

The 20th Scientific Conference for Information Systems and Computer Technology Towards National and Institutional Information Privacy and Security Policies

Cairo: 29-30 May 2013

I. INTRODUCTION:

Advances in Information Technology (IT) have greatly benefited the conduct of government agencies, institutions, organizations, and other business enterprises and have become essential to every day communications. IT is providing greater accessibility, mobility, convenience and importantly efficiency and productivity. Therefore, the prosperity of any nation and its institutions in the world is dependable on taking full advantage of the digital revolution and of what it offers.

Hence, the information infrastructure regarding the nation's and its institutions, organizations and enterprises, as well as its citizens is considered vital to the functionality of the nation's and institutions in maintaining the national and institutional modernization and prosperity which require national and institutional privacy and security. This information technology infrastructure, however, is under a perpetual attack by a variety of sources, from novice hackers to sophisticated groups that seek to gain or deny access to disrupt, degrade, or destroy the information systems, networks and their information resources. These threats will likely expand over time as more of our critical infrastructure of information systems and networks connected to the Internet, and malicious cyber activities grows in volume and become more sophisticated and targeted, creating even greater potential for more severe consequences.

To cope with all the threats of electronic information resources within the nation and its institutions in many countries in the today world, designed and formulated their privacy and security policies to safeguard their information systems and networks. The Information privacy and security policies outline the responsibilities and the acceptable use when using computers and networks. Security controls include management controls, operational controls and technical controls.

The privacy and security policy is basically a plan, outlining what the country's or the institution's critical assets are, and how they must (and can) be pro-

tected. Its main purpose is to provide all persons concerned with brief overview of acceptable use of any of the information assets, as well as to explain what is deemed as allowable and what is not, thus engaging them in securing the national and institutional critical information systems and networks.

Therefore, this conference is basically considered one of the main reasons behind the creation of national and institutional policies for information privacy and security that are not existed up to now legally, managerial, technical and operational in Egypt. Hence, there is an urgent need to design, formulate and legislate an Egyptian national and institutional information privacy and security policy that form an important part of the nation strategy to enhance its information privacy and security capability.

II. CONFERENCE GOAL:

The conference aims mainly at providing a forum for disseminating the latest research results in information privacy and security practices in the advanced societies as well as to get Egyptian business enterprises whether in private or public or government agencies and organizations to be aware and understand of know how to design, formulate and legislate their privacy and security policies for enabling them to better benefit and mobilize their own IT resources. Therefore, this conference encourages submissions of research papers and presentations from academia, industry and government addressing theoretical and practical problems in information privacy and security and relates to areas topics of interest.

III. THEMES OF THE CONFERENCE:

The conference is to study and discuss the following main themes:

- Information privacy and security governance (information security engagement, roles and responsibilities of information privacy and security personnel and managers, information privacy and security documentation, systems accreditation, information privacy and security monitoring, cyber security incidents, etc.) .
- Physical security (physical security for systems and networks).
- Personnel security (Personnel security for systems and



networks).

- Communications security (communications infrastructure, communications systems and devices).
- Information technology privacy and security (Product security, media security, software security, access controls, cryptography, network and web security, gateway security, working-off-site).
- Intrusion detection, prevention and response, as well as intrusion tolerance and recovery.
- Vulnerability detection and migration.
- Benchmark, analysis and evaluation of security systems.
- Etc.

IV. RESEARCH REPORTS AND PAPERS SUBMISSION:

The papers submissions for the 20th Scientific Conference are to be in the following categories:

- Full-length submissions: Interested experts and researchers may submit a full-length original and previously unpublished conceptual or empirical research manuscript for review and decision. Accepted papers will be published in the conference proceedings.
- Research-in-progress submissions: Interested individual researchers who are engaged in post graduate studies or occupied in research projects for certain enterprises are urged to submit their research plans or projects in progress outcomes.

● Abstracts: All the above submitters of papers should provide and present abstracts of their papers of no more than 100 words indicating the key words to be utilized in the intended papers.

● Paper manuscript Guidelines:

- Manuscripts of full length and in-progress papers should not exceed 15 A4 pages, with a maximum of five figures / tables.

- Papers must be accompanied by a separate cover letter with every

author (s) names, address, phone and fax numbers, e-mail, full

affiliation, the track or theme to which it is submitted. All

correspondences will be sent to the first author unless otherwise

specified.

● Submitters must provide their e-mail address where the acknowledgement will be forwarded.

● The paper manuscript must contain, in its first page, the paper title,

the author (names, an abstract and a list of key-words.

V. FORMAT FOR PROPOSAL AND FULL PAPER:

● Paper A4 size.

● Margins must be 1 inch.

● Font Face must be “times New Roman” for the Papers written in English, and must be “Simplified Arabic” for the Papers written in Arabic language.

● Font size must be 14 point (Except Paper Title is 18 point and bold).

● Text must be single spaced.

● Subheadings must be 16 points and bold.

● Must include an ABSTRACT (80 – 150 words in length).

● Submission all proposals and papers must be submitted to the following e-mail address of the organizer of the conference.

● All submitted papers must be electronically in MS Word and submitted electronically.

● The submitted papers must be carefully checked for correct grammar, and spelling.

● Submitters should use the Conference President e-mail addresses

[melhadi@yalla.com],[esisact_08@yahoo.com]and

[melhadi@sadatakademy.edu.eg].

● All submissions will undergo a double-blind peer

review by at least three external scholars’ reviewers.

VI. Deadlines Dates For Abstracts and Reports:

● Abstract Submission Date: 15 March 2013.

● Final Report Submission Date 1 May 2013.

● Abstracts and final reports will be referred by a scientific Committee of this conference.

VII. CONFERENCE PARTICIPANTS and FEES:

All conference participants, including presenters and attendees must register for the conference, and are urged to pay the appropriate voluntary registration fee as follows:

○ Interested individuals 100 Egyptian pounds for each Egyptian participant and 300 US\$ for non-Egyptian citizens.

○ Faculty staff and trainers 50 Egyptian pounds for each person.

○ ESISACT and other Egyptian non-governmental organization members 50 Egyptian pounds for each.

○ University and higher institution students 50 Egyptian pounds each.

○ Presenters and submitters of research papers and presentation reports 300 Egyptian pounds for each paper or report for Egyptians, and 300 US \$ for foreigners.

○ Organizations, institutions, companies and banks membership for 3 persons 300 Egyptian pounds for each organization.

○ Organizations, institutions, companies and banks sponsoring the

Conference at least 2000 Egyptian pounds for each.

VIII. CONTACTS:

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Open: Saturday, Monday, and Wednesday Each week from 6-9 PM