Meeting Document Summary Sheet

Document Title:

Enhancing cyber trust in APEC

Purpose:

Promoting the implementation of a regional financial CERT.

Issue:

Building a safe digital environment for APEC economies.

Background:

During the past few years, cybersecurity has become one of the most relevant and concerning issues in the digital agenda. The ability of governments to effectively confront cyber threats and data breaches depends on displaying appropriate regulations and institutions that enhance cyber resilience without inhibiting the digital economy's dynamism.

ABAC Chile regards cybersecurity and cyber resilience as a shared responsibility between governments and private stakeholders and supports enhancing public-private and regional cooperation to effectively protect systems and prevent, mitigate, and respond to cyber attacks. Regional collaboration thus understood might be an effective way to enhance trust around the digital economy.

In this presentation, ABAC Chile will address the issue of cyber trust, which is fundamental to ensure the sound performance of data flows, critical infrastructure and cybersecurity mechanisms per se.

This presentation addresses some of the vulnerabilities in the APEC region regarding cyber security, and proposes approaching the enhancement of trust in the region through collaboration paths, focusing on the implementation of a specific sector—finance—computer emergency response team (CERT).

Proposal /Recommendations:

- Conducting a workshop on cybersecurity and the potential to develop a regional financial CERT.
- Promote discussion on feasibility and convenience of this proposal.
- Give recommendations to Leaders if applicable.

Enhancing cyber trust in APEC

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National Cyber Security Index, 2018

Estonia's NCSI Index, 2018 (18 APEC economies)		
Pillars	**Topics**	**Indicators**
General cyber security Indicators	• Cyber security policy development • Cyber threat analysis and information • Education and professional development • Contribution to global cyber security	16
Baseline cyber security Indicators	• Protection of digital services • Protection of essential services • E- identification and trust services • Protection of personal data	16
Incident and crisis management indicators	• Cyber incidents response • Cyber crisis management • Fight against cyber crime • Military cyber operations	14

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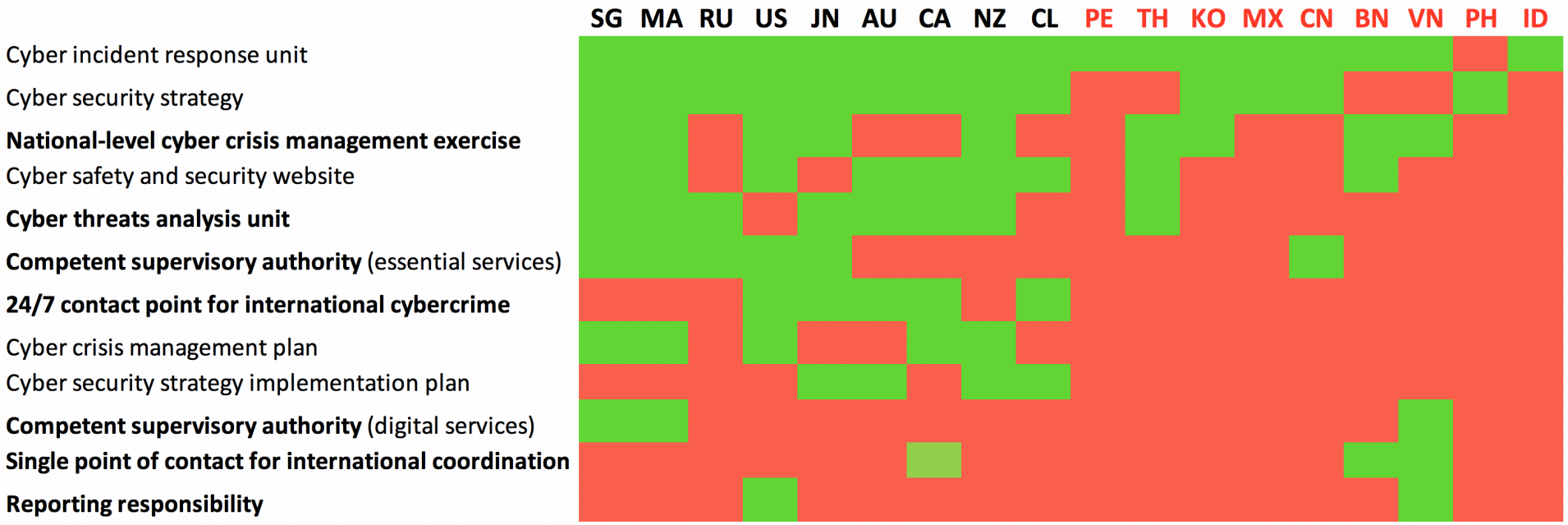
NCSI: Vulnerabilities in APEC economies



Source: NSCI 2018

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Trust and security in the cyberspace

Trust

Critical for

- Data flows
- Critical infrastructure
- Cyber security (i.e. CERT)

Cooperation

- Formal & informal mechanisms
- Financial CERT (Computer Emergency Response Team)
  - Nordic financial CERT
  - Israel's FC3

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Cooperation: APCERT

- Asia-Pacific Computer Emergency Response Team: CERTs and Computer Security Incident Response Teams (CSIRTs) coalition.
- APCERT comprises CERTs and CSIRTs from 30 Asia-Pacific economies.
- APEC members of APCERT **(13)**: Australia, Brunei, China, Hong Kong, Indonesia, Japan, Korea, Malaysia, New Zealand, Singapore, Taiwan, Thailand, Vietnam.
- Not present: Canada, Chile, Mexico, PNG, Peru, Philippines, Russia, US.

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Cooperation: Israel's Financial CERT

Platform

- Interaction and collaboration
- Anonymous threat sharing
- Research
- CERT alerts

Value

- Strengthen financial services sector resiliency against physical and cyber attacks
- Proactive approach, alerts before incident
- Incident handling
- If attack happens, helps mitigate

Cooperation

- Works with 60 international CERTs
- 25 collaboration programs with international companies
- 70 hosting foreign delegations

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Collaboration

- **Mission and best practices**
  - Information sharing (including for threats) & technology exchange where possible;
  - Developing measures to collaboratively monitor threats;
  - **Assisting other CSIRTs and CERTs in the region to conduct efficient and effective computer emergency and incident response and mitigation.**

- **Activities**
  - Cyber security drills
  - Periodic CERTs and CSIRTs conferences
  - Workshops
  - Training

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Work program

- **ABAC I:** Kickstart discussion.
- **ABAC II:** Report on workshop on cyber security and financial CERTs to be held in Santiago.
- **ABAC III:** Recommendations to Leaders.