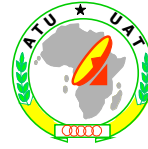




Arab ICT Organization



African Telecommunications Union

4th Arab Forum : E-transactions Security & Public Key Infrastructure

Date :

22 September 2014

[On the occasion of the ICT4ALL Forum (24-25 September 2014)]

Venue :

El Mouradi Hotel – Yasmine Hammamet - Tunisia

Theme 2014 :

“e-Security & PKI :

Towards an effective Arab-African cooperation”



Conference

«e-Security & PKI :

Towards an effective Arab-African cooperation»

The Arab ICT organization [AICTO] is organizing with its partner the African Telecommunications Union (ATU), the 4th Arab Forum on: «e-transactions security & Public Key Infrastructure» within :

- The scope of AICTO project «Arab-African PKI Forum» aiming at the establishment of a trustful framework for the Arab and African countries to develop e-services and e-transactions.
- The follow-up of the recommendations of the previous editions of this forum.

The 4th edition of the Forum will gather international experts from the public and private sectors to make an overview of the **state of the art and future trends** of PKI on the regional and international levels, and exchange about the **latest findings in matter of PKI services and solutions, e-security achievements and challenges** both in **Arab** and **African** countries, and **legal and regulatory aspects**, to be concluded with the launch of the "**Arab-African PKI Forum**".

Date :	22 September 2014 [On the occasion of the ICT4ALL Forum (24-25 September 2014)]																				
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Agenda :	<table><tr><td>08:30 - 09:00</td><td>Registration</td></tr><tr><td>09:00 - 09:30</td><td>Official opening</td></tr><tr><td>09:30 - 10:00</td><td>Keynote speech «PKI : International benchmarking Overview »/state of the art and prospects</td></tr><tr><td>10:00 - 10:45</td><td>Panel 1 « PKI deployment in the Arab and African Region»</td></tr><tr><td>10:45 - 11:30</td><td>Panel 2 « PKI : latest solutions & services»</td></tr><tr><td>11:30 - 11:45</td><td>Coffee break</td></tr><tr><td>11:45 - 12:30</td><td>Panel 3 « E-transactions security : Achievements and challenges »</td></tr><tr><td>12:30 - 13:15</td><td>Panel 4 « Legal and regulatory framework in Arab and African countries »</td></tr><tr><td>13:15 - 13:45</td><td>Round table « Launching the Arab-African PKI forum : Towards an effective Arab-African cooperation »</td></tr><tr><td>13:45 - 14:00</td><td>Closing and recommendations</td></tr></table>	08:30 - 09:00	Registration	09:00 - 09:30	Official opening	09:30 - 10:00	Keynote speech «PKI : International benchmarking Overview »/state of the art and prospects	10:00 - 10:45	Panel 1 « PKI deployment in the Arab and African Region»	10:45 - 11:30	Panel 2 « PKI : latest solutions & services»	11:30 - 11:45	Coffee break	11:45 - 12:30	Panel 3 « E-transactions security : Achievements and challenges »	12:30 - 13:15	Panel 4 « Legal and regulatory framework in Arab and African countries »	13:15 - 13:45	Round table « Launching the Arab-African PKI forum : Towards an effective Arab-African cooperation »	13:45 - 14:00	Closing and recommendations
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4th Arab Forum :

E-transactions Security & Public Key Infrastructure

Theme 2014 :

“e-Security & PKI :

Towards an effective Arab-African cooperation”

Introduction :

Today more than ever, governments and businesses face increasing pressure to conduct most of their services and transactions electronically. Indeed, e-transactions are becoming a key driving force and an indicator of the development status of national and international economies.

According to the recent global statistics, the number of countries adhering to e-commerce and adopting e-government services is on the rise, and the relevant market counts about 1,2 trillion billion USD, which requires further focus on the security of e-services and e-transactions according to the international standards of cyber security.

In 2013, North America predominates e-commerce from Business to Consumer with about 420 billion USD, followed by Asia and the Pacific region considered as an effective element with a deep impact on e-commerce, and where the increase of transactions is expected to reach 23% this year.

Both the Arab region and Africa have known a significant increase of their e-transactions. Indeed, e-commerce is expected to grow from 9 billion USD in 2012 to 15 billion USD in 2015.

Globally, e-commerce is estimated to grow by 1,03 billion e-consumers worldwide, 44% of them are in Asia & the Pacific.

In this respect, and considering the fast development of the cyber space, the need to resort to more secure mechanisms to check the identity through Internet such as the Public Key Infrastructure (PKI), has become necessary since it allows **identity authentication, confidentiality, access control, and security.**

Agenda :

08:30 - 09:00 : Registration

09:00 - 09:30 : Official opening

- HE/Mrs. khédija Ghariani Secretary-General - Arab ICT Organization
- HE/Mr. Abdulkarim Soumaïla Secretary-General - African Telecommunications Union
- HE/Mr. Said bin Hamdoon Al Harthy Undersecretary of the Ministry of Transport and Communications for Ports and Maritime Affairs - Sultanate of Oman
- HE/Dr. Allam Mousa Minister of Telecommunications and Information Technology - State of Palestine
- HE/Dr. Ahmed Ebeid Bin Dagher Minister of Telecommunications and Information Technology - Republic of Yemen

09:30 - 10:00: Keynote speech

« PKI : International benchmarking Overview : state of the art and prospects »

- Mr. Bilel Jamoussi

Special Advisor for the Minister of Higher Education, Scientific Research and Information and Communication Technologies - Republic of Tunisia

10:00 - 10:45:

Panel 1 : «PKI deployment in the Arab and African Region»

The Public Key Infrastructure [PKI] is one of the strongest authentication security mechanisms; it aims to meet the requirements of authentication, confidentiality, access control, non-repudiation and data integrity.

