



**Telecommunication Standardization
Bureau (TSB)**

**Telecommunication Development
Bureau (BDT)**

Geneva, 20 May 2016

Ref: **TSB Circular 219**

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Ref: **BDT/IEE/CYB/Circular/05**

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- To the Administrations of Member States of the Union;
- To the ITU-T and ITU-D Sector Members;
- To the ITU-T Associates;
- To the ITU Academia

Copy:

- To the Head of ITU Area Office, Dakar, Senegal
- To the Chairmen and Vice-Chairmen of ITU-T and ITU-D Study Groups;
- To the Director of the Radiocommunication Bureau;
- To the Director, ITU African Regional Office, Addis Ababa, Ethiopia;
- To the Director, ITU Arab Regional Office, Cairo;
- To the Heads of ITU Area Offices in Yaoundé and Harare;
- To the Permanent Mission of Sudan in Geneva

**Subject: Joint ITU-ATU Workshop on Cybersecurity Strategy in African Countries
Khartoum, Republic of Sudan, 24 – 26 July 2016**

Dear Sir/Madam,

We are pleased to inform you that a three-day workshop on "**Cybersecurity Strategy in African Countries**" will take place at the National Telecommunication Corporation (NTC) headquarters in Khartoum, Republic of Sudan from 24 to 26 July 2016. Training sessions on information sharing and on national strategy will take place during the workshop on 26 July 2016.

The workshop will be followed by the second [ITU-T Study Group 17 Regional Group for Africa](#) (SG17RG-AFR) meeting for ITU-T members from the African region from 27 to 28 July 2016 at the same venue. Both events are kindly hosted by the National Telecommunication Corporation (NTC) of the Republic of Sudan.

The workshop will open at 09h00 on the first day. Registration will begin at 08h00. Detailed information concerning the meeting room will be displayed at the entrance of the venue. Discussions will be held in English and French with interpretation.

Participation is open to ITU Member States, Sector Members, Associates, ITU Academic Institutions and to any individual from a country which is a member of the International Telecommunication Union (ITU) and who wishes to contribute to the work. This includes individuals who are also members of international, regional and national organizations. Participation in the workshop is free of charge.

The main objective of the workshop is to build capacity and to share experiences and best practices in countries and to provide information regarding the status of implementation of existing cyber security strategies, to identify any gaps and to yield a way forward. It will bring together leading specialists in the field, from developing countries, ITU Member States, regulatory agencies, policy makers, private sector (service providers, telecommunication operators, manufacturers and solution providers), academia, standardization organizations, forums and consortia.

A draft workshop program is set out in **Annex 2**. It is also made available on the ITU event [website](http://www.itu.int/en/ITU-T/Workshops-and-Seminars/cybersecurity/Pages/default.aspx) (<http://www.itu.int/en/ITU-T/Workshops-and-Seminars/cybersecurity/Pages/default.aspx>). This website will be updated as new or modified information becomes available.

For your convenience, a hotel reservation and list of recommended hotels are enclosed as **Annex 3**. Detailed information on logistical and practical information can be found in **Annex 4**.

Fellowships: We are pleased to inform you that two partial fellowships per administration will be awarded, subject to available funding, to facilitate participation from Least Developed or Low Income Developing Countries (<http://itu.int/en/ITU-T/info/Pages/resources.aspx>). An application for a fellowship must be authorized by the relevant Administration of the ITU Member State. Fellowship requests (please use enclosed **Form 1 in Annex 1**) must be returned to ITU not later than **12 June 2016**. Please note that the decision criteria to grant a fellowship include: the available budget, contributions by the applicant to the meeting, equitable distribution among countries and regions, and gender balance. Furthermore, preference will be given to fellowship applicants who will participate in both the workshop and the Regional Group meeting.

