

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

CERT(CSIRT)

■ Computer Emergency Response Team as fire fighters

Prevention



Teach how to prevent a fire



Vulnerability Handling

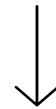


Announce security measures and workarounds

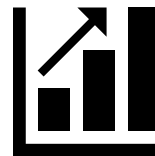
Alert



Raise awareness and alerts on fire



Analyse/Share

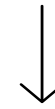


Publish observation results and attack analysis

Operation



Extinguish and rescue



Incident handling



Solve ongoing incidents and liaise with relevant parties

Who I am

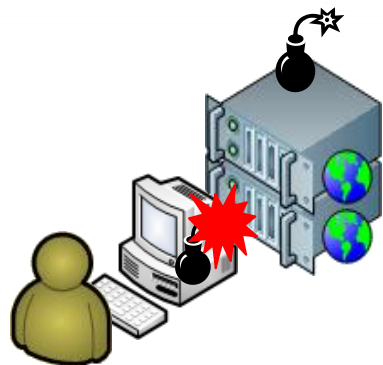
- Masa Toyama, Liaison officer at JPCERT/CC
 - Coordinates and supports communication amongst CERTs/CSIRT communities in the Asia pacific region
 - Serves as APCERT Secretariat
 - Introduces the IG discussions to Japanese technical community
 - Published blog articles
 - Participated IGF 2021 and 2022

JPCERT/CC

■ Japan Computer Emergency Response Team / Coordination Center (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

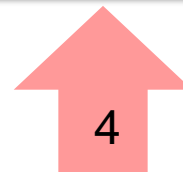


Incident Report
Request for countermeasure

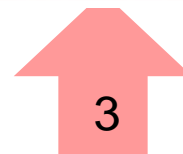
- Victim organisations
- Security vendors
- Foreign counterparts, etc.



JPCERT **CC**®



Feedback
Countermeasure
Response



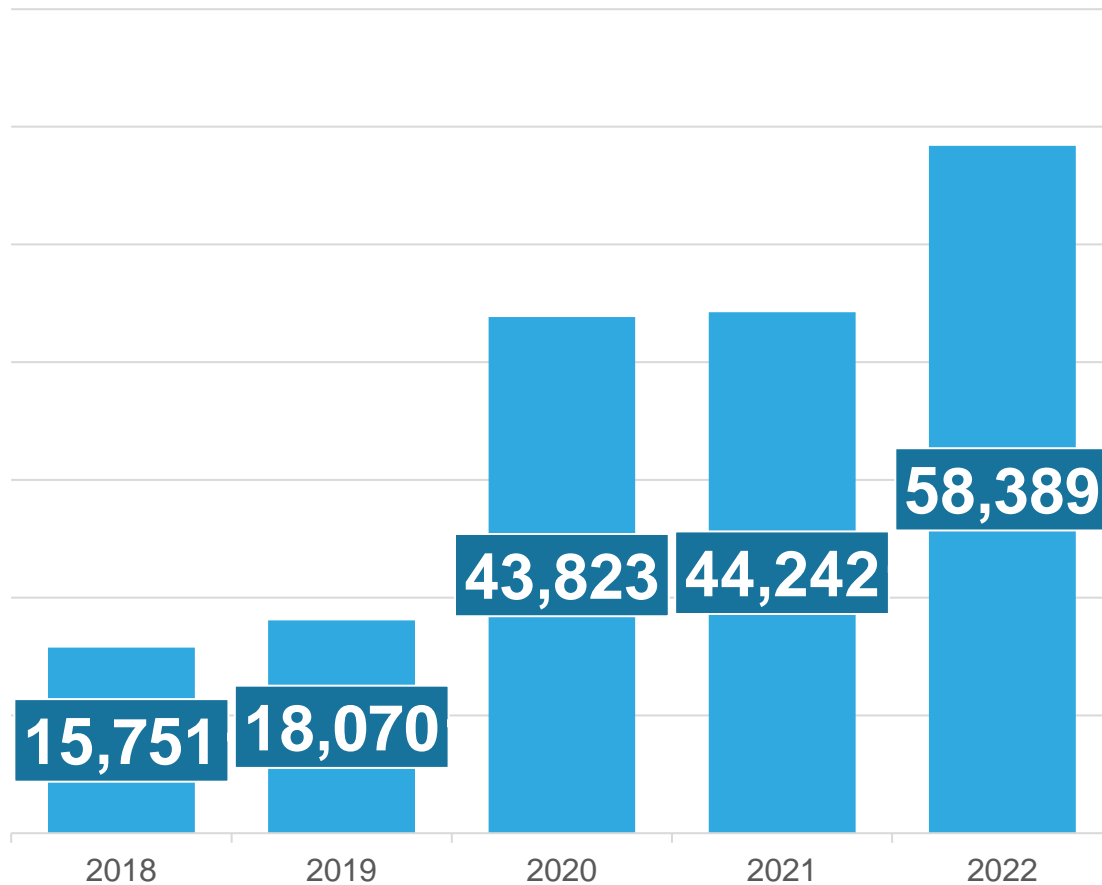
- Internet/Application Service Providers
- System administrators
- CSIRTs, etc.



