

Global Cybersecurity Index – Good Practices

AUSTRALIA

LEGAL

- Australia has acceded to the **Council of Europe Convention on Cybercrime**. The convention came into force on 1 March 2013.
- **Cybercrime Legislation Amendment Act 2012**, No. 120, 2012
- Australian **Cybercrime Online Reporting Network** and the **Cybercrime Strategic Framework**
- Australian Communications and Media Authority (ACMA) is responsible for enforcing the Spam Act 2003. ACMA has developed an **online tool to report spam**.
- The Australian Competition and Consumer Commission (ACCC) provides **advice about scams** and how to report them.
- Australian Federal Police (AFP) High Tech Crime Operations (HTCO) is responsible for **investigating high tech crime** in Australia.
- Australian Securities and Investment Commission (ASIC) investigates **scams relating to financial services** such as phishing.



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MALAYSIA

TECHNICAL

- **Malaysia Computer Emergency Response Team (MyCERT)** was formed on January 13, 1997, operating from the office of CyberSecurity Malaysia
- **GCERT MAMPU** was founded in January 2001 by the Government ICT Security Policy Framework (PA 3/2000) to ensure continuity of government ICT arrangements
- GCERT has relations with **55 other CERT agencies**
- **National Cybersecurity Frameworks**
 - National Cyber Security Policy (NCSP)
 - Arahan 24 (NSC Directives No. 24)
 - The Cabinet's Decision in 2010
 - Arahan Keselamatan under Chief Government Security Office (CGSO)
 - NCSP - Policy Thrust 3: Cybersecurity Technology Framework



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KOREA

ORGANIZATIONAL

- **National cyber security measures** for a systematic government-level response to various cyber threats to national security, including four strategies established with a goal to realize powerful cyber security:
 - To strengthen promptness of cyber threat response system
 - To establish smart cooperative system for relevant agencies
 - To reinforce robustness of cyber space security measures
 - To build creative basis for cyber security
- **Personal information protection normalization plan** to promote a general approach for information management and protection of system, technology & rights
- Overseen by the **Ministry of Science, ICT and Future Planning**
- **National Information Security Index**: An objective and quantitative measure for assessing the information security level of the private sector (enterprises and individual internet users) in Korea
- **Comprehensive political activities** performed through reference to cases in various countries and exemplary cases



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INDIA

CAPACITY BUILDING

- A number of **R&D projects** have been supported at premier academic and R&D institutions in the identified Thrust Areas: (a) Cryptography and cryptanalysis, (b) Steganography, (c) Network & systems security assurance, (d) Network Monitoring, (e) Cyber Forensics and (f) Capacity Development in the area of cyber security. A host of Cyber Forensic tools have been developed in the country.
- **Nation-wide Information Security Education and Awareness Programme** have been in progress.
- CERT-In, in collaboration with CII, NASSCOM and Microsoft, has created a **portal “secureyourpc.in”** to educate consumers on cyber security issues.
- **Cyber security training facilities** have been set up to provide training to law enforcement agencies and facilitating cyber crime investigation.
- **Training Centres** have been set up at CBI, Ghaziabad and Kerala Police to facilitate advanced training in cyber crime investigation.
- **Computer forensic labs and training facilities** are being set up in J&K state, North Eastern states.
- **Forensic Centres** have been set up with the help of NASSCOM at Mumbai, Bangalore, Bhopal and Kolkata.
- **Virtual training environment** based training modules have been prepared.
- **94 training programmes** have been conducted by CERT-In on specialized Cyber Security topics – in which **3392 people have been trained**.



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JAPAN

COOPERATION

- In the Asia Pacific region, **JPCERT/CC helped form APCERT** (Asia Pacific Computer Emergency Response Team) and provides a secretariat function for APCERT.
- Globally, as a member of the Forum of Incident Response and Security Teams (**FIRST**), JPCERT/CC cooperates with the trusted CSIRTs worldwide.
- **International Strategy on Cybersecurity** - j-initiative for Cybersecurity
- **International cooperation** with US, EU, Israel, South America
- **UNGGE, G8, OECD, APEC, NATO, ASEAN collaboration**
- **Meridian and International Watch and Warning Network**
- Signatory to the **Budapest Convention**
- Ministry of Defense Information Sharing programs
 - **METI Cybersecurity Information Sharing Partnership Japan (J-CSIP)**

