IGF2023
CSIRTs: A Global Dialogue with Cyber Incident Responders

JPCERT Coordination Center

Agenda

1. Introduction
   - What CERT (CSIRT) is
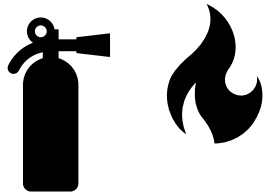   - Myself and JPCERT/CC

2. Our sessions
   - Workshop #396
     - Background, and Speakers
   - Networking Session #44
     - Outline, and Organisers

3. Other sessions

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CERT(CSIRT)

■Computer Emergency Response Team as fire fighters

Prevention	**Alert**	**Operation**
Teach how to prevent a fire	Raise awareness and alerts on fire	Extinguish and rescue
Vulnerability Handling	**Analyse/Share**	**Incident handling**
Announce security measures and workarounds	Publish observation results and attack analysis	Solve ongoing incidents and liaise with relevant parties
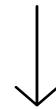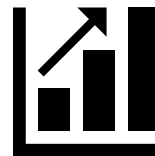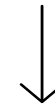
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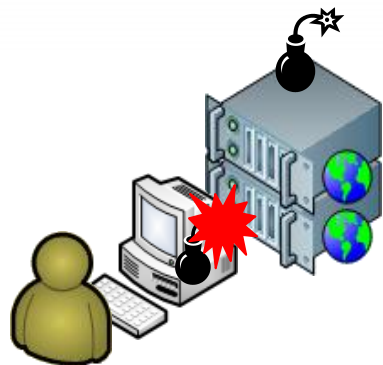
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Who I am

■ Masa Toyama, Liaison officer at JPCERT/CC
  — Coordinates and supports communication amongst CERTs/CSIRT communities in the Asia pacific region
    ■ Serves as APCERT Secretariat
  — Introduces the IG discussions to Japanese technical community
    ■ Published blog articles
    ■ Participated IGF 2021 and 2022

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JPCERT/CC

■ **J**apan **C**omputer **E**mergency **R**esponse **T**eam / **C**oordination **C**enter (JPCERT/CC)

— Operate as a "Point of Contact" to equivalent organisations (CERT/CSIRT) in many countries

— Is a non-profit organisation, funded by METI

— Have partnership with NISC under the cabinet

— Target Internet users in Japan, cyber security personnel, software developers etc.

— Work to improve cyber security posture in Japan

■ Handle computer security incidents

■ Gather/Analyse cyber security information

■ Coordinate software / information system vulnerabilities

JPCERT/CC - Incident Handling Flow
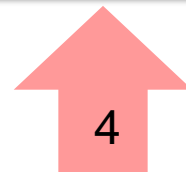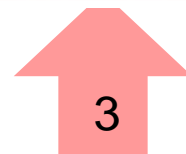
JPCERT/CC - Response statistics

