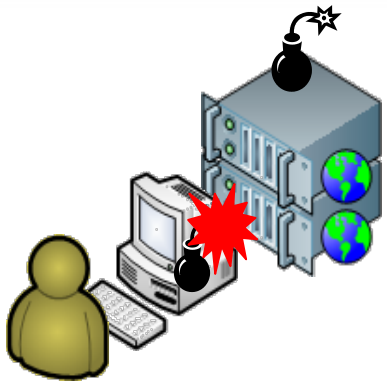
Roles of CSIRTs

Yukako Uchida
JPCERT/CC



Incident Handling Flow



- Victim
- Incident detectors
- Relevant parties, etc.

1

Incident Report
(Request for countermeasure)

2

Appropriate Parties



- ISP/ASP
- System administrators
- CSIRTs, etc.

3

Countermeasure Response

4

Feedback Report

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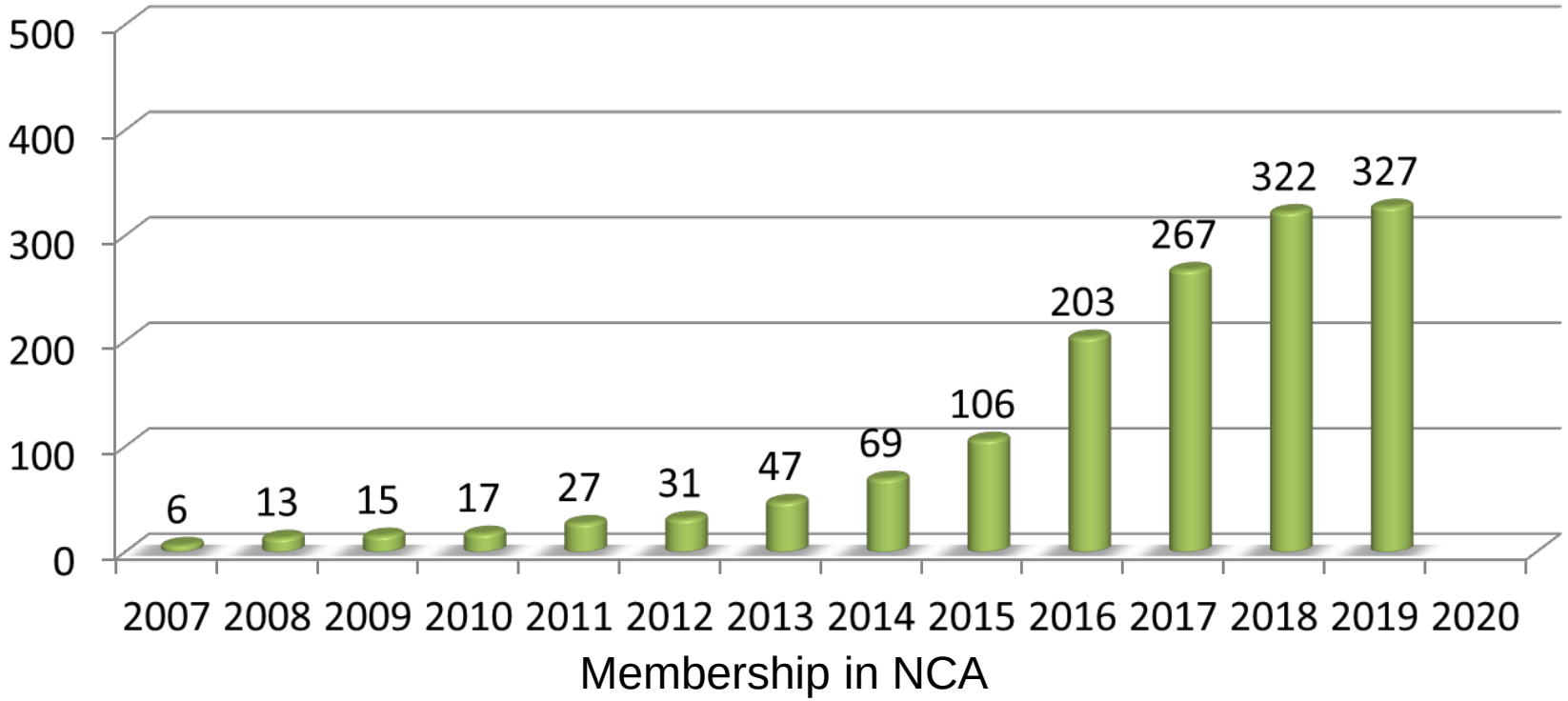
International and Domestic Collaboration