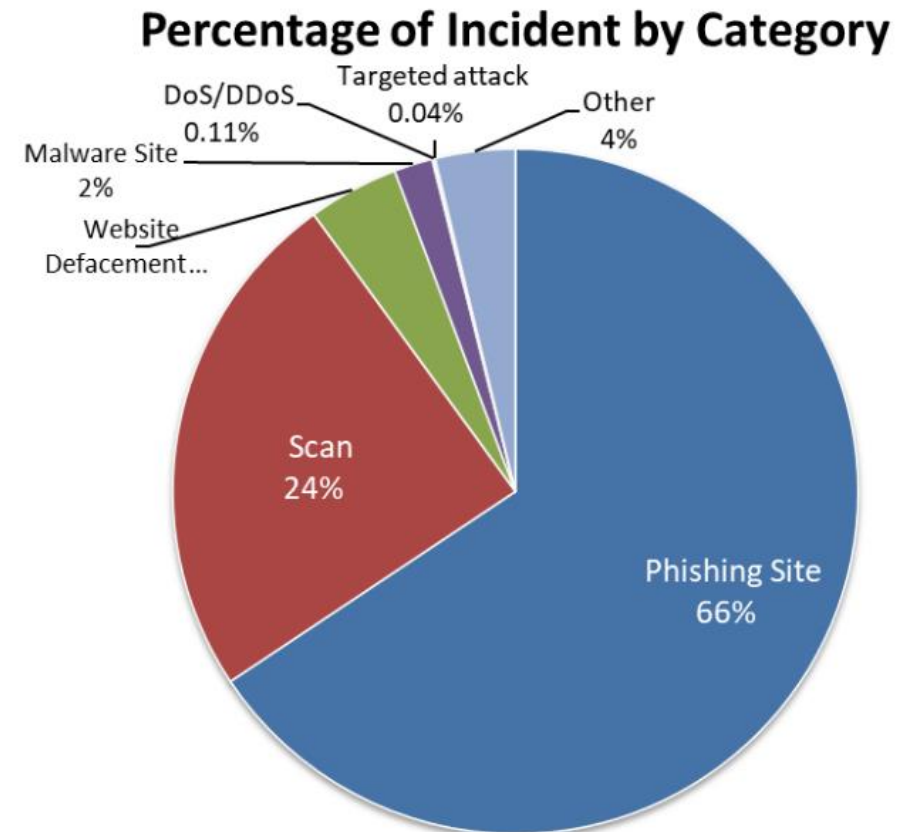
JPCERT/CC - Response statistics

Incident Statistics

Number of Incident Reports



Abuse Statistics (2023 Jan-Mar)



