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| **Telecommunication StandardizationBureau** |  |
|  |  |

 Geneva, 8 June 2012

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| Ref: | **TSB Collective letter 8/17** |  |
| Tel:Fax:E-mail: | +41 22 730 5866+41 22 730 5853tsbsg17@itu.int | To:* Administrations of Member States of the Union,
* ITU-T Sector Members,
* ITU-T Associates participating in the work of Study Group 17 and
* ITU-T Academia
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| --- | --- |
| Subject: | **Meeting of Study Group 17;Geneva, 29 August – 7 September 2012** |

Dear Sir/Madam,

It is my pleasure to invite you to attend Study Group 17 (Security) which is to meet at ITU headquarters, Geneva, from 29 August to 7 September 2012 inclusive.

I should like to inform you that the meeting will open at 0930 hours on the first day. Participant registration will begin at 0830 hours at the Montbrillant entrance. Detailed information concerning the meeting rooms will be displayed on screens at the entrances to ITU headquarters. Additional information about the meeting is set forth in **Annex A**.

During the second week of the ITU-T SG 17 meeting, a co-located Global Standards Initiative meeting on Internet-of-Things (IoT-GSI) will take place in Geneva from 3 to 7 September 2012. Question 6/17 will partially participate in that IoT-GSI meeting with its IoT security work items of draft Recommendations ITU-T X.usnsec-3 and X.unsec-1.

The draft **Agenda** of the meeting, as prepared by the Chairman of Study Group 17, is set out in **Annex B**. The draft **Timetable**, as prepared by the Chairman and the Rapporteurs of Study Group 17, is set out in **Annex C.** The draft **work programme for working parties and Questions**, as prepared by the working party chairmen and Rapporteurs, is set out in **Annex D**.

I wish you a productive and enjoyable meeting.

Yours faithfully,

Malcolm Johnson
Director of the Telecommunication
Standardization Bureau

Annexes: 4

**ANNEX A**

**MAKING CONTRIBUTIONS**

**DEADLINES FOR CONTRIBUTIONS:** TSAG, at its February 2011 meeting, agreed that the trial of a deadline of 12 (twelve) calendar days for submitting contributions to ITU-T meetings would continue. Such contributions will be published on the Study Group 17 website and must therefore be received by TSB **not later than 16 August 2012 (23:59 CEST)**. Contributions received at least **two** months (i.e. **29 June 2012**) before the start of the meeting may be translated, if requested.

**DIRECT POSTING/DOCUMENT SUBMISSION:** A direct posting system for contributions is now available on-line. The direct posting system allows ITU-T members to reserve contribution numbers and to upload/revise contributions directly to the ITU-T web server. The direct posting system complements the traditional email submission facilities, which you may continue to use at the following address: tsbsg17@itu.int. Further information and guidelines for the new direct posting system are available at the following address: <http://itu.int/net/ITU-T/ddp/>.

**TEMPLATES:** Please use the provided set of templates to prepare your contribution. The templates are accessible from each ITU-T study group web page, under “Delegate resources” (<http://itu.int/ITU-T/studygroups/templates>). The name, fax and telephone numbers and e-mail address of the person to be contacted about the contribution should be indicated on the cover page of all documents.

**WORK METHODS AND FACILITIES**

**INTERPRETATION** will be available upon request for the opening and closing plenary of the meeting. For sessions that are scheduled to be held with interpretation, please note that interpretation only will be provided if a Member State so requests by checking the corresponding box on the registration form, or by sending a written request to TSB, **at least one month before the first day of the meeting**. It is imperative that this deadline be respected in order for TSB to make the necessary arrangements for interpretation.

**PAPERLESS MEETINGS:** In agreement with its Chairman, Mr Arkadiy Kremer, Study Group 17 will take further steps towards working in a fully electronic environment. The meeting will therefore be run paperless.

**WIRELESS LAN** facilities are available for use by delegates in all ITU meeting rooms and in the CICG (Geneva International Conference Centre) building. Detailed information is available on the ITU-T website (<http://itu.int/ITU-T/edh/faqs-support.html>).

**E-LOCKERS** are available on the ground floor of the Montbrillant building. Your ITU RFID badge opens and closes the e-locker. Your e-locker is available only for the period of the meeting you are attending, so please ensure that you empty the locker before 23:59 on the last day of the meeting.

