CERT Tonga

(Computer Emergency Response Team)

Tonga National Computer Emergency Response Team

"A safe and secure digital environment for the Kingdom of Tonga and its citizens", CERT Tonga's Vision

PacNOG 32 27 Nov 2023

Tonga's National Computer Emergency Response Team

Ministry of Meteorology, Energy, Information, Disaster Management, Environment, Climate Change, Communication and CERT.
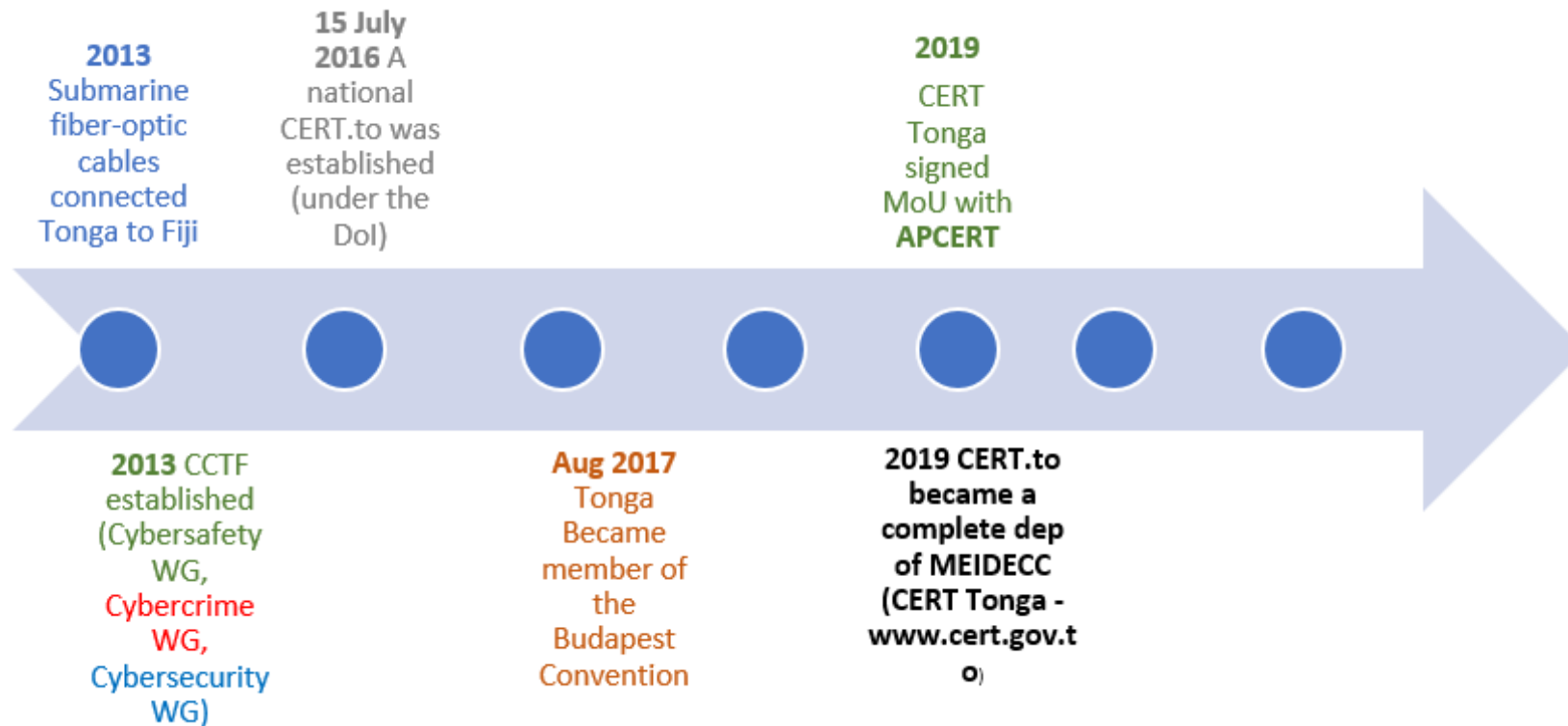
CERT Tonga

- Vision:

  A safe and secure digital environment for the Kingdom of Tonga and its citizens.

