 Luis Adrian Salazar
	     Professor at the Latin University of Costa Rica

	Pablo Dominguez Vazquez
	    Central Director of the Security Operations Division of Etecsa
	Eduardo Rodrigues
	    Coordinator of Vulnerability Management and Good Practices in Cybersecurity at Anatel

11:00 – 11:20	*Keynote* *LUPIC: International Cooperation between Peru and the Republic of Korea to strengthen capabilities in Cybersecurity* **Speaker:** *PhD Taeho Jung* *LUPIC's Project Manager, Seoultech*

11:20 – 12:00	*Panel 2*
	Strengthening national CIRTs, building trust and working towards regional cooperation
	Moderator:
	Eduardo Rodríguez
	    Lab's support and coordinator and LUPIC's Project Manager, INICTEL UNI
	Panelists:
	Diego Caicedo
	    General Manager - Productive Transformation, Physical Integration and Services SG CAN
	Pablo Palacios
	    Programme Officer of the International Telecommunication Union
	Axel Rifon Perez
	    Senior Digital Development Specialist at the World Bank
	Cesar Moline Rodriguez
	    LAC4 Policy Expert

12:00 – 12:20	*Keynote* *Artificial Intelligence and Cybersecurity* **Speaker:** *Omar Palomino* *Cybersecurity expert, Kunak Consulting*
12:20 – 14:00	Lunch Break

14:00 – 14:40	*Panel 3*
	New technologies and the evolution of cybersecurity
	Moderator:
	Pablo Palacios
	    Programme Officer – International Telecommunication Union
	Panelists:
	Francisco Reinoso
	    Cybersecurity Engineer at CEDIA's SOC-CSIRT
	Fabián Iñiguez
	    Cybersecurity Expert of Radical Group
	Humberto Cortes Barragan
	    Director of Huawei's Latin American Region
	Valerii Sobolenko
	    Country Director of NetScout

14:40 – 15:00	*Keynote* *The art of cybersecurity diplomacy* **Speaker:** *Cesar Moline Rodriguez* *LAC4 Policy Expert*
15:00 – 15:20	Coffee Break

15:20 – 15:30	*Keynote* *Cybersecurity and its inclusion in Peru's legal framework* **Speaker:** *Alfredo Pariona Sinche* *President of Science, Innovation and Technology Commission, Congress of the Republic of Peru*

15:30 – 16:10	*Panel 4*
	 New threats, risk management, and business continuity
	 Moderator:
	 Edwing Gabriel Calizaya Ventura
	     Operations Coordinator of the National Digital Security Center of the SG PCM
	 Panelists:
	 Jonathan Keisler
	     Expert representative of MITRE
	 Nicolas Antoniello
	     Regional Technical Engagement at ICANN
	 Marwan Ben Rached
	     Cybersecurity Coordinator of the International Telecommunication Union

14th Cybersecurity Technical Training Event – Cyberdrill Regional for the Americas
September 23-27, 2024
Day 2: September 24 – Trainings

Agenda

Hall	Room 1	Room 2	Room 3
09:00 – 10:00	*MITRE* **Jonathan Keisler** *Expert representative of MITRE* **Julie Snyder** *Principal and Privacy Architect at MITRE* **Topic:** NIST Framework, Assessments, and Engineering	*CEDIA* **Francisco Reinoso** Cybersecurity Engineer at CEDIA's SOC-CSIRT **Topic:** "MISP Threat Sharing (MISP), Malware Information Sharing Platform" Indicators of Compromise (IoC)	*Netscout* **Rodolfo Rodriguez** *Cybersecurity Expert* **Topic**: *Denial of Service Attacks - Current Status and Trends*
10:00 – 11:00		*Radical Group* **Fabian Iniguez** Cybersecurity Expert **Topic:** Digital Forensic Analysis	*KUNAK* **Omar Palomino** *Cybersecurity Expert* **Topic:** *OSINT for Pentesting and Red Team processes*
11:00 – 11:30	Coffee Break		
11:30 – 12:00	*MITRE* **Jonathan Keisler** *Expert representative of MITRE* **Julie Snyder**	***Luis Adrian Salazar*** *Professor at the Latin University of Costa Rica* **Topic:** Technical Training in Cybersecurity	*Noventiq* **Willy Absalón Pozo Ríos** *Cybersecurity Expert* **Topic**: *Zero Trust: Reimagining Security in the Digital Age*
12:00 – 12:30	*Principal and Privacy Architect at MITRE* **Topic:** NIST Framework, Assessments, and Engineering	*Huawei* *[Expositor]* *[Tema]*	
12:30 – 14:00	Lunch Break		
14:00 – 15:30	*MITRE* **Jonathan Keisler** *Expert representative of MITRE* **Julie Snyder** *Principal and Privacy Architect at MITRE* **Topic:** NIST Framework, Assessments, and Engineering	*OAS* **Nelson Guanilo and Carmen Quintos Muñoz** Cybersecurity Officers **Issue:** CSIRTAmericas - Services and new initiatives - MISP / RTIR	*Bafing* **Miguel Arce** *Cybersecurity Expert* **Topic:** *Use and trends in digital forensics and incident response tools*
15:30 – 16:10	*INICTEL UNI* **Opening of the Cyberwar Lab** Guided Introduction – Practicing with the tools		
16:00 – 16:30	Coffee Break		