Incident Statistics

Number of Incident Reports

15,751	18,070	43,823	44,242	58,389
2018	2019	2020	2021	2022
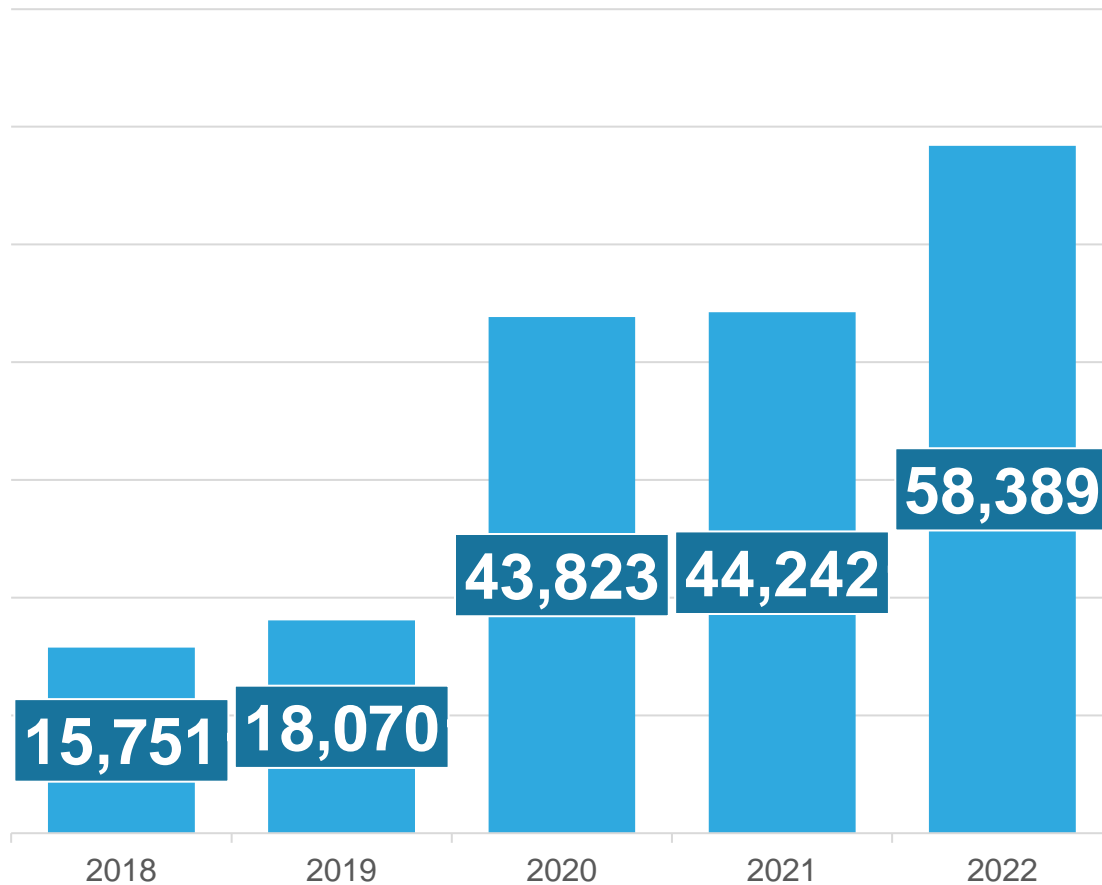
Abuse Statistics (2023 Jan-Mar)

Percentage of Incident by Category

- DoS/DDoS 0.11%
- Targeted attack 0.04%
- Other 4%
- Malware Site 2%
- Website Defacement...
- Scan 24%
- Phishing Site 66%
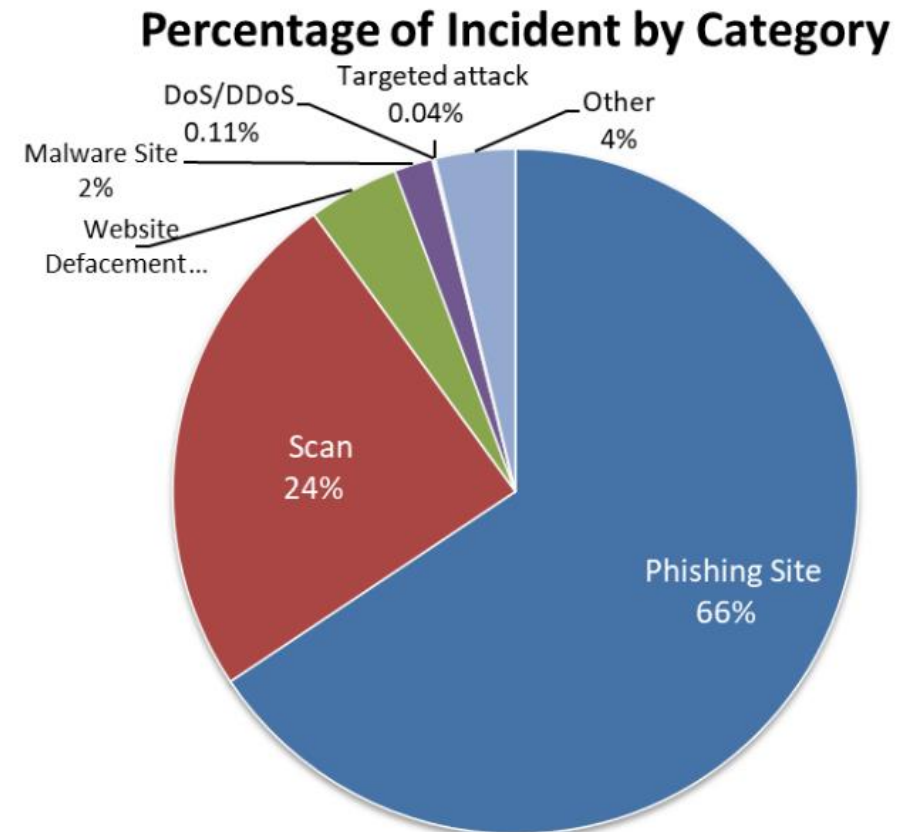
https://www.jpcert.or.jp/english/doc/IR_Report2022Q4_en.pdf