https://www.jpccert.or.jp/english/doc/IR_Report2022Q4_en.pdf

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

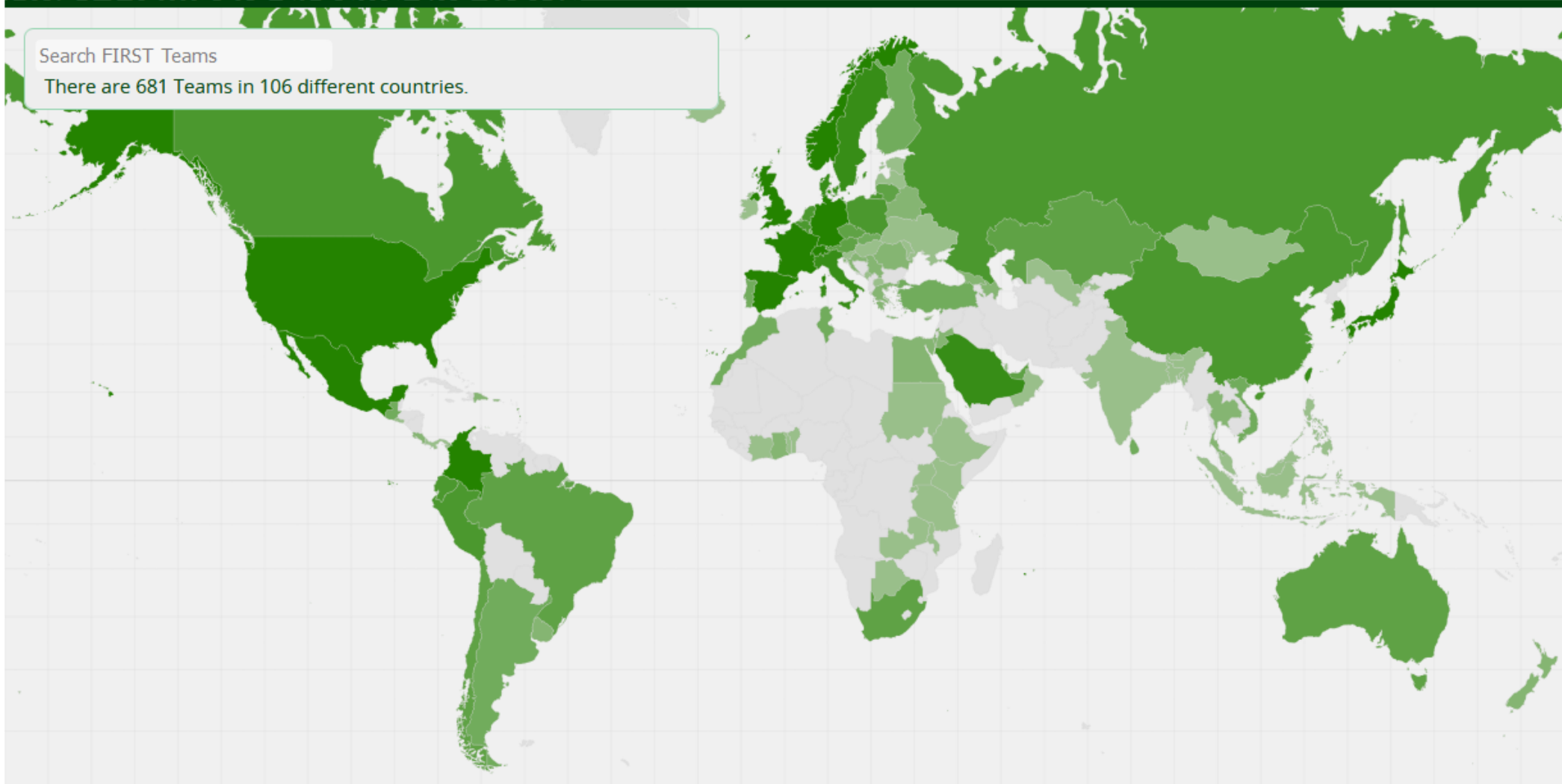
APCERT — Asia Pacific Computer Emergency Response Team