**LOAN LAPTOPS:** The ITU Service Desk (servicedesk@itu.int) has available a limited number of laptops on a first-come, first-serve basis, for those who do not have one.

**PRINTERS:** Printers are available in the cyber café on the second basement level of the Tower building, on the ground floor of the Montbrillant building and near the major meeting rooms, for delegates who wish to print documents.

**E-PRINTING:** In addition to the "traditional" print method using printer queues that need to be installed on the user's computer or device, printing documents via e-mail ("e-print") is now possible. The procedure is simply to attach the documents to be printed to an email, that is sent to the desired printer email address (in the form printername@eprint.itu.int). No driver installation is required. For more details, please see <http://itu.int/ITU-T/go/e-print>.

**REGISTRATION, NEW DELEGATES and FELLOWSHIPS**

**REGISTRATION** To enable TSB to make the necessary arrangements, please send by letter, fax (+41 22 730 5853) or e-mail (tsbreg@itu.int) **not later than 29 July 2012**, the list of people who will be representing your Administration, Sector Member, Associate, Academic Institution, regional and/or international organization or other entity. Administrations are requested also to indicate the name of their head of delegation (and deputy head, if applicable).

**Please note that pre-registration of participants to ITU-T meetings is carried out *online* at the ITU-T website (**[**http://itu.int/ITU-T/studygroups/com17**](http://itu.int/ITU-T/studygroups/com17)**).**

**NEW DELEGATES** are invited to attend a **MENTORING PROGRAMME**, including a welcome briefing upon registration, guided visit of ITU headquarters and orientation session on ITU-T. Please check the corresponding box on the registration form if you would like to participate.

**FELLOWSHIPS:** We are pleased to inform you that one full or 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)**, must be returned to ITU n**ot later than 29 July 2012** (Please note that at WTSA-08, the Heads of Delegation committed that their candidate chairmen and vice-chairmen would be provided with the necessary resources to fulfill the duties of their office for the full four year term and that it was therefore recognized that the chairmen and vice-chairmen will not receive financial assistance from ITU.)

**KEY DEADLINES (before meeting)**

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| Two months | 29 June 2012 | - submit contributions for which translation is requested |
| One month | 29 July 2012 | - fellowship requests- requests for interpretation at opening and/or closing plenary- requests for visas |
| 12 Calendar days | 16 August 2012 | - final deadline for contributions |

**VISITING GENEVA: HOTELS AND VISAS**

**HOTELS:** For your convenience, a hotel reservation form is enclosed (Form 2). A list of hotels can be found at <http://itu.int/travel/>

**VISAS:** Please remember that citizens of some countries are required to obtain a visa in order to enter and spend time in Switzerland. **The visa must be requested at least four (4) weeks before the date of beginning of the meeting** and obtained from the office (embassy or consulate) representing Switzerland in your country or, if there is no such office in your country, from the one that is closest to the country of departure. If problems are encountered, the Union can, at the official request of the administration or entity you represent, approach the competent Swiss authorities in order to facilitate delivery of the visa but only within the period mentioned of **four** weeks. Any such request must specify the name and functions, date of birth, number, dates of issue and expiry of passport of the individual(s) for whom the visa(s) is/are requested and be accompanied by a copy of the notification of confirmation of registration approved for the ITU-T meeting in question, and must be sent to TSB by fax (+41 22 730 5853) or e-mail (tsbreg@itu.int) bearing the words **“visa request”**.

**FORM 1 - FELLOWSHIP REQUEST**

(to TSB Collective letter 8/17)

|  |  |  |
| --- | --- | --- |
|  | **ITU-T Study Group 17 meeting****Geneva, Switzerland, 29 August – 7 September 2012** |  |
| **Please return to:** | **ITU****Geneva (Switzerland)** | **E-mail :** **bdtfellowships@itu.int** **Tel: +41 22 730 5487** **Fax: +41 22 730 5778** |
| **Request for one full fellowship or two partial fellowships to be submitted before 29 July 2012** |
|  | Participation of women is encouraged |  |
| Registration Confirmation I.D. No: ……………………………………………………………………………(Note: It is imperative for fellowship holders to pre-register via the on-line registration form at: <http://itu.int/ITU-T/studygroups/com17>)**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**  |
| 1. **□** One full fellowship     or **□** two partial fellowships (per eligible country).
 |
| 1. In case of two partial fellowships, chose one of the following:
 |
|  **□ Economy class air ticket (duty station / Geneva / duty station).** **□ Daily subsistence allowance intended to cover accommodation, meals & misc. expenses.** |
|  |
| **Signature of fellowship candidate:** | **Date:** |
| **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** |

