

# Annual Report

2022

# CAPACITY BUILDING EXERCISES

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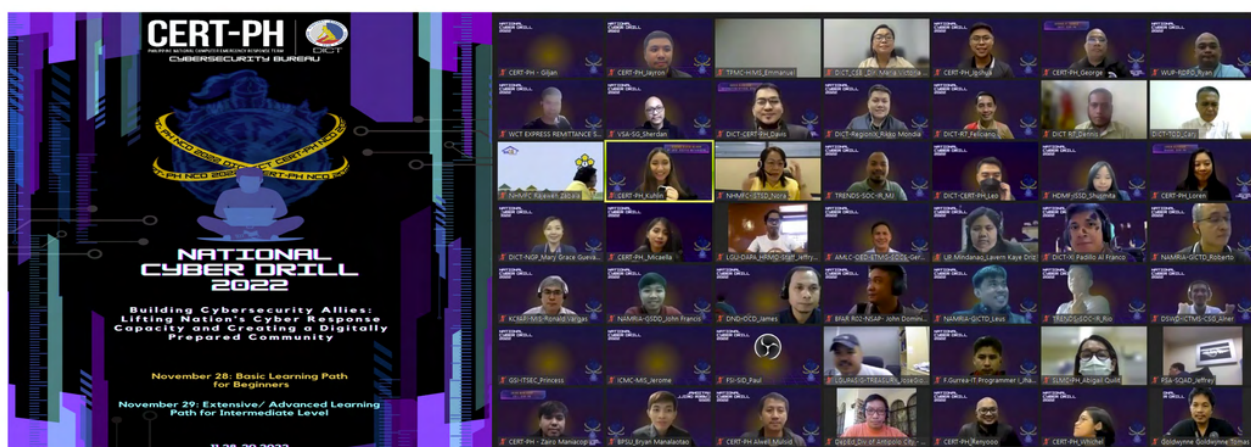






# NCD 2022

The Philippine National Computer Emergency Response Team (CERT-PH) has successfully conducted the National Cyber Drill (NCD) 2022 held last November 28-29, 2022 participated by the representatives from the National Government Agencies (NGAs) and instrumentalities, Local Government Units (LGUs), Academes/ State Universities and Colleges (SUCs), Private sector as well as various entities and individuals of different occupations/ professions across the country. The conduct of NCD is pursuant to the Section 10 of the DICT Department Circular No. 003 series of 2020.



Anchored on this year's theme, "Building Cybersecurity Allies: Lifting Nation's Cyber Response Capacity and Creating a Digitally Prepared Community.", the drill is a continuous commitment of the DICT to robust the country's capacity to respond to any cyber-attacks. It has brought together over Six Hundred Twenty Three (623 participants) for the online two-day activity.

The opening day on November 28, 2022 was purposely carried out featuring a Basic Learning Path that is designed and tailor-made for the beginners or entry-level individuals for their optimal familiarity or awareness. A total of Three Hundred Fifty Six (356) participants have been able to embark on the scenario-based video table top platform that the CERT-PH diligently devised to inculcate the relevance of cybersecurity in this day and age.

The second day on November 29, 2022 showcased an Advanced or Extensive Learning Path intended for Intermediate Level and was participated by a total of Two Hundred Sixty Seven (267) individuals. In essence, the platform for this path allowed the participants to apply and exercise their incident handling response, and reporting capabilities through the Capture-the-Flag (CTF) format.

To put forward its persistent commitment in collaborating with the stakeholders, the NCD 2022 has been generally well-accepted by the public with its eye primarily set forth in conducting more interactive cyber drills for the succeeding years and building more cyber allies. This is tantamount to the mutual desire of lifting the nations' cyber response capacity and creating a digitally prepared community in the ensuing years.

# CYBER RANGE

During the first six months of the Cyber Range Platform, CERT-PH was able to host fifteen online self-paced training classes and onboarded 108 learners from thirteen government entities. These trainees utilize video-based learning materials, hands-on labs, cyber ranges, and course assessments.

Additionally, the cyber range platform was utilized for the CERT-PH Cyber Incident Drill 2022, which focuses on traffic analysis and investigation.