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

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

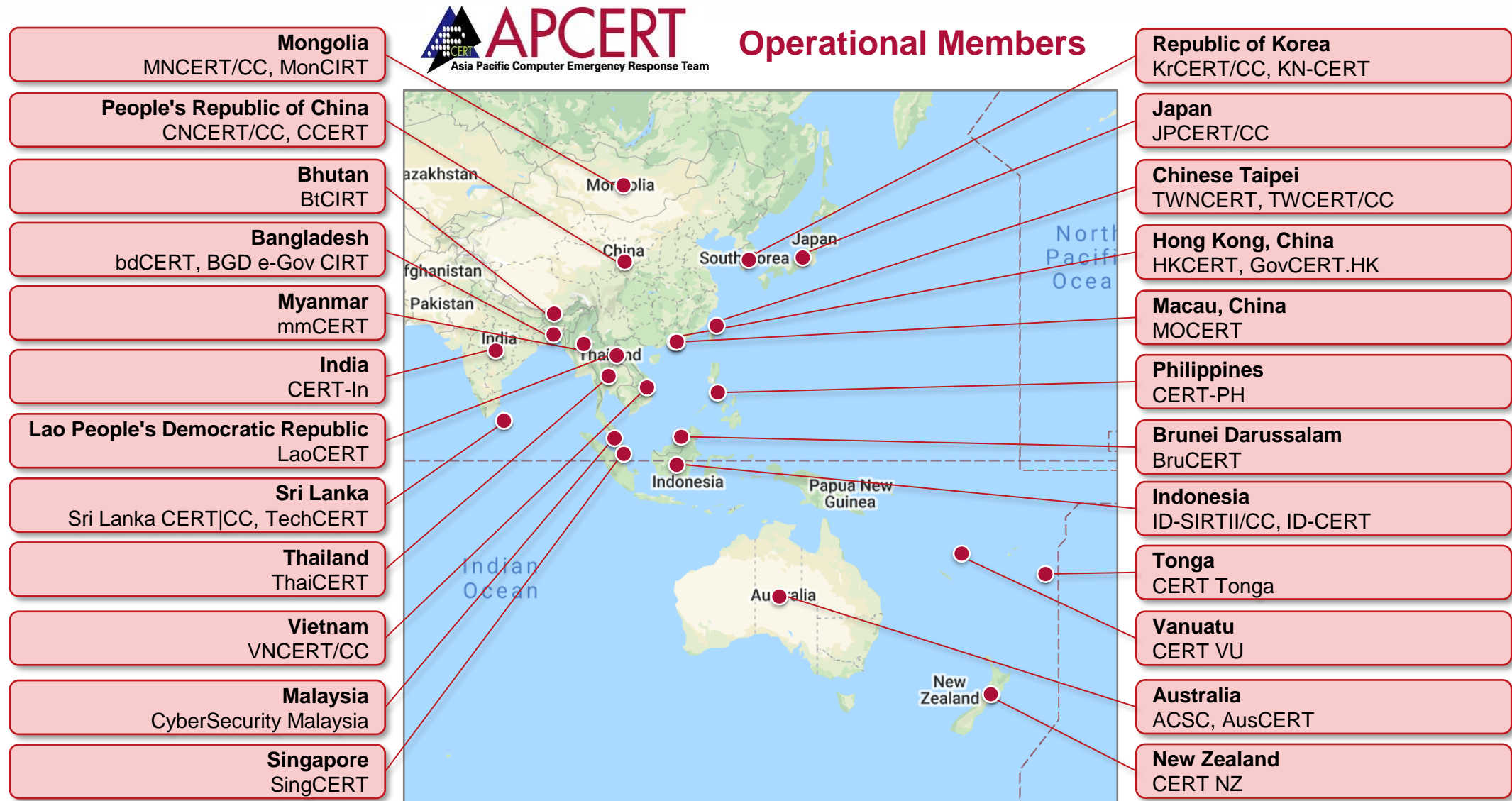
FIRST Membership

FIRST Members around the world



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

APCERT Operational Members



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



CSIRTs: A Global Dialogue with Cyber Incident Responders

Workshop #396 @IGF2023



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.

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

**Meeting Spot for CSIRT
Practitioners:
Share Your Experiences
Networking Session #44 @IGF2023**



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.

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