**FORM 2 - HOTELS**

(to TSB Collective letter 8/17)

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| *This confirmation form* ***should be sent direct*** *to the hotel**of your choice* |

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|  | **INTERNATIONAL TELECOMMUNICATION UNION** |  |

**TELECOMMUNICATION STANDARDIZATION SECTOR**

*SG 17 meeting from 29 August to 7 September 2012 in Geneva*

*Confirmation of the reservation made on (date) ------------------------- with (hotel) --------------------------*

***at the ITU preferential tariff***

*------------ single/double room(s)*

*arriving on (date) --------------------------- at (time) ------------- departing on (date) --------------------------*

***GENEVA TRANSPORT CARD :*** *Hotels and residences in the canton of Geneva now provide a free "Geneva Transport Card" valid for the duration of the stay. This card will give you free access to Geneva public transport, including buses, trams, boats and trains as far as Versoix and the airport.*

*Family name* ------------------------------------------------------------------------------------------------------------

*First name*  ------------------------------------------------------------------------------------------------------------

*Address*  --------------------------------------------------------------------- *Tel: ----------------------------*

*-------------------------------------------------------------------------------------- Fax: ----------------------------*

*-------------------------------------------------------------------------------------- E-mail:* ---------------------------

*Credit card to guarantee this reservation*: AX/VISA/DINERS/EC (*or* *other) ----------------------------*

*No.* ------------------------------------------------------- *valid until* --------------------------------------------

*Date* ---------------------------------------------------- *Signature*  ----------------------------------------------

**ANNEX B**

Draft agenda for the plenary

1. Opening of the meeting and welcome
2. Results from the last meeting of Study Group 17
	1. Report of the 20 February – 2 March 2012 Study Group 17 meeting
	2. Result of Recommendations consented under AAP
	3. Result of the Member States consultation for Recommendations under TAP
	4. Reports of the interim Rapporteur group meetings
	5. Reports from the Correspondence Groups on:
		1. *Providing confidence and security in the use of telecommunication/ICT within industrial systems*
		2. *Coordination of the* *cybersecurity information exchange framework*
		3. *SAML (Security Assertion Markup Language) activities*
		4. *XACML (eXtensible Access Control Markup Language) activities*
		5. *Discovery of Identity Management Information*
		6. *Recommendation ITU-T X.eaa*
		7. *Mobile IdM framework*
		8. *Open Identity Trust Framework*
	6. Report on the status of JCA-COP
	7. Report from the Security Coordination Team
	8. SG 17 participation in workshops and seminars
3. Coordination, collaboration and cooperation
	1. Highlights from TSAG meeting (02-04 July 2012) concerning Study Group 17
	2. Focus groups (FGs), joint coordination activities (JCAs) and Global standards initiatives (GSIs)
	3. Relations with other lead study groups
	4. Strategic Advisory Group on Security (SAG-S) (IEC, ISO, ITU-T)
	5. Memorandum of Understanding on e-business (IEC, ISO, ITU-T, UN/ECE)
	6. Collaboration with ISO/IEC JTC 1 including new areas for collaboration
	7. Collaboration with IETF
	8. Collaboration with ETSI (TTCN and security)
	9. Collaboration with the SDL Forum Society
	10. Collaboration with the Kantara Initiative
	11. Collaboration with OASIS
	12. Collaboration with FIRST
	13. Collaboration with Cloud Security Alliance
	14. Interaction with other industry consortia and fora
	15. Reports on other liaison and collaboration activities
4. General matters
	1. SG 17 organization for this meeting
	2. Newcomers’ orientation sessions
	3. Appointments (to fill associate Rapporteur and other open positions)
	4. SG 17 lead study group activities
	5. SG 17 activities in support of WTSA-08 Resolutions, PP-10 Resolutions and WTDC-10 Resolutions
	6. Status of the ITU-T SG 17 ASN.1 and OID Project
	7. Tutorials for this meeting
	8. Future SG 17 organized outreach events (workshops, summits, seminars)
5. Program for this meeting (working party meetings and meeting on Questions)
	1. Meeting reports including action plans
	2. Recommendations and other texts for approval at this Study Group 17 meeting
	3. Recommendations for consent or determination at this Study Group 17 meeting
	4. Recommendations planned for consent or determination at the next Study Group 17 meeting (April 2013)
	5. Recommendations planned for consent or determination in 2014 and beyond
	6. Review of SG 17 manuals, roadmaps and wikis
	7. Liaison statements
	8. Summaries of Recommendations
	9. New work items and work items to be removed from the work programme
	10. Appointment of interregnum Rapporteurs
	11. Planned interregnum Rapporteur group meetings, correspondence groups and other activities
	12. Highlights of achievements
6. Working arrangements for this meeting
	1. Update on tools available for the conduct of the work
	2. Mailing lists, including e-mail addresses
	3. List of meeting documents and allocation of documents to Questions
	4. Meeting schedule and room allocation
7. Future meetings of Study Group 17
8. Information from vice-chairmen and working party chairmen
9. Any other business
10. Closing