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Efforts in domestic communities

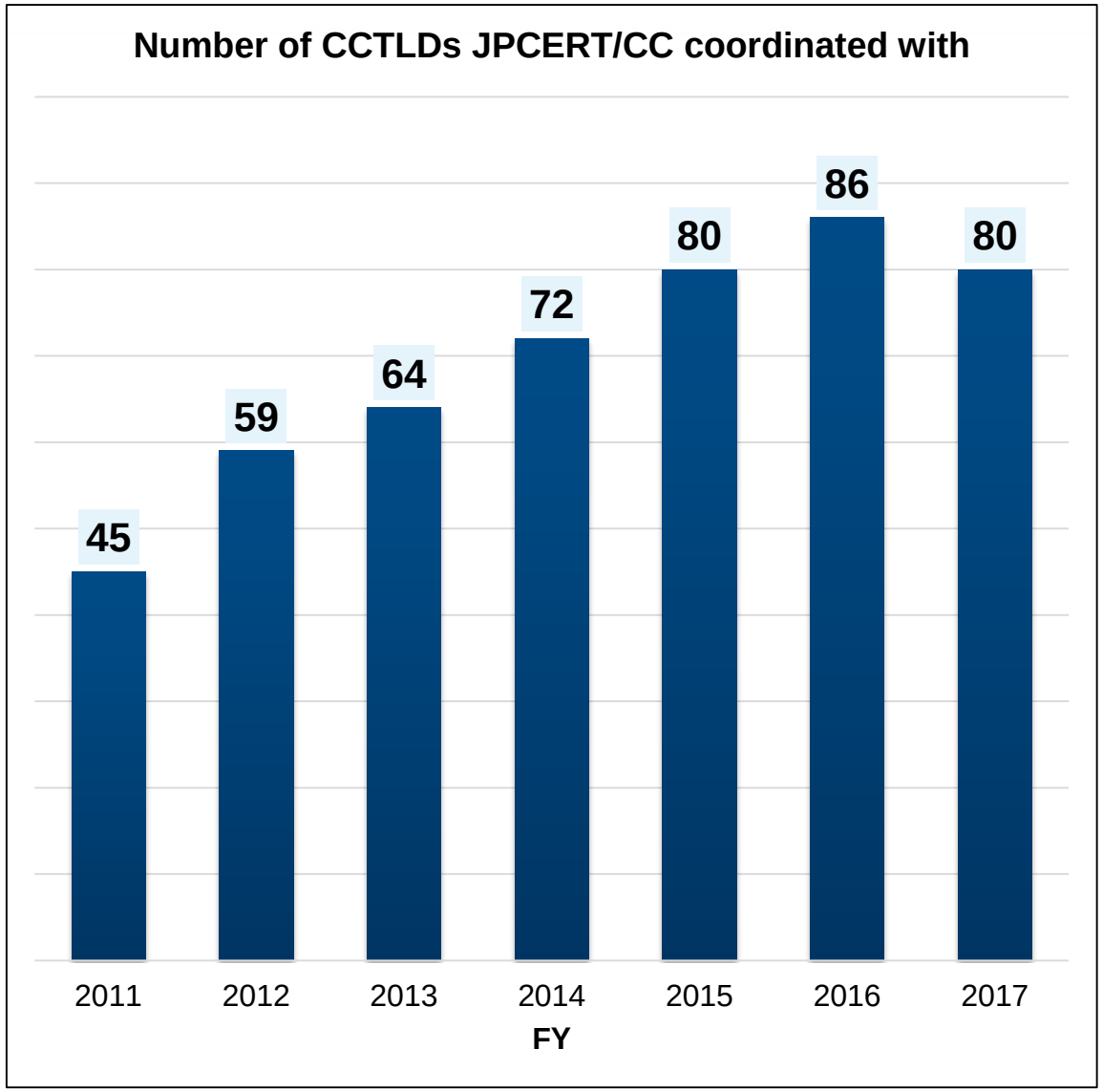
- ISACs (Financial, Electricity, ICT etc.)
- Nippon CSIRT Association (NCA)
  - —Local CSIRT community in Japan