Below are the agencies that were able to utilize the Cyber Range Training Platform:





# LOCAL AND INTERNATIONAL PARTICIPATIONS

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# CONFERENCES AND TRAINING

Below summarizes the local/ international conferences and training attended by the CERT-PH:

Country /Region	Organization	Event	Date
Online	AJCCBC	Exercise for SOC Analysts	February 7-11,2022
Dublin, Ireland	FIRST	FIRST 34th Annual Conference	June 26-July 1,2022
	APCERT	Cyber Threat Intelligence on a National Level	August 09,2022
Virtual	Cybersecurity Alliance for Mutual Progress	CAMP 7th Annual Meeting	September 21,2022
Japan	National Center of Incident Readiness and Strategy for Cybersecurity (NISC)	15th ASEAN JAPAN Cybersecurity Policy Meeting - organized by NISC	October 04-05,2022
Seoul, South Korea	CAMP	CAMP 7th Annual Meeting (Seoul)	October 18-20,2022
Online	APCERT	Annual General Meeting (AGM)	October 18-21,2022
Online	APCERT	Closed Conference	October 19,2022
Online	FIRST-APCERT	Regional Symposium	October 20-21, 2022
'Online	JP-US-EU	Industrial Control Systems Cybersecurity Week for the Indo-Pacific Region	October 24-28,2022
Bangkok, Thailand	ASEAN	24th AJCCBC Cybersecurity Technical Training - Incident Response and Malware Analysis	December 19-23, 2022
Virtual	CISA	Industrial Control Systems	March 24, 2022
NCR-Makati	UNODC	Ransomware Investigation	May 17 – 19, 2022

# SEMINARS AND RESOURCE SPEAKERSHIPS

Below summarizes the seminars and resource speakerships conducted by the CERT-PH:

Country /Region	Organization	Event	Date
Region 9	PNP ICTS	Cybersecurity Risks and Mitigation	January 11-13,2022
Nationwide	DICT	Cybersecurity Awareness: How to Avoid Phishing	March 1, 202
IV-A, IV-B	DICT	In-depth Cybersecurity Training Caravan	March 24, 2022
NCR	SSS	Cyber Threats Landscape & Countermeasures	April 7, 2022
Region IV-A & IV-B	DICT	Threats Scenario Landscape and Tabletop Exercises	May 12. 2022
Nationwide	DOH	Department of Health Web User's Conference, Palawan	May 26-27, 2022
Region IV-B	DICT	In-Depth Cybersecurity Training Carvan for Region IV Cybersecurity Champion	May 30 - June 1, 2022
IV-A & IV-B	DICT	In-Depth Cybersecurity Training Caravan for Regions IV-A & IV-B Cybersecurity Champions	June 27 - 28, 2022



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Country /Region	Organization	Event	Date
NCR	DILG	Cybersecurity Awareness Training For IT Personnel	August 9, 2022
NCR	DICT-ILCDB	Training of Trainers: Foundation of Computer Emergency Response Team (CERT) Operation	October 10 -11, 2022
XIII	DICT - ILCDB	Foundation of CERT Operation	October 12-13, 2022
Online	APCERT	Annual General Meeting with presentation on Inclusion of Incident Response to Digital Transformation Program	October 18-19, 2022
NCR	DOJ	DOJ CERTs and IT Workshop	November 3, 2022
IV-A & IV-B	Private and Public Sectors	Foundation of CERT Operation	November 17-18, 2022
III	Academe	Incident Response, Handling and Sharing Scenario-based Tabletop	December 16, 2022

# DRILLS AND EXERCISES

Below summarizes the local and international drills and exercises participated by the CERT-PH:

Country /Region	Organization	Event	Date
Online	APCERT	APCERT Cyber Drill	August 25, 2022
Online	African CERT	Africa CERT Cyber Drill	September 8-9,2022
Singapore	SingCERT	Singapore International Cyber Week 2022 Singapore Cyber Conquest 2022	October 17-20,2022
Online	SingCERT	ASEAN CERT Incident Drill (ACID)	October 27,2022
Online	Organisation of The Islamic Cooperation (OIC)	OIC Cert-Drill	November 07-08,2022
Bangkok, Thailand	AJCCBC	Cyber SEA Game 2022 Annual CTF cyber competition	November 10-11,2022
Online	International Telecommunication Union	ITU ASEAN Cyber Drill	December 5-9, 2022

# CERTIFICATION TRAININGS

Below summarizes the certification trainings gained by the CERT-PH personnels:

Organization	Event	Date
Global ICT	CompTIA Network + Introduction	January 04, 2022
Global ICT	Network+ (batch1)	January 04-February 28, 2022
Trends Micro	Certified Incident Handler	February 16-18,2022
Trends Micro	Certified Ethical Hacker	March 7-11,202
Trends Micro	Cybersecurity Fundamentals Training for DICT	March 14-16,2022
Trends & Technologies, Inc.	Computer Hacking Forensic Investigator (CHFI)	March 28-April 1,2022
USAID	Certified Information Systems Security Professional	August 8-12,2022