- Mission:

  To coordinate and collaborate amongst stakeholders to prevent through public awareness, detect and manage cyber threats in the Kingdom of Tonga.

Background Information

2013
Submarine fiber-optic cables connected Tonga to Fiji

15 July 2016 A national CERT.to was established (under the DoI)

2019
CERT Tonga signed MoU with **APCERT**

2013 CCTF established (Cybersafety WG, Cybercrime WG, Cybersecurity WG)

Aug 2017 Tonga Became member of the Budapest Convention

2019 CERT.to became a complete dep of MEIDECC (CERT Tonga - www.cert.gov.to)

CYBER CHALLENGE TASKFORCE (CCTF)

Key Cyber Security Stakeholders

MIA, Finance, PEs
'I AM DIGITAL', CSP (AFP)

TP and AGO

Chaired by: Min of MEIDECC

National CERT Tonga (MEIDECC)

MoE, MoH, DoC (MEIDECC), ISPs, Cyber Pasifika, Cyber Ambassadors, TWICT, Tonga Cyber Community

Cyber Safety

Cyber Crime

Cyber Security

PILON, GLACY+, CoE, PTCCC

PaCSON, APNIC, ITU, APCERT
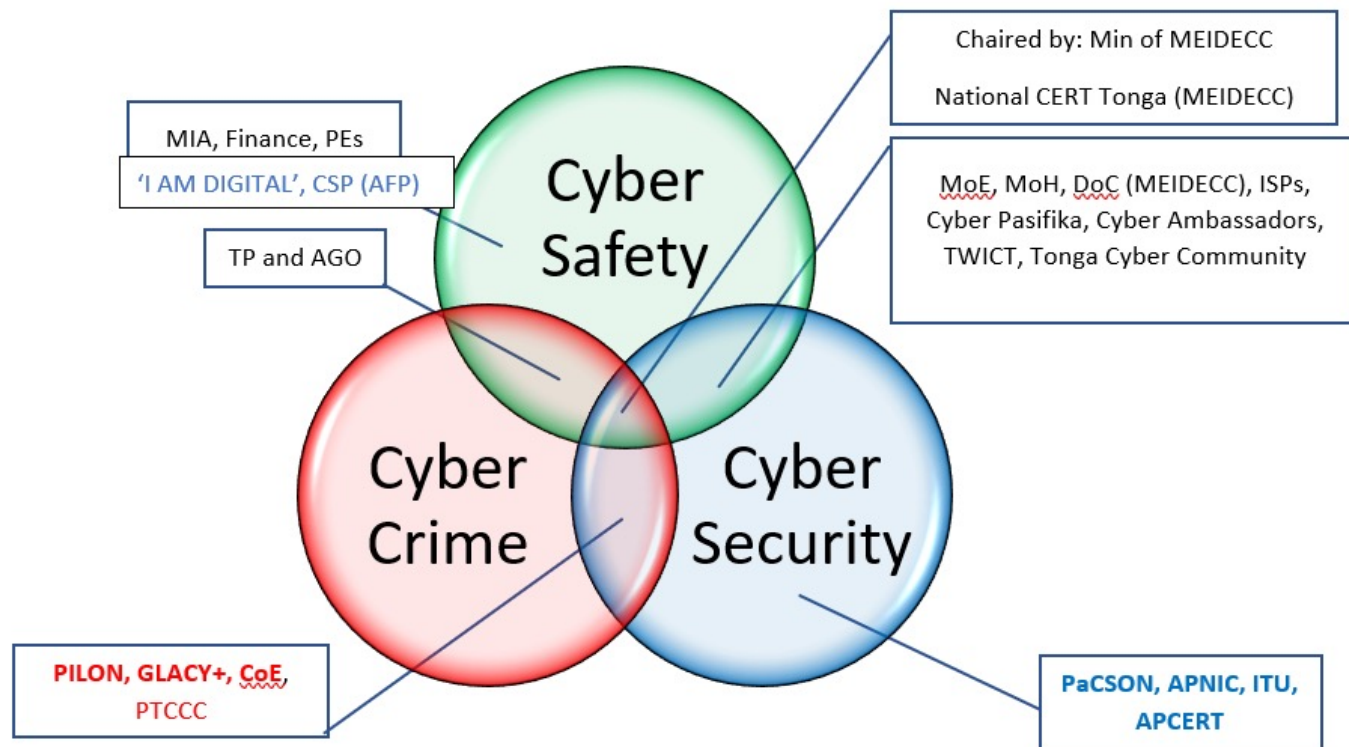
Figure 1: Cyber Challenge Task Force (CCTF)