To enable us to make the necessary arrangements concerning the organization of the workshop, we would be grateful if you would register via the online form [here](http://www.itu.int/online/regsys/ITU-T/misc/edrs.registration.form?_eventid=3000876) (http://www.itu.int/online/regsys/ITU-T/misc/edrs.registration.form?_eventid=3000876) as soon as possible, **but not later than 18 July 2016**. Please note that **pre-registration of participants to the workshop will be carried out exclusively online**.

Visa: We would remind you that citizens of some countries are required to obtain a visa in order to enter and spend any time in the Republic of Sudan. The visa must be requested and obtained from the Embassy of the Republic of Sudan in your country. If there is no Embassy or Consulate of Sudan in your country, please send, at **least three weeks before** the event, a clear scanned copy of your passport to the Workshop Coordinator, **Ms Areeg Mohamed**.

In addition to a valid passport, the following documents are required to enter Sudan: a round-trip airline ticket, a hotel booking and confirmation of registration for the event. If an invitation letter from the host country is needed, please address all requests directly to the Workshop Coordinator, **Ms Areeg Mohamed**, by e-mail: aryg@ntc.gov.sd. Participants are strongly advised to seek information on requirements applicable in their case from the Sudanese Embassy/ Consulate in their home countries at least 15 days prior to the trip.

Yours faithfully,

[Original signed]

Chaesub Lee
Director, Telecommunication
Standardization Bureau (TSB)

Annexes: 4

[Original signed]

Brahima Sanou
Director, Telecommunication
Development Bureau (BDT)

ANNEX 1
(to TSB Circular 219 / BDT/IEE/CYB/Circular/05)

FORM 1 - FELLOWSHIP REQUEST

 <div style="display: inline-block; text-align: center; vertical-align: middle;"> <p>Joint ITU-ATU Workshop on Cybersecurity Strategy in African Countries (Khartoum, Republic of Sudan, 24 – 26 July 2016)</p> </div> 
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Please return to: ITU
Geneva (Switzerland)

E-mail: bdtfellowships@itu.int
Tel: +41 22 730 5227
Fax: +41 22 730 5778

Request for one partial fellowship to be submitted before 12 June 2016

Participation of women is encouraged

Registration Confirmation ID No:

(Note: It is imperative for fellowship holders to pre-register via the online registration form at: <http://www.itu.int/en/ITU-T/Workshops-and-Seminars/cybersecurity/Pages/default.aspx>)

Country: _____

Name of the Administration or Organization: _____

Mr / Ms _____ (family name) _____ (given name)

Title: _____

Address: _____

Tel.: _____ Fax: _____ E-mail: _____

PASSPORT INFORMATION:

Date of birth: _____

Nationality: _____ Passport number: _____

Date of issue: _____ In (place): _____ Valid until (date): _____

Please select your preference
(which ITU will do its best to accommodate)

Economy class air ticket (duty station / Khartoum / duty station)

Daily subsistence allowance intended to cover accommodation, meals & misc. expenses

Signature of fellowship candidate:	Date:
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TO VALIDATE FELLOWSHIP REQUEST, NAME, TITLE AND SIGNATURE OF CERTIFYING OFFICIAL DESIGNATING PARTICIPANT MUST BE COMPLETED BELOW WITH OFFICIAL STAMP.

N.B. IT IS IMPERATIVE THAT FELLOWS BE PRESENT FROM THE FIRST DAY TO THE END OF THE MEETING.