# PHOTO GALLERY



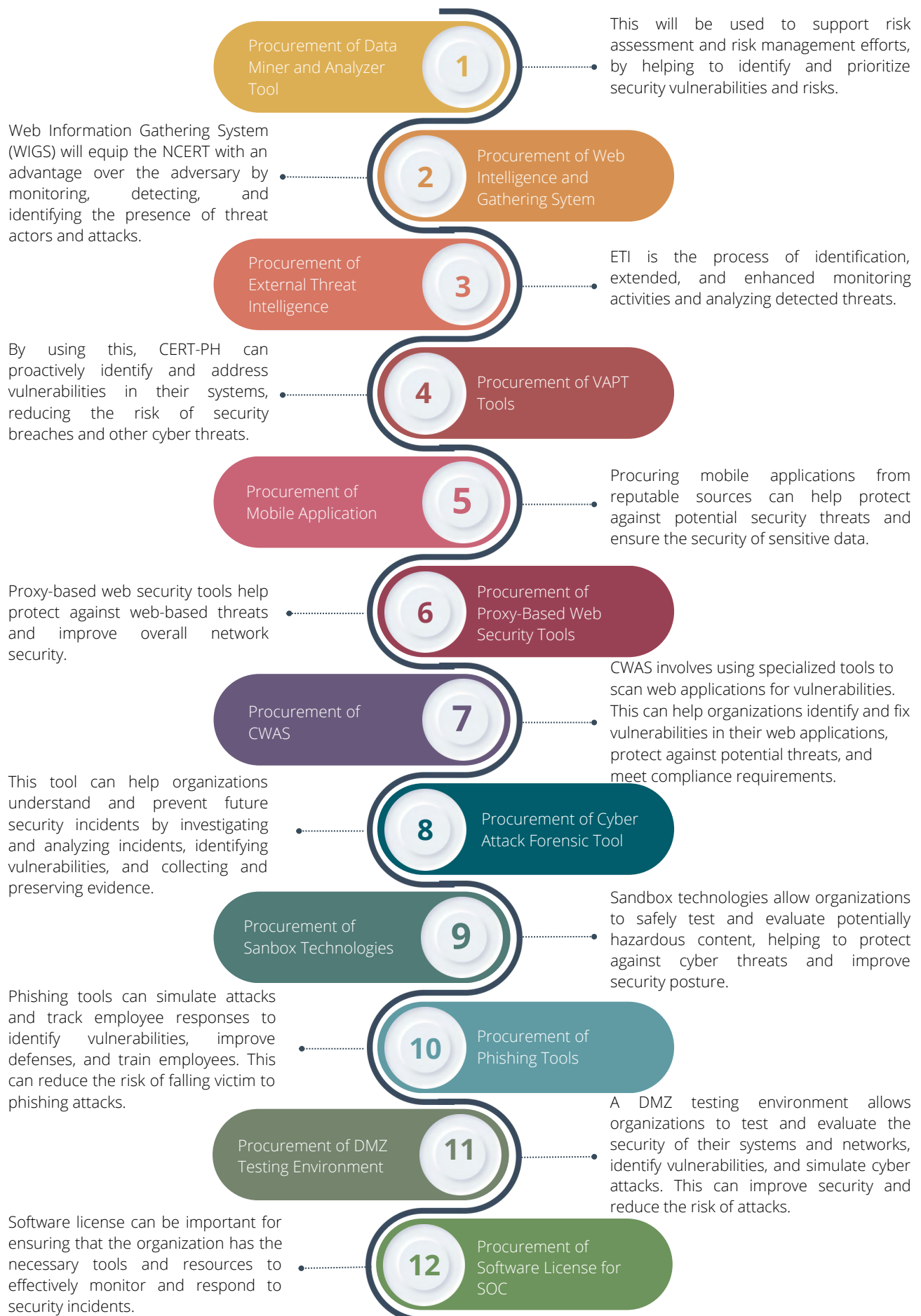
# 2022

## FUTURE PLANS





# PROJECTS





# ACTIVITIES



## HACK4GOV

Hack4Gov is a hackathon that brings together programmers, designers, and problem solvers to work on projects aimed at improving government and public sector organizations.

## MID-YEAR ASSESSMENT OF THE CERT-PH

The goal of a mid-year assessment is to evaluate progress towards goals or objectives, identify areas for improvement, facilitate communication and feedback, track progress and performance over time, and align goals and strategies.



## YEAR-END ASSESSMENT AND PLANNING FOR 2024

The goal of year-end assessment is to evaluate overall performance, identify areas for improvement, provide feedback and track progress over time to make informed decisions and improve results for the next year, also serves as a tool for setting goals and objectives.



## NATIONAL CYBER DRILL

A national cyber drill is an exercise to test readiness and response of organizations and individuals to cyber threats, typically simulating cyber attack scenarios.

Organized by government and private sector, the goal is to identify weaknesses in cyber security and improve incident response plans for increasing resilience to cyber threats.



## CERT-PH CYBER INCIDENT DRILL

A cyber incident drill is a simulated exercise that tests an organization's response to a cyber incident. The goal is to identify and address vulnerabilities in cyber defenses and incident response plans, and improve overall preparedness to handle cyber incidents.