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CSIRT Community

FIRST — Forum of Incident Response and Security Teams

- JPCERT/CC is the first member from Japan
- 4 JPCERT/CC members have served as FIRST board member

APCERT — Asia Pacific Computer Emergency Response Team

- JPCERT/CC is a founding member, a Steering Committee member, and the Secretariat

+ AfricaCERT, OIC-CERT, TF-CSIRT etc.

FIRST Membership

FIRST Members around the world

Search FIRST Teams
There are 681 Teams in 106 different countries.

https://www.first.org/members/map

APCERT Operational Members
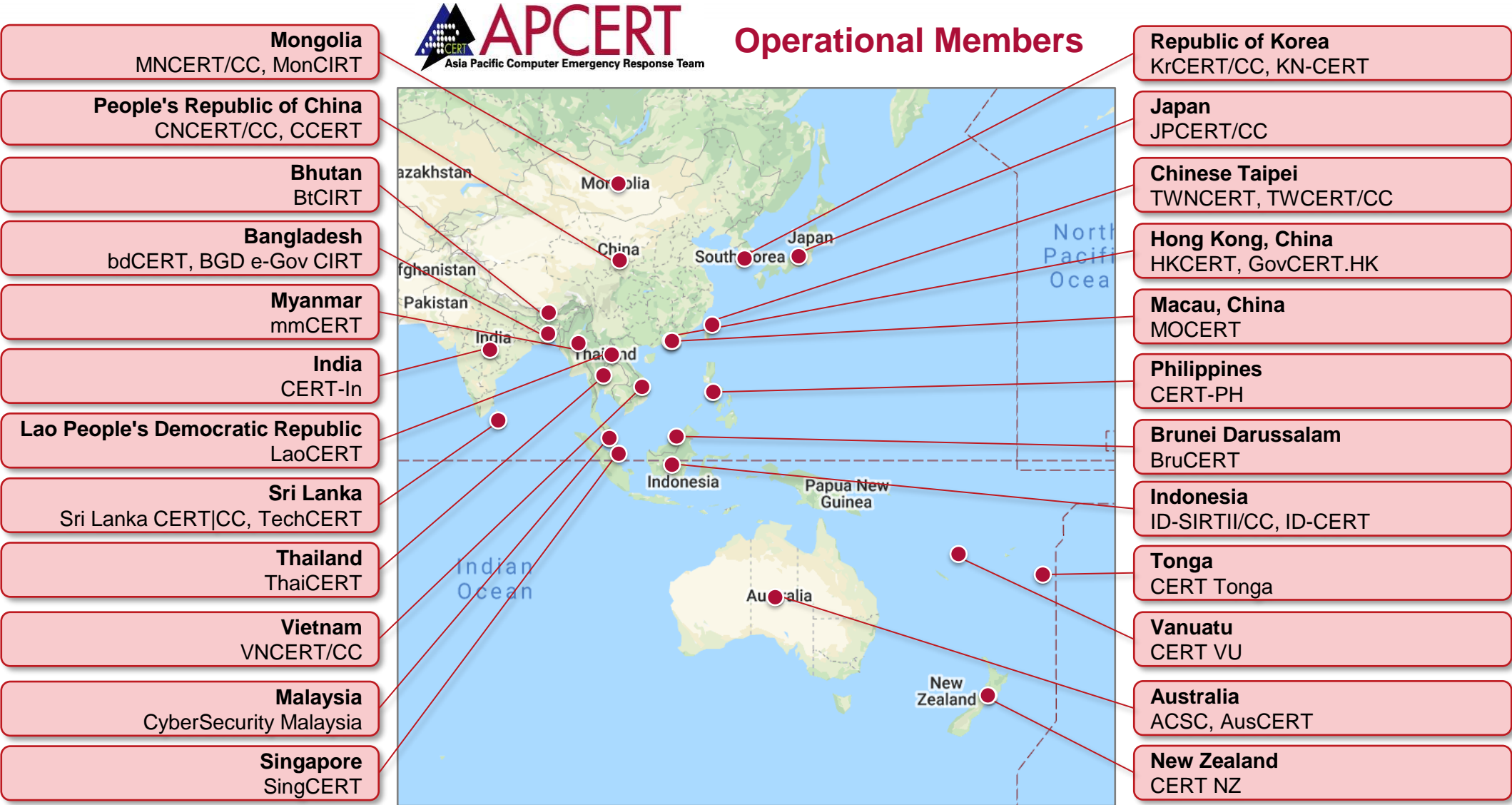
Operational Members