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Collaboration with foreign counterparts

- JPCERT/CC has coordinated with more than 130 CCTLDs (Country Code Top Level Domain) in total



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Capacity Building for Overseas CSIRTs

- CSIRT Development Training (On-site)
  - Cambodia (’07,’08), Indonesia (’10, ‘14), Laos (’07,’09,’12,’13, ‘14), Mongolia(’09,’13, ‘14) Myanmar (’07,’11x2,’12x2, ‘15), Qatar (’06), Thailand (’12, ‘14x3), Vietnam (’10x2)
  - Pacific Islands (PacCERT) ’11 –’14
  - Africa (AfricaCERT) ’10 - (ongoing)



- C/C++ Secure Coding Seminar
  - India(’10), Indonesia(’09,’11, ‘13), Philippines(’10), Thailand(’09,’11), Vietnam(’10)

- Java Secure Coding Seminar
  - Indonesia(’12), Thailand(’12)



- Android Secure Coding Seminar
  - Thailand(’12), India (’14, ‘18), Indonesia (‘19)

- TSUBAME (Internet Threat Monitoring System)
  - Workshop @APCERT AGM ‘09 – (ongoing)
  - Indonesia (’14), Laos (‘14), Sri Lanka (‘14), Hong Kong (‘17), Taiwan (‘18)

- Dispatching experts and lecturers for the training conducted by other organizations such as JICA, AOTS and NISC (’08 - ongoing)

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CSIRT collaboration in the region

APCERT Asia Pacific Computer Emergency Response Team

APCERT Operational Members (30 members from 21 economies)