AUTHORITY (CERT Tonga Board)

1   The CERT Tonga Board will comprise of the following stakeholders:
   - Ministry of Meteorology, Environment, Information, Disaster Management, Energy, Climate Change and Communication [MEIDECC]
   - Attorney General's Office (AGO)
   - Tonga Cable Ltd (TCL)
   - Tonga Communications Corporation (TCC)
   - Digicel (Tonga) Ltd
   - Tonga Chamber of Commerce
   - National Reserve Bank of Tonga
   - Tonga Civil Society
   - Tonga Police

2   The CERT Tonga Board can add or remove a member from CERT Tonga Board.

3   The CERT Tonga Board will oversee the operations of CERT Tonga and give directions where and when necessary.

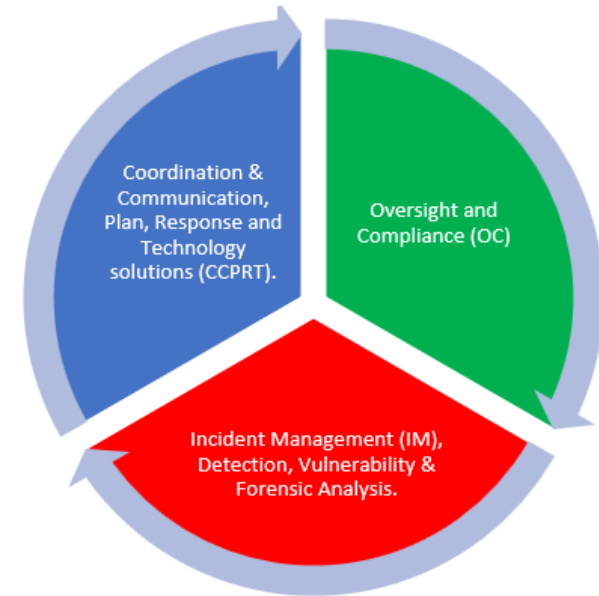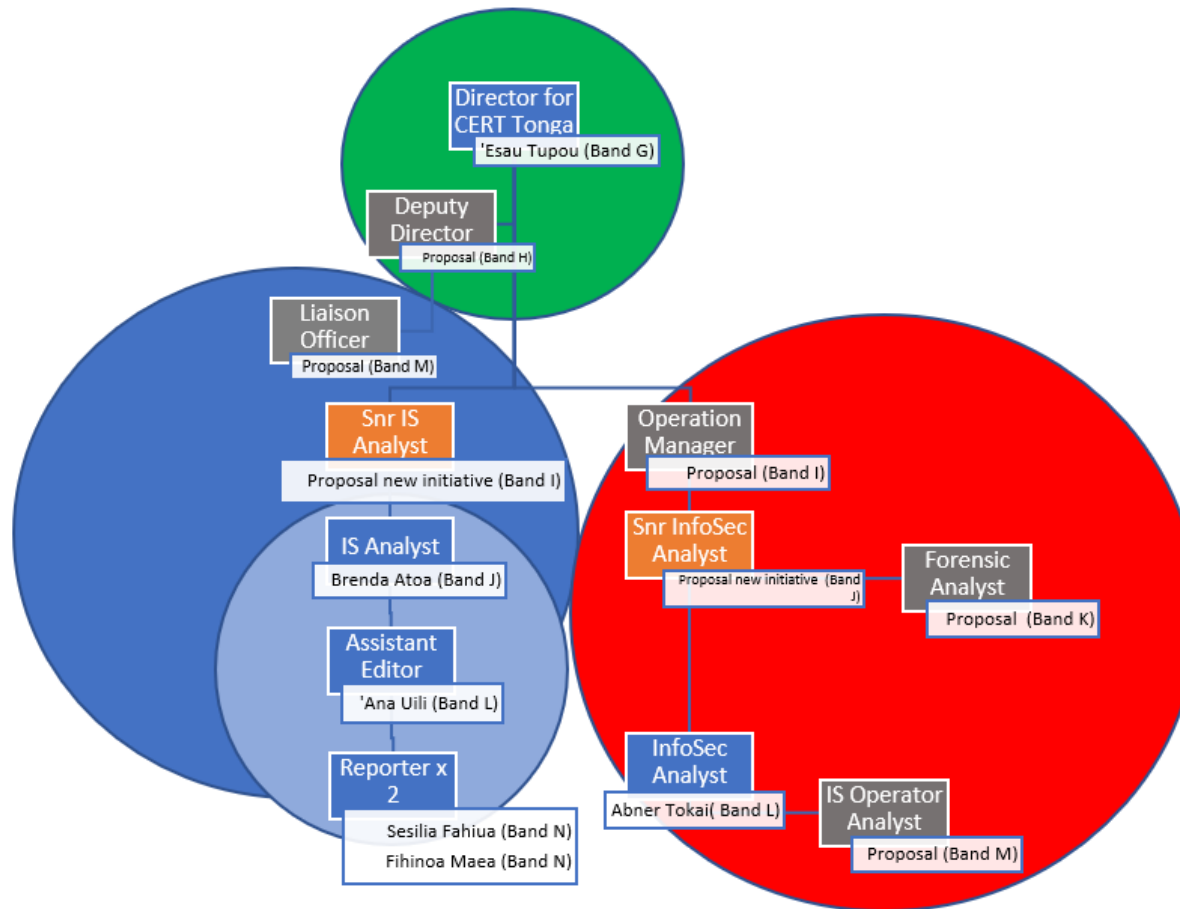4   The CERT Tonga Board will report to the Cyber Challenge Task Force.