Signature:	Date:
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ANNEX 2
(to TSB Circular 219 / BDT/IEE/CYB/Circular/05)
ITU-ATU Workshop on Cybersecurity Strategy in African Countries
Khartoum, Sudan (Republic of the),
24 – 26 July 2016

Draft workshop Agenda

Day 1: 24 July 2016	
Time	Sessions
08:00 – 09:00	Registration
09:00 – 10:00	<p>Welcome and Opening Remarks</p> <p>Chairman: TBD</p> <p>The objective of the workshop is to build capacity and to share experiences and best practices in countries and to provide information regarding the status of implementations of existing cyber security strategies, to identify any gaps, and to yield a way forward.</p> <p>Keynote speakers:</p> <ul style="list-style-type: none">• Host Country• ATU• TSB Director• BDT RO Director• SG17-RG-AFR chairman
10:00 – 11:00	<p>Session 1 – National Cybersecurity Strategies development (what is needed, and the way toward elaboration)</p> <p>Moderator: TBD</p> <p>The objective of session 1 is to discuss the best way to initiate the work toward the development of a National Cybersecurity Strategy. What are the initial requirements, who should be involved?</p> <p>A further objective of this session is to understand the development process toward a solid National Cybersecurity Strategy, what are the main components or propriety areas.</p> <ul style="list-style-type: none">• Presentation 1 (15min): ITU - NCS toolkit• Presentation 2 (15min): NCS Toolkit Partner• Presentation 3 (15min): Experience from a country (Uganda or Rwanda or Kenya or Sudan) <p>Discussion</p>
11:00 – 11:15	Coffee/Tea Break

Day 1: 24 July 2016	
Time	Sessions
11:15 – 12:45	<p>Session 1 – continued</p> <ul style="list-style-type: none"> • Presentation 4 (20 min): Experience from a country (Uganda or Rwanda or Kenya or Sudan) • Presentation 5 (20 min): ENISA (remote) or another NCS toolkit partner • Presentation 6 (20 min): Intellium (NCS toolkit partner) (tbc) <p>Discussion</p>
12:45 – 14:00	Lunch Break
14:00 – 15:30	<p>Session 2 – Implementation of the National Cybersecurity Strategy (NCS)</p> <p>Moderator: TBD</p> <p>The objective of session 2 is to understand pros and cons in having a national strategy implemented and at what cost. What are the financial implications, the lessons learnt?</p> <ul style="list-style-type: none"> • Presentation 1 (15 min): Experience from a country (Uganda or Rwanda or Kenya or Sudan) • Presentation 2 (15 min): RAND Europe or a research institution • Presentation 3 (15 min): A private sector company • Presentation 4 (15 min): Commonwealth Technology Organization (TBC). <p>Discussion</p>
15:30 – 15:45	Coffee/Tea Break
15:45 – 17:00	<p>Session 3 – Integration of a National Cybersecurity Strategy (NCS) in the overall national ICT strategy</p> <p>Moderator: TBD</p> <p>The objective of session 3 is to analyse how the National Cybersecurity Strategy is an integral part of a national and regional framework, the interdependencies and the constraints with the other ICT cybersecurity related plans.</p> <ul style="list-style-type: none"> • Presentation 1 (15 min): Experience from a country (Senegal) • Presentation 2 (15 min): ATU • Presentation 3 (20 min): World Bank (or another International organization) • Presentation 4 (20 min): Cloud computing and legal issues from the ITU Arab Office <p>Discussion</p>

Day 2: 25 July 2016	
Time	Sessions
09:00 – 10:30	<p>Session 4 – Critical Infrastructure Protection (CIP) as example of a multi-stakeholder approach</p> <p>Moderator: TBD</p> <p>CIP is playing a bigger role than in the past on the management of critical services that most of the time are managed by the private sector. CIP must be an integral part of the National Cybersecurity Strategy and as such the engagement of the private sector and the other critical sectors in the country.</p> <ul style="list-style-type: none"> • Presentation 1 (20 min): Experience from a country (South Africa tbc) • Presentation 2 (20 min): Private Sector (Sudan or ATU to identify) • Presentation 3 (20 min): Regional Bank <p>Discussion</p>
10:30 – 10:45	Coffee/Tea Break
11:00 – 12:15	<p>Session 5 – National versus regional versus international.</p> <p>Moderator: TBD</p> <p>A roundtable panel will be organized to understand what the impact is of a national strategy in the regional and international context. Is there a need to also develop an international strategy for a country?</p> <ul style="list-style-type: none"> • Presentation 1 (10 min): Symantec or Trend Micro or Kaspersky • Presentation 2 (10 min): ITU-T SG17 • Presentation 3 (10 min): L’Organisation internationale de la Francophonie (OIF) • Presentation 4 (10 min): Speaker from Arab Region • Presentation 5 (10 min): COMESA <p>Discussion</p>
12:15 – 12:45	Closing panel on the NCS component
12:45 – 14:00	Lunch Break

