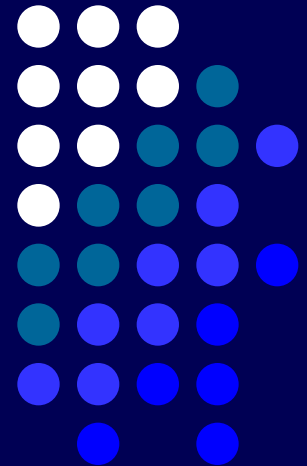




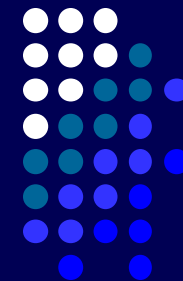
APCERT

Asia Pacific Computer Emergency Response Team: Updates & Challenges

Angel S. Averia, Jr.
President of PHCERT
On behalf of APCERT



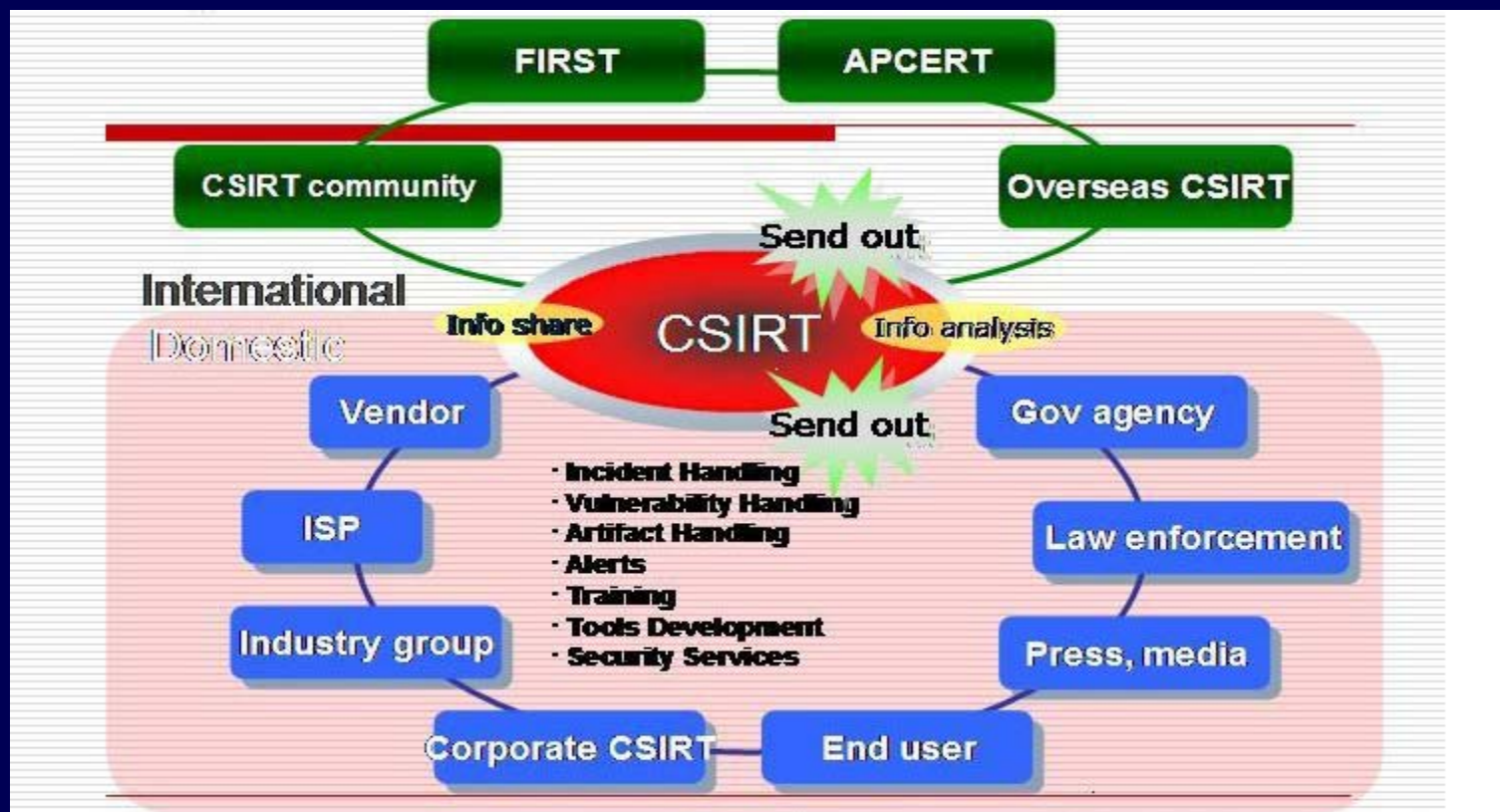
About APCERT & CSIRT



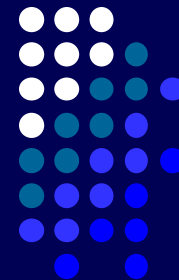
- **APCERT** (Asia Pacific Computer Emergency Response Team) is a coalition of the forum of **CSIRTs***.

CSIRT: Computer Security Incident Response Team

International Collaboration Model for Information Security



Objectives



- Encourage and support regional and international cooperation on information security in the Asia Pacific region;
- Jointly develop measures to deal with large-scale or regional network security incidents;
- Facilitate info sharing and technology exchange, including info security, computer virus and malicious code, among its members;
- Promote collaborative research and development on subjects of interest to its members;

- Assist other CSIRTs in the region to conduct efficient and effective computer emergency response capability;
- Provide inputs and/or recommendations to help address legal issues related to info security and emergency response across issues regional boundaries;

- Organize annual conference to raise awareness on computer security incident responses and trends.



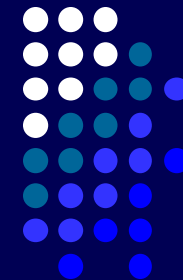
**Network Security
Cooperation**



**Emergency
Response**



**Computer Security
Awareness**



APCERT Member Teams