Tier IV: Regional & International bodies contribute to Cyberseucrity initiatives in Tonga

- PaCSON	PILON CWG
- APNIC	PTCCC
- GLACY+ CoE	World Bank
- ITU	

Tier III: Community Engagement NGO, OGA & Ambassadors
- TWICT
- Cyber Safety Pasifika (AFP)
- Cyber Ambassadors Program
- Tonga Cybersecurity Community

Tier II: Cyber Security Govt MDA (supporting role)
- Tonga Police   AGO (Gound Law)
- MIA   EDU & HEALTH (Mins)
- ISPs   PE (Critical Infrastructure)

Tier I: MEIDECC (Primary Drivers)
- DoC (Regulator & Comms Cluster/NEC)
- CERT Tonga

PacSON, PILON Cybercrime Working Group, APNIC, PTCCC, GLACY+, CoE, World Bank & ITU

Tonga Women in ICT (TWICT), Cyber Ambassadors Program, Cyber Pasifika, Tonga Cybersecurity Community

MIA, AGO, MoE and MoH, Tonga Police, ISPs, PE

MEIDECC, CERT.to, DoC

Organizational Structure

Output and Activities

1. **Engagement –** Domestic, Regional & International Stakeholders.

2. **Proactive Services –** ID Vulnerabilities, threat Intel and inform Org, Sectors & PEs, etc.

3. **Reactive Services -** Investigate Reported Cyber Incident, etc.

4. **Forensic Services –** Assist Law Enforcement with digital forensic analysis (under the Electronic Communication Abuse Offensive Act 2020).

Computer Emergency Response Team

INCIDENT RESPONSE

O. G. Sanft Building

Level 2 Nuku'alofa

Email address:- cert@cert.gov.to

Telephone: +676 2378

MALO!!!