14th Cybersecurity Technical Training Event – Cyberdrill Regional for the Americas
September 23-27, 2024
Day 3: September 25 – Trainings

Agenda

Hall	Room 1	Room 2
09:00 – 11:00	*MITRE* **_Jonathan Keisler_** *Expert representative of MITRE* **_Julie Snyder_** *Principal and Privacy Architect at MITRE* **Topic:** NIST Framework, Assessments, and Engineering	*FIRST* *Cybersecurity Expert* **Issue:** *Building Malware Analysis Capability for CERTs*
11:00 – 11:30	Coffee Break	
11:30 – 12:30	*MITRE* **_Jonathan Keisler_** *Expert representative of MITRE* **_Julie Snyder_** *Principal and Privacy Architect at MITRE* **Topic:** NIST Framework, Assessments, and Engineering	*FIRST* *Cybersecurity Expert* **Issue:** *Building Malware Analysis Capability for CERTs*
12:30 – 14:00	Lunch Break	
14:00 – 16:00	*MITRE* **_Jonathan Keisler_** *Expert representative of MITRE* **_Julie Snyder_** *Arquitecto Principal y de Privacidad en MITRE* **Topic:** NIST Framework, Assessments, and Engineering	*FIRST* *Cybersecurity Expert* **Issue:** *Building Malware Analysis Capability for CERTs*
16:00 – 16:20	Coffee Break	

Description training FIRST

The goal of this training is to kickstart malware analysis capability, especially for smaller and less mature teams. This is a technical training, which provides an overview of multiple aspects of malware analysis for CSIRTs, including introduction into malware ecosystem, triage, different approaches to investigation, remediation and hunting. It covers creation of appropriate internal workflows, leveraging online services and using open-source tools.

This one-day training covers multiple topics related to malware analysis on an introductory level in order to provide a broad overview of the subject, so the participants will be able to decide on a development path suitable for their requirements and, move on to more in-depth courses. Nevertheless, many hands-on exercises are included, so participants will gain practical skills in using free tools and services to investigate malware threats.

Level: Intermediate

Instructions: Each participant gets access to a VM with a Linux environment, accessible via SSH and RDP/VNC.

Submitting answers to tasks in the hands-on part of the training and challenges during the exercise in a dedicated on-line platform.

The course is hands-on, and a laptop is required to be able to work through all the practical hands-on Workshops. The minimum laptop requirements are:

x86-compatible 1.5 GHz minimum or higher, 4GB RAM minimum or higher, 20GB available hard drive space, capable of installing virtualization software.

_____

Description training NIST

Description: The goal of this training is to boost cybersecurity awareness and risk management capabilities, and to explore the relationship between cybersecurity domains. The session will include discussion and demonstration of multiple NIST resources including the NIST Framework and cybersecurity engineering guidance. This training will rely on open discussion so that participants can describe the current state and challenges in the cybersecurity domain at their nation/organization and discover new approaches, including leveraging the NIST Framework. Many of the resources and approaches discussed will be useful for improving cybersecurity capacity.

Level: Beginner

Instructions: Please be prepared to have open discussion and bring a device with internet access (mobile phone or laptop) for polling questions/surveys.

14th Cybersecurity Technical Training Event – Cyberdrill Regional for the Americas
September 23-27, 2024
Day 4: September 26 – Cyberdrill

Agenda

Cyberdrill simulations are delivered through story-driven scenarios, interactive simulations, competency objectives, user tasks and challenges, and can focus on a wide range of specific topics of national interest.

These exercises are aimed at experts from national cybersecurity teams, expert representatives from national CIRTs / CERTs, and cybersecurity officers from institutions in the Americas Region.

09:30 – 10:00	**Cyberdrill – Initial Setup**
	Expert: ITU
10:00 – 12:30	**Cyberdrill – Scenario 1**
	Expert: FIRST
12:30 – 13:30	Lunch break
13:30 – 16:00	**Cyberdrill – Scenario 2**
	Expert: ITU

14th Cybersecurity Technical Training Event – Cyberdrill Regional for the Americas
September 23-27, 2024
Day 5: September 27 – Cyberdrill

Agenda

09:30 – 11:30	**Cyberdrill – Scenario 3**
	Expert: Grupo Radical
11:30 – 13:30	**Cyberdrill – Scenario 4**
	Expert: ITU
13:30 – 14:00	**Closing – Sala A**
	Pablo Palacios
	ITU Programme Officer
	International Telecommunication Union
	Pablo Alfonso Lopez-Chau Nava
	Rector
	National University of Engineering