Mongolia
MNCERT/CC, MonCIRT

China
★CNCERT/CC, CCERT

Bhutan
BtCIRT

Bangladesh
bdCERT, BGD e-Gov CIRT

India
★ CERT-In

Myanmar
mmCERT

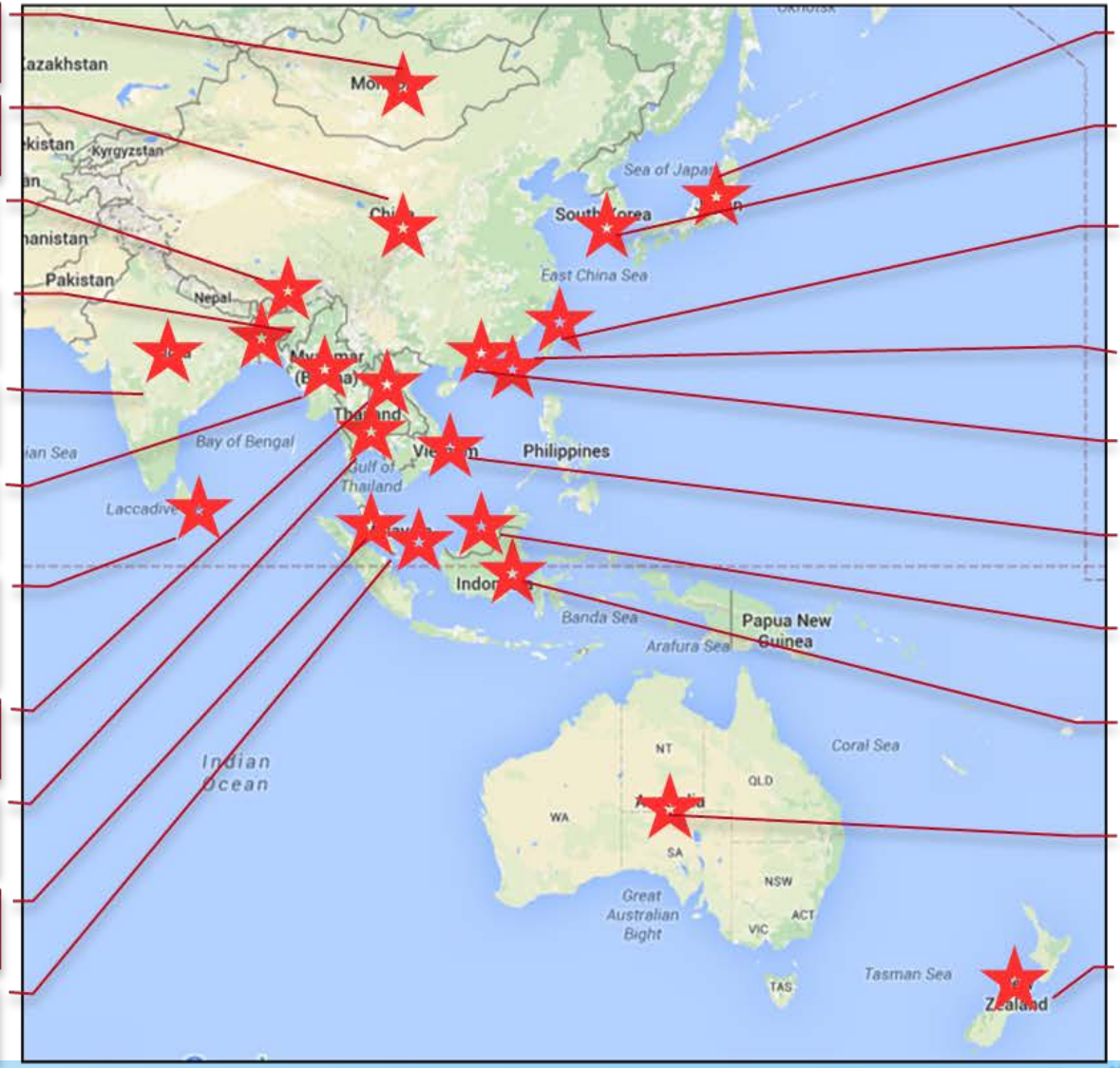
Sri Lanka
Sri Lanka CERT|CC
TechCERT

Laos
LaoCERT

Thailand
ThaiCERT

Malaysia
★MyCERT

Singapore
SingCERT



Japan
★JPCERT/CC

South Korea
★KrCERT/CC

Taiwan
★TWNCERT,
TWCERT/CC, EC-CERT

Hong Kong
HKCERT, GovCERT.HK

Macau
MOCERT

Vietnam
VNCERT

Brunei
BruCERT

Indonesia
Id-SIRTII/CC, ID-CERT

Australia
★ACSC (Chair),
AusCERT

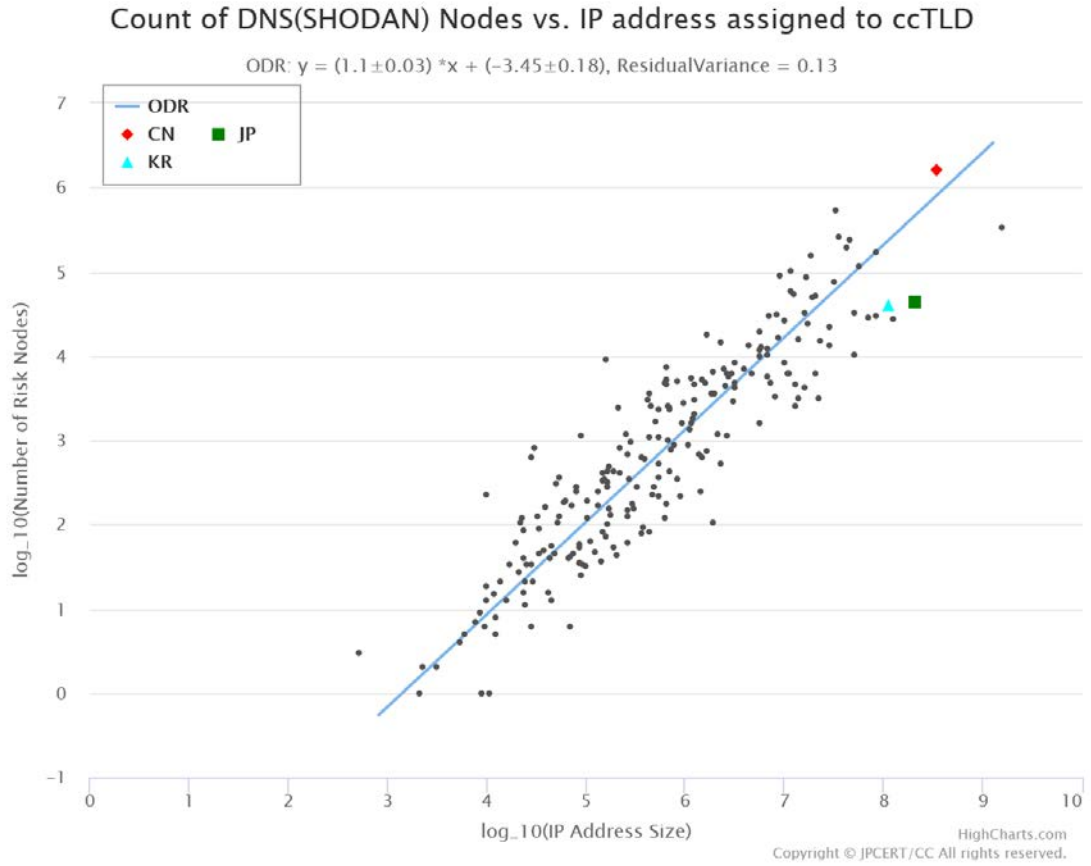
New Zealand