Mongolia
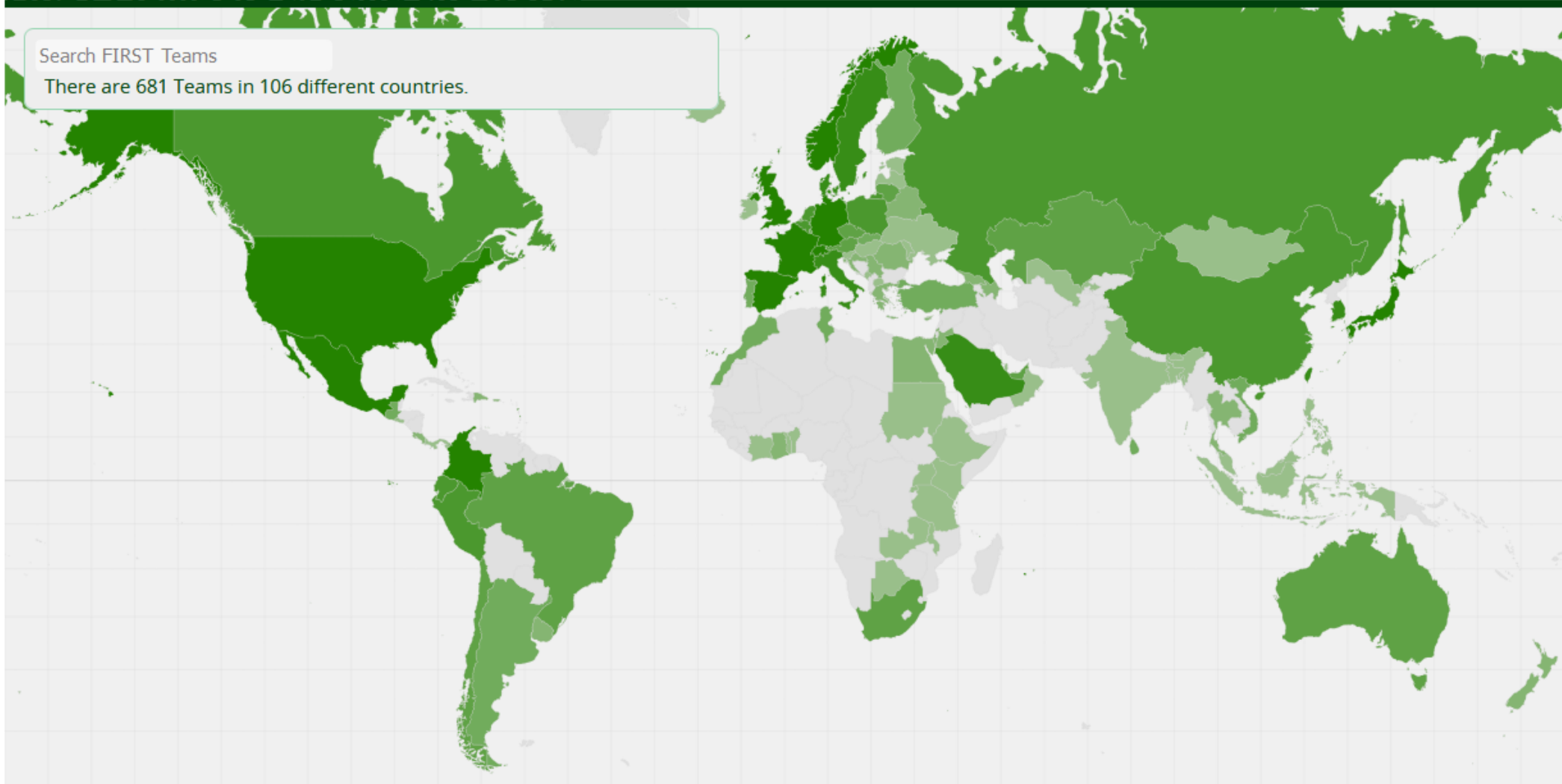MNCERT/CC, MonCIRT

People's Republic of China
CNCERT/CC, CCERT

Bhutan
BtCIRT

Bangladesh
bdCERT, BGD e-Gov CIRT

Myanmar
mmCERT

India
CERT-In

Lao People's Democratic Republic
LaoCERT

Sri Lanka
Sri Lanka CERT|CC, TechCERT

Thailand
ThaiCERT

Vietnam
VNCERT/CC

Malaysia
CyberSecurity Malaysia

Singapore
SingCERT

Republic of Korea
KrCERT/CC, KN-CERT

Japan
JPCERT/CC

Chinese Taipei
TWNCERT, TWCERT/CC

Hong Kong, China
HKCERT, GovCERT.HK

Macau, China
MOCERT

Philippines
CERT-PH

Brunei Darussalam
BruCERT

Indonesia
ID-SIRTII/CC, ID-CERT

Tonga
CERT Tonga

Vanuatu
CERT VU

Australia
ACSC, AusCERT

New Zealand
CERT NZ

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JPCERT/CC's sessions

■ **CSIRTs: A Global Dialogue with Cyber Incident Responders**
- — Workshop, seated
- — Day 2: Tuesday 10 October
- — 8:30-9:30 am

■ **Meeting Spot for CSIRT Practitioners**
- — Networking Session, standing
- — Day 1: Monday 9 October
- — 8:30-9:30 am

Don't miss out!

Background

■ Background

— International CSIRTs collaboration is taking a downturn due to (geo)political issues.

— State-sponsored cyber attacks are on the rise, while governments and military forces cannot provide all cybersecurity measures.

— CSIRT collaboration remains important, especially on ransomware.

— You will have a more realistic understanding of what threats are affecting cyberspace and what CSIRTs collaboration actually looks like.

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Speakers