This panel will give an overview of the current status of “PKI deployment” and its related technologies both in the Arab and African regions.

It will present the outputs of the survey launched and conducted by “AICTO” about the e-certifications entities in the Arab region to give a clear vision about the state of the art and future needs of Arab countries in the field.

Panel moderator:

- Mr. khaled Sallami Director-General - Electronic Administration Unit - Prime Minister - Republic of Tunisia

Speakers:

- Mrs. Emily Khamula Lungu Deputy Director - ICT Development Malawi Communications Regulatory Authority - Republic of Malawi
- Mr. Yahya Salim Alazri National Digital Certification - Sultanate of Oman
- Mr. Ahmad Karam National Information Center - Republic of Sudan
- Mr. Abdullah Al-Qahtani Director, Business Development and Media Department, National Center for Digital Certification (NCDC) - Ministry of Communications and Information Technology (MCIT) - Saudi Arabia
- Mr. Ramzi Khelif Head Division Certification Authority - National Digital Certification Agency - Republic of Tunisia

10:45 - 11:30 : Panel 2 : « PKI : latest solutions & services »

PKI is emerging as a broad and diverse landscape, and advances in the field are happening quickly to meet the need of a secure and reliable online communication and transactions between entities.

During this panel talks will drill down into the most important developments and innovations regarding the PKI solutions & services.

The key points to be discussed:

- Latest developments and techniques of e-certification
- New international trends and recommendations related to :
 - E-Identity management
 - PKI & Mobile PKI
 - Cloud Computing & trust
 - Open Data security

Panel moderator:

- **Mr. Mousser Jerbi** Director of Marketing and Business - Ooredoo Tn - Republic of Tunisia

Speakers:

- **Mr. Alfonso Tornatore** Vice-President, Bit4ID, Italy
- **Mr. Jawad Abbassi** Founder and General Manager - Arab Advisors Group - kingdom of Jordan
- **Mr. Mohamed Zouhair** Tunisian Post - Republic of Tunisia

11:30 - 11:45 : Coffee break

11:45 - 12:30 :

Panel 3 :

« E-transactions security : Achievements and challenges »

E-transactions are at the basis of the digital economy worldwide, compatibility with agreed requirements is needed for their security and the setting up of an environment of trust enabling to securely exchange e-transactions.

This panel will discuss the following questions:

- What are the achievements in the field of e-transactions security?
 - In the Arab region
 - In the African region
- What are the technical challenges?
- What are the ways to overcome these challenges?

Panel moderator:

- **Mr. Moez Chakchouk** CEO - Tunisian Internet Agency - Republic of Tunisia

Speakers:

- **Mr. Ibrahim Mostafa** Software Development and Consultation Services Department Manager
Egyptian PKI Root Certificate Authority - ITIDA - Republic of Egypt
- **Mr. Mohamed Hamdi** El Ghazela Technopark - Republic of Tunisia

- Mr. Al Walid Bachir Ahmad Ali NILE CENTER Technology Research - Republic of Sudan
- Ms. Imane ALIFDAL Engineer in information systems security - Ministry of Industry, Trade and New Technologies - kingdom of Morocco

12:30 - 13:15 :

Panel 4 :

« PKI : Legal and regulatory framework in Arab and African countries »

The development of Internet and its services has created interesting possibilities for service providers and users alike. This development must be coupled with the setting up of flexible regulatory and legal frameworks in order to ensure the safety of the new forms of transactions and payments.

This panel will debate in particular regulatory and legal frameworks in the PKI field, and will discuss the legal aspects and issues on e-transactions, e-commerce, e-signature in the Arab and African countries. **The main questions to be answered are:**

- What are the legal approaches to combat the growth of fraud in e-transactions?
 - At the Arab level
 - At the African level
- Is there any legal coordination in matter of e-signatures and authentication, between Arab and African countries?

Panel moderator:

- Mr. Mohamed Hammouda Professor - Director of the Doctoral School - Faculty of Law and Political Sciences of Tunis - Republic of Tunisia

Speakers:

- Mr. Luca G. Castellani Legal Officer - UNCITRAL Secretariat (Remote)
- Mr. Shamseddine Bornat Assistant Professor - High School of Digital Economy, University of Manouba - Republic of Tunisia
- Mr. Olivier Delos Expert, SEALED - Belgium

13:15 - 13:45 :

Round table : « Launching the Arab-African PKI forum : Towards an effective Arab-African cooperation »

This round table will be the opportunity to launch the “Arab-African PKI forum”. It will discuss ways of improving Arab-African coordination and cooperation for the assessment of e-transactions security and the PKI development.

Besides, it will debate the opportunities and challenges for the establishment of the “Arab-African PKI Forum”.

Moderator:

- Mr. Farouk Kamoun Professor Emeritus ENSI, President SESAME University -Republic of Tunisia

13:45 - 14:00 : Closing and recommendations