22 Teams / 16 Economies, as of Feb. 2009

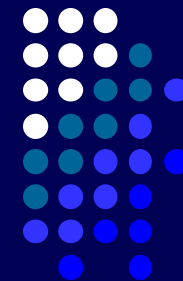
Full Members (16)

- AusCERT – *Australia*
- BKIS – *Vietnam*
- CCERT – *People's Republic of China*
- CERT-In – *India*
- CNCERT/CC – *People's Republic of China*
- HKCERT/CC – *Hong Kong, China*
- IDCERT – *Indonesia*
- JPCERT/CC – *Japan*
- KrCERT/CC – *Korea*
- MyCERT – *Malaysia*
- PH-CERT – *Philippine*
- SingCERT – *Singapore*
- ThaiCERT – *Thailand*
- TWCERT/CC – *Chinese Taipei*
- TWNCERT – *Chinese Taipei*
- VNCERT – *Vietnam*

General Members (6)

- **BDCERT** – *Bangladesh – NEW!*
- BP DSIRT – *Singapore*
- BruCERT – *Negara Brunei Darussalam*
- GCSIRT – *Philippine*
- NUSCERT – *Singapore*
- SLCERT – *Sri Lanka*





CNCERT/CC KrCERT/CC JPCERT/CC

HKCERT VNCERT

certmx

ThaiCERT

BKIS

BruCERT

MyCERT
Malaysia Computer
Emergency Response
Team

SingCERT

AusCERT

- ◆ **Date: 4th December 2008**

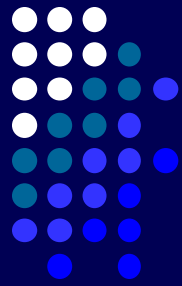
- ◆ **14 Participant Teams**

AusCERT
BKIS
BruCERT
CERT-In
CNCERT/CC
HKCERT
JPCERT/CC
KrcERT/CC
MyCERT
SingCERT
TWN CERT
ThaiCERT
SLCERT
VNCERT

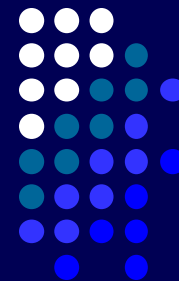
Drill Scenario

◆ The simulated attacks were themed to be deployed by the professional cybercriminal groups who trade stolen data or malicious online service in the underground economy. The online underground economy is growing and the cybercriminal groups are becoming organized and scattered across border, impairing the healthy economic activity and political stability.