**ANNEX C**

Draft Timetable

Provisional work plan for ITU-T Study Group 17 meeting, Geneva, 29 August-7 September 2012 1 (11 May 2012)

| **1st week** | **TUE 28 August** | **WED 29 August** | **THU 30 August** | **FRI 31 August** | **SAT 1 September** | **SUN 2 September** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | **AM** |  | **PM** | **AM** |  | **PM** | **AM** |  | **PM** | **AM** |  | **PM** | **AM** |  | **PM** |
| Quarter |  | **1** | **2** |  | **3** | **4** | **5** | **1** | **2** |  | **3** | **4** | **5** | **1** | **2** |  | **3** | **4** | **5** | **1** | **2** |  | **3** | **4** | **5** | **1** | **2** |  | **3** | **4** | **5** |
| PLEN |  | **X 📹** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP 1/17 |  |  | **X4** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q1/17 |  |  |  |  | **X** |  |  | **X** |  |  | **X** |  |  |  | **X** |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q2/17 |  |  |  |  |  |  |  |  | **X** |  | **X** | **X** |  | **X** |  |  |  | **X19** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q3/17 |  |  |  |  |  |  |  | **X** | **X** |  | **X** | **X23** |  | **X** | **X24** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q4/17 |  |  |  |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q5/17 |  |  |  |  |  |  |  |  |  |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP 2/17 |  |  | **X4** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q6/17 |  |  |  |  |  |  |  | **X** | **X** |  | **X17** | **X17** |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q7/17 |  |  |  |  | **X** | **X** |  | **X16** | **X16** |  | **X17** | **X17** |  | **X18** | **X18** |  |  | **X19** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q8/17 |  |  |  |  |  |  |  | **X16** | **X16** |  | **X** | **X** |  | **X** | **X24** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q9/17 |  |  |  |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** | **X** | **X** | **X** |  | **X** | **X** | **X** | **X** | **X** |  | **X** | **X** | **X** |  |  |  |  |  |  |
| WP 3/17 |  |  | **X4** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q10/17 |  |  |  |  |  |  |  | **X** | **X** |  | **X** | **X23** |  | **X18** | **X18** |  |  | **X19** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q11/17 |  |  |  |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q12/17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q13/17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q14/17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q155/17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JCA |  |  |  |  |  |  |  |  |  |  |  |  | **X15 COP**🕿 |  |  |  | **X5 IDM**🕿 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tutorial |  |  |  | **XT1** |  |  |  |  |  | **XT2** |  |  |  |  |  | **XT3** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other | **X** MGT9 | **X11** |  |  |  |  | **X**3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** MGT9 |  |
| #|| Sess | **1** | **1** | **1** | **1** | **6** | **5** | **1** | **8** | **8** | **1** | **10** | **8** | **1** | **8** | **7** | **1** | **7** | **7** |  | **1** | **1** |  | **1** | **1** | **1** |  |  |  |  | **1** |  |