■ **CSIRT experts to discuss the challenges of collaboration amongst CSIRTs**

Organiser: Koichiro Sparky Komiyama

— Director of Global Coordination Division, JPCERT/CC

Speaker 1: Masae Toyama

— Secretariat of APCERT, JPCERT/CC

Speaker 2: Dr. Serge Droz

— FIRST Board of Directors

Speaker 3: Mr. Jean-Robert Hountomey

— Founder of AfricaCERT

Outline

- "Speed dating for the cybersecurity professionals"

- Target: cybersecurity practitioners and the wider Internet governance community

- 3x 10-minute round

- All participants are expected to speak to others in English.

- Guiding questions will facilitate the discussion.

- Online participants will be in small breakout rooms in Zoom.

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Organisers

■ Facilitators to assist smooth conversations between participants

Organiser: Masa Toyama

— Online and onsite moderator, JPCERT/CC

Moderator: Mr. Hiroki Mashiko

— NTTDATA-CERT, Private sector

Moderator: Mr. Bernhards Blumbergs

— CERT.LV, Government of Latvia

Moderator (online): Mr. Adli Wahid

— APNIC, Technical Community

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Other sessions

■ Koichiro Komiyama will join in the following panels as well:

■ **Promoting the Digital Emblem**
— Open Forum, seated
— Organised by ICRC
— Day 2: Tuesday 10 October
— 11:00-12:30 am

■ **Building a Global Partnership for Responsible Cyber Behavior**
— Award, seated
— Organised by RUSI in the UK
— Day 4: Thursday 12 October
— 2:00-3:00 pm