CERT NZ

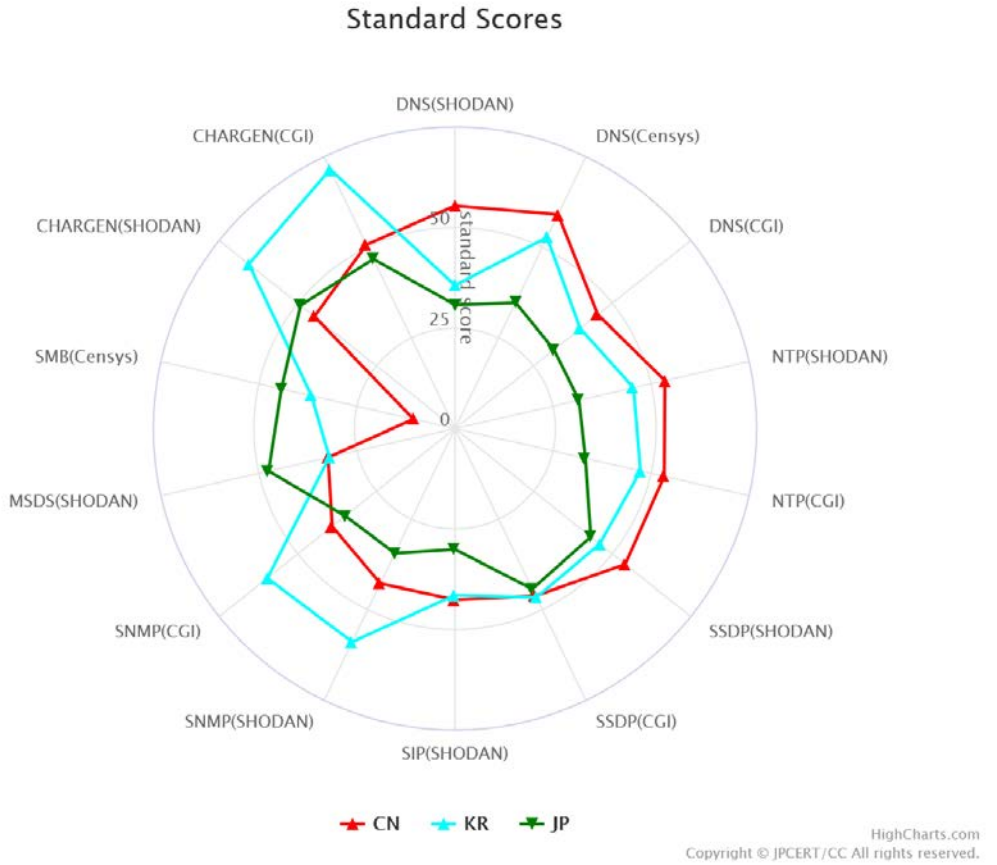
★Steering Committee

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Cyber Hygiene

- "Mejiro": Internet Risk Visualization Service
  - https://www.jpcert.or.jp/english/mejiro/index.html
- Risk factors calculated in accordance with the size of IP address allocation





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Thank you for your attention

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- JPCERT/CC Eyes
  - https://blogs.jpcert.or.jp/en/

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