

A CERT Organization for Hong Kong

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Agenda

- ◆ What is a CERT
- ◆ Why Hong Kong needs its own CERT
- ◆ Forming a HKCERT

Background

- ◆ CERT/CC - Computer Emergency Response Team Coordination Centre
- ◆ Founded in December 1988 at Carnegie Mellon University, Software Engineering Institute to responds to a number of network incidents
- ◆ Funded by Defence Advanced Research Projects Agency (DARPA)

Charter

- ◆ to work with the Internet community to facilitate its response to computer security events,
- ◆ to take proactive steps to raise the community's awareness of computer security issues, and
- ◆ to conduct research targeted at improving the security of existing systems

Goals

- ◆ Facilitate the centralised reporting of incidents
- ◆ Perform training and raise the security awareness
- ◆ Provide a clearing house for computer security information
- ◆ Promote computer security policies
- ◆ Develop or distribute software tools
- ◆ Encourage vendors to respond to product related problems
- ◆ Provide liaisons to legal and criminal investigative groups

Services

- ◆ 24 hours technical assistance
- ◆ responding to computer security incidents
- ◆ product vulnerability assistance
- ◆ technical document and courses
- ◆ mailing list for advisories
- ◆ web site & anonymous FTP

Work Areas

- ◆ Security Improvement
- ◆ Information Security Evaluation
- ◆ Incident Response
- ◆ Incident and Vulnerability Analysis
- ◆ Knowledgebase Development
- ◆ Education and Training
- ◆ Publications

Advocacy & Other Interactions

- ◆ Internet Engineering Task Force
- ◆ Vendor Relations
- ◆ External Events
- ◆ Media Relations

CERT Organizations Around the World

- ◆ Around 90
- ◆ Some Serve Specific Groups of Users
 - ◆ Hardware
 - ◆ Banks
 - ◆ Government Agencies
 - ◆ Universities, etc.
- ◆ Nation-wide CERTs

CERT Organizations Around the World

- ◆ Geographical Locations
 - ◆ North America (55)
 - ◆ Europe (25)
 - ◆ Asia (7)
 - ◆ Japan, Singapore, Korea, Taiwan, Malaysia
- ◆ Global Infrastructure - FIRST (Forum of Incident Response and Security Team)

Why Hong Kong needs its own CERT

- ◆ One Stop Service
- ◆ Cultural
- ◆ Legal
- ◆ Language difference
- ◆ Promote local awareness
- ◆ Help reduce work load of other CERT

What is Next

- ◆ Form Hong Kong CERT
- ◆ Seek Funding to establish HKCERT
- ◆ Seek Support and Advice from different groups

HKCERT - Proposed Infrastructure

- ◆ Steering Committee
- ◆ Project Team
- ◆ Focus Group
- ◆ Operational Teams
 - ◆ Day to Day Work

HKCERT - Proposed Activities

- ◆ Incident Response
- ◆ Dissemination
- ◆ Promotion & Awareness
- ◆ Seminars & Workshops
- ◆ Technical Assistance
- ◆ Co-operation & Co-ordination

Your Contribution

- ◆ Comments and Suggestions
- ◆ Participate in future CERT Activities
- ◆ Share Experience with HKCERT
- ◆ Report Incidents

Thank You

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