CERT ae | Computer Emergency Response Team

فريـــق الإستجــابة لطـــوارىء الحاسـب الآلـي

**Regional Workshop on Frameworks
for Cybersecurity and CIIP
18 – 21 Feb 2008
Doha, Qatar**

**A National Cybersecurity Strategy
aeCERT Roadmap**

Eng. Fatma Bazargan
aeCERT – Project Manager
Technical Affairs Department
UAE Telecom Regulatory
Authority

agenda

» introduction

» the vision and mission

» goals and objectives

» the roadmap

» constituents tiered model

» services

» national security awareness campaign

» so far and the way forward

» summary

introduction

- aeCERT is the United Arab Emirates Computer Emergency Response Team National CERT in the UAE

- initiative by the UAE Telecommunications Regulatory Authority (TRA)

- is an advisory body and may recommend the adoption of good practice policies, procedures and technologies

- to detect, prevent and respond to the current and future cyber security incidents in the UAE

- to promote, build and ensure a safer cyber environment and culture in the UAE

- will serve the government, law enforcement and business sectors in the UAE

vision and mission

- vision
  - to be the leading trusted cyber security co-ordination center in the region.

- mission
  - to help build a safe and secure cyber culture in the UAE; and
  - to sustain a resilient and vigilant ICT Infrastructure against the broader set of cyber security threats.

goals

- to promote information security awareness across the UAE;

- to deliver analysis of global and specific cyber security threats;

- to provide coordination and advisory services on mitigating cyber security risks;

- to gather, analyze, correlate and disseminate security relevant information;

- to act as a central point of contact for reporting cyber security incidents;

- to build national expertise in information security, incident management and computer forensics; and

- to foster the establishment of and provide assistance to constituent Computer Security Incident Response Teams (CSIRTs).

constituents tiered model

- constituents divided into tiers each defined by its level of cyber security risk assessment
- services delivered to the organization relates to the tier it belongs
- the tiers are as follows:
  - Tier 1: organizations damage to which would cause critical harm to the critical information infrastructure
  - Tier 2: organizations damage to which would cause serious harm to the critical information infrastructure
  - Tier 3: organizations damage to which would cause some harm to the critical information infrastructure
  - Public: all other sectors and the wider public within the UAE
- will liaise with the regional and international CERTs/CSIRTs

services

- planning to offer 23 services as per the aeCERT Service Catalogue mapped to their dates of launch

- services include:
  - advice and education;
  - threat alerting and communications;
  - incident handling and response;
  - research and analysis; and
  - best practice guidelines.

national security awareness campaign

- the first UAE and GCC national information security awareness campaign to be made available to the public
- key factor to aeCERT's national strategy to help build and promote a safer cyber culture within the UAE
- provides comprehensive eLearning content via the web
- It was launched in nov. 2007 around the theme of *"protecting your online identity"* including topics: Information Security Essentials, Password Security and Social Engineering.
- available both in english and arabic and caters business users, home users and students
- The content is supported with related collateral such as downloadable reminder cards and screen savers

national security awareness campaign (contd)

- this month releases will include:
  - Frequently Asked Questions (FAQs) and Posters for the resoundingly successful first installment;
  - Q2 launch themed around *"Understanding Internet Threats"* which covers the issues and safeguards for E-mail, Web and Instant Messaging Security;
  - National Outreach Program targeting schools and universities; and
  - aeCERT public seminars.

What's coming next..

- national threat monitor
- structured early warnings and alerts
- UAE Honeynet project
- national incident response framework
- digital forensics laboratory
- research and development projects
- cyber security technical center of excellence
- 24x7 operation scheduled

in summary

- aeCERT is the UAE National CERT; an initiative by the Telecommunications Regulatory Authority (UAE-TRA);
- aim to: build and promote a safer and secure cyber culture in the UAE;
- our deliverables: awareness, expertise, collaboration and mitigation;
- our services:
  - advice and education;
  - threat alerting and communications;
  - incident handling and response;
  - research and analysis; and
  - best practice guidelines.

Contact:

Eng. Fatma Bazargan

aeCERT – Project Manager

UAE TRA – Technical Affairs Dept.

e-mail: fatma.bazargan@aecert.ae

visit aeCERT @ www.aecert.ae