The Need for Regional Collaboration

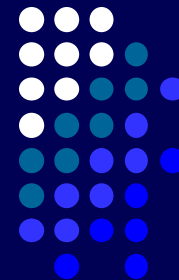


- Cross Border Coordination and information sharing
- Trusted Contacts
- Time Zone & IP Addresses within APNIC
 - 60 degree parallel (longitude)



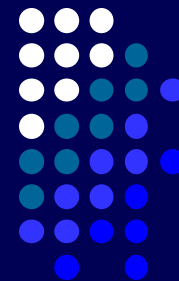
Awareness Raising Activities

- Target – Security incident response communities, security experts, policy makers
- APCERT Annual Conference
 - Exchange views with security experts of Asia Pacific CSIRTs.
 - Local outreach and awareness raising of critical organizations and local govts
 - 3-5 March 2009@Chinese Taipei
- Liaison Activities
 - FIRST, TF-CSIRT, GCC, OAS, AfNOG, APEC-TEL, ASEAN, ICANN, APNIC, DotAsia, ITU, APWG, AP* ...
- APCERT Report on web < <http://www.apcert.org/documents/index.html>>
 - Member teams yearly report on incident trends, statistics, new projects, etc.
- APCERT Drill
 - Annual communication check drill based on the scenario
 - Conjunction with each members local exercises
 - APCERT collaboration promotion Video



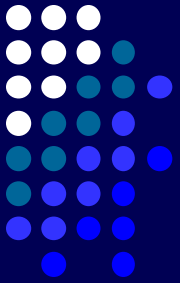
APCERT at Regional Events

- ***APEC TEL 38, 13th-17th October 2008 in Lima, Peru***
 - *MyCERT presented on APCERT updates and our challenges:*
 - [*http://www.mtc.gob.pe/portal/apectel38/security.html*](http://www.mtc.gob.pe/portal/apectel38/security.html)
 - *JPCERT/CC shared a joint presentation on APCERT member contributions in awareness raising activities:*
 - [*http://www.mtc.gob.pe/portal/apectel38/cyber.html*](http://www.mtc.gob.pe/portal/apectel38/cyber.html)
- ***AVAR 2008, 10th-12th December 2008 in New Delhi, India***
 - *APCERT contributed as Supporting Partner of the event.*
 - [*http://www.aavar.org/avar2008/index.htm*](http://www.aavar.org/avar2008/index.htm)
- ***OIC-CERT Seminar 2009 for OIC Countries, 13th-15th January 2009 in Kuala Lumpur, Malaysia***
 - *CyberSecurity Malaysia organized the seminar.*

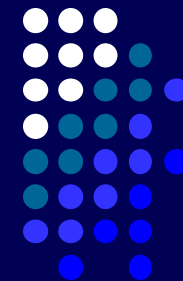


Other Activities & Affiliations

- Visiting New CSIRTs in Asia Pacific
 - *APCERT SC members visited several CSIRTs and relevant government departments, to support and cooperate in incident handling and information sharing.*
- DotAsia Advisory Council Member
 - *APCERT to assist DotAsia in policy development and relevant community projects.*



Up-coming Activities



APCERT AGM 2009

- ***APCERT AGM & Conference 2009***

- ***3rd-5th March 2009 in Kaohsiung, Chinese Taipei***

- ***<http://apcert2009.cert.org.tw/apcert2009/>***

- ***AGM & Conference***

New Members, Annual Reports, Election, Future Developments

- ***An opportunity for APCERT Teams, CSIRTs of the AP region, and other closely related organizations to come together and share the trends and challenges, engagements and technical expertise in the field of Internet Security.***

- ***Raise the capacity of addressing large-scale and cross-boarder security incidents through a trusted relationship.***

Thank you

APCERT General Contact:
apcert-sec@apcert.org

APCERT Website:
<http://www.apcert.org>