Day 2: 25 July 2016	
Time	Sessions
14:00 – 15:30	<p>Session 6 – CIRT: Requirements and implementation</p> <p>Moderator: TBD</p> <p>The objective of session 6 is to understand what the typical requirements are for building a Computer Incident Response Team (CIRT). Which cybersecurity strategies are necessary for setting-up a CIRT? How can a CIRT be implemented in a country?</p> <ul style="list-style-type: none"> • Presentation 1 (15 min): CIRT programme (BDT) • Presentation 2 (15 min): Silensec (TBC) • Presentation 3 (15 min): Country (Kenya) • Presentation 4 (15 min): FIRST (TBC) <p>Discussion</p>
15:30 – 15:45	Coffee/Tea Break
15:45 – 16:45	<p>Session 7 – CIRT: Experiences and best practices</p> <p>Moderator: TBD</p> <p>The objective of session 7 is to learn from experiences made in establishing and operating a Computer Incident Response Team (CIRT). Are there best practices which can be shared? How can CIRTs cooperate across country borders?</p> <ul style="list-style-type: none"> • Presentation 1 (15 min): AfricaCERT (TBC) • Presentation 2 (15 min): OIC CERT (TBC) • Presentation 3 (15 min): Country (Tunisia, Egypt) <p>Discussion</p>
16:45 – 17:00	Workshop Closing Remarks by host and organizers

Day 3: 26 July 2016	
Time	Sessions
09:00 – 10:45	Training on [Information sharing] or [information security risk management] SILENSEC or Intellium
10:45 – 11:00	Coffee/Tea Break
11:00 – 13:00	Training on [Information sharing] or [information security risk management] SILENSEC or Intellium
13:00 – 14:30	Lunch Break
14:30 – 16:00	Training on National Strategy GCSP or Intellium
16:00 – 16:15	Coffee/Tea Break
16:15 – 18:00	Training on National Strategy GCSP or Intellium

ANNEX 3
(to TSB Circular 219 / BDT/IEE/CYB/Circular/05)

Hotel reservation and list of recommended hotels

Participants are kindly advised to reserve their hotel accommodations directly via telephone, fax or E-mail. Below are preferences hotels ranging from 5 to 4 stars.

All hotels in the table below are located in around the NTC Tower area.

If you have any difficulties in reserving hotel please contact the coordinator from the host country, Ms Areeg Mohamed.

Host Country Coordinator

Ms Areeg Mohamed
International Relations (NTC)

Phone: +249 187 17 1326

Mobile: +249 9 12973291

E-mail: aryg@ntc.gov.sd

International Relations (NTC)

ITU-T Coordinator

Mr Martin Euchner

Phone: +41 22 730 5866

Mobile: +41 79 592 4688

E-mail: Martin.Euchner@itu.int

TSB Advisor

Working Hours

From 8:00 AM to 16:00 PM

List of recommended hotels

Alsalam Rotana Hotel

* * * * *

Single room \$ 150 (with breakfast) + (5% resident fees and 5% Service charge. All are subject to 17% VAT)

Double room \$ 180 (with breakfast) + (5% resident fees and 5% Service charge. All are subject to 17% VAT)

Tel : + 249 187 007777

Fax : + 249 187 007788

www.rotana.com

E-mail: sales.alsalam@rotana.com

Holiday Villa Hotel

* * * *

Single room \$ 80 (with breakfast)

Double room \$ 110 (with breakfast)

Tel : + 249 183 774039

Fax : + 249 183 773961

www.holidayvillakhartoum.com E-mail: reservation@holidayvillakhartoum.com

Kanon Hotel 15TH Street

* * * *

Single room \$ 100 (with breakfast) + (5% resident fees+ 17% VAT)

Double room \$ 130 (with breakfast) + (5% resident fees+ 17%VAT)

Tel : + 249 183 595959

Fax : + 249 183 595555

www.kanonhotel.com E-mail: sales@kanonhotel.com

Paradise Hotel

* * * *

Single room \$ 130 (with breakfast)

Tel : + 249 183 464611

Fax : + 249 183 779087

<http://www.paradisehotels-sd.com> E-mail: info@Paradisehotel-sd.com

Kanon Hotel 37TH Street

* * *

Single room \$ 75 (with breakfast) + (5% resident fees+ 17% VAT)

Double room \$ 130 (with breakfast) + (5% resident fees+ 17% VAT)

Tel: +249 183 58 88 88

Fax: +249 183 58 55 55

www.kanonhotel.com E-mail: sales@kanonhotel.com

Abbasher Hotel

* * *

Single room \$ 80 (with breakfast)

Double room \$ 90 (with breakfast)

Tel: +249 187 199 000

www.abbasherpalacehotel.com E-mail: abbasherhotel@hotmail.com

ANNEX 4
(To TSB Circular 219 / BDT/IEE/CYB/Circular/05)

Logistical and practical information

VENUE

National Telecommunication Corporation (NTC) Headquarters
NTC Tower - Buri Block 9
Po Box: 2869 - Code: 11111
Khartoum – Sudan
Phone: +249 187 17 1140
E-mail: itiscalat@ntc.gov.sd

TRANSPORTATION

Transfers to and from Khartoum Airport and official hotels will be provided to participants who have provided their flight details through the identified channels. They will be met on arrival by an authorized representative in the arrival hall of the Khartoum International Airport.

NTC will provide transportation between the recommended hotels and the venue of the workshop.



CURRENCY

The official currency is the **Sudanese Pound (SDG)**.

Banks are opened from Sunday until Thursday, from 08:30 to 14:30.

Visa, American Express, Access/MasterCard, Diners Club cards and travellers checks **cannot be used**.

The current exchange rates in Sudan as of January 2016 are as follows:

 Dollar	6.09 SDG
 Euro	6.87 SDG

CLIMATE

Summer starts in April and lasts up to July, and the weather is average hot to moderate, with occasional rain in July. Approximate temperatures will vary between 35-27 degrees Celsius.

SECURITY

Khartoum is a venue for major conferences and presents a low risk to business travellers. However, as with travel to any major city, it is important to take responsibility for your personal safety and exercise common sense security precautions at all times.

Delegates should observe common sense security precautions and not venture outside the main business and tourist areas unless accompanied by a trusted local guide.

For any security incident, visitors should contact the police on 999.

PROHIBITIONS

- Alcohol is not allowed.

ELECTRICITY

AC power voltage in Sudan is 230 V, 50Hz frequency. Most electrical outlets are British standard mostly two outlets.



SERVICES AVAILABLE FOR PARTICIPANTS DURING THE WORKSHOP

Communication Center:

Internet Access free of charge will be available at the event meeting rooms.

Medical Assistance:

Emergency and urgent medical assistance will be provided free of charge within the premises where the workshop will take place. Nevertheless, participants are advised to have international travel insurance to cover any medical expenses in case of medical treatment.

GENERAL INFORMATION

General Information about the Sudan:

Government	Federal dominant party presidential republic
Area	1,886,068 km ²
Population	39,105,664
Capital	Khartoum
Official Language	Arabic
Country Code	+249 / .sd
Time Zone	GMT+3