| **2nd week** | **MON 3 September** | **TUE 4 September** | **WED 5 September** | **THU 6 September** | **FRI 7 September** |
| --- | --- | --- | --- | --- | --- |
|  | **AM** |  | **PM** | **AM** |  | **PM** | **AM** |  | **PM** | **AM** |  | **PM** | **AM** |  | **PM** |
| Quarter | **1** | **2** |  | **3** | **4** | **5** | **1** | **2** |  | **3** | **4** | **5** | **1** | **2** |  | **3** | **4** | **5** | **1** | **2** |  | **3** | **4** | **5** | **1** | **2** |  | **3** | **4** | **5** |
| PLEN |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X** **📹** | **X****📹** |  | **X****📹** | **X****📹** |  |
| WP 1/17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X4**🕿 | **X4**🕿 |  | **X4**🕿 | **X4**🕿 | **X4**🕿 |  |  |  |  |  |  |
| Q1/17 | **X7** |  |  |  | **X** |  |  | **X** |  |  |  |  |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q2/17 | **X7** |  |  | **X22** |  |  | **X** | **X** |  |  | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q3/17 | **X7** | **X** |  | **X22** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q4/17 | **X7** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q5/17 | **X7** |  |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP 2/17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X4**🕿 |  | **X4**🕿 | **X4**🕿 | **X4**🕿 |  |  |  |  |  |  |
| Q625/17 | **X7** | **X** |  | **X** | **X** |  | **X** | **X** |  |  |  |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q7/17 | **X7** |  |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q8/17 | **X7** |  |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q9/17 | **X7** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| WP 3/17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X4**🕿 | **X4**🕿 | **X4**🕿 |  |  |  |  |  |  |
| Q10/17 | **X7** |  |  | **X22** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q11/17 | **X7** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  | **X** | **X** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q12/17 | **X7** | **X** |  | **X** | **X** |  | **X12** | **X12** |  | **X12** | **X12** |  | **X12** | **X12** |  | **X12** | **X12** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q13/17 | **X7** | **X** |  | **X21**🕿 | **X21**🕿 |  | **X21**🕿 | **X21**🕿 |  | **X20** | **X20** |  | **X21**🕿 | **X21**🕿 |  | **X21**🕿 | **X21**🕿 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q14/17 | **X7** |  |  |  |  |  |  |  |  | **X6** | **X14** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Q1510/17 | **X7** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| JCA |  |  |  |  |  |  |  |  |  | **X6 CIT**🕿 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Tutorial |  |  |  |  |  |  |  |  | **XT4** |  |  |  |  |  | **XT5** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Other |  |  | **X8**🕿 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **X13** | **X13** |  |  |  |  |  |  |  |  |  |  |
| #|| Sess | **1** | **6** | **1** | **8** | **11** |  | **8** | **12** | **1** | **10** | **10** |  | **10** | **11** | **1** | **8** | **8** |  | **1** | **1** | **0** | **1** | **1** | **1** | **1** | **1** | **0** | **1** | **1** | **0** |

PLEN = Study group 17 plenary sessions; WP = Working party plenary sessions; Tn = Tutorial; Pop = room Popov; 🕿 Teleconference facilities provided for the session; **📹** webcast

X = room to be assigned

QUARTER 1: 09:30 – 10:45; QUARTER 2: 11:15 – 12:30; QUARTER 3: 14:30 – 15:45; QUARTER 4: 16:15 – 17:45; QUARTER 5: 1800 – 19:30

1) This table will be updated as necessary; find updated work plan under “Meeting information” on SG 17 web page

2) Tutorial sessions will be scheduled during the SG 17 meeting. Details will be provided on the SG 17 website

3) SG 17 welcome reception and social networking event (sponsored by ???), WED 29 August 2012, 18:00-20:00, ITU Montbrillant restaurant

4) Working party plenary sessions will be run in sequence (refer to COM 17 – R 13 for timing of closing working party plenary sessions)

5) JCA-IDM, FRI 31 August 2012, 14:30 – 16:30; GoToMeeting w. VoIP,
 Q10/17 participants usually attend this meeting

6) JCA-CIT, TUE 4 September 2012 14:30-16:30. GoToMeeting and Audio Bridge (dial-in and dial-out) are required
 Q14/17 participants usually attend this meeting

7) SG 17 internal coordination; MON 3 September 2012, 1st Quarter;

8) Security coordination with other Study Groups, MON 3 September 2012; 13:30 – 14:30

9) Open, extended SG 17 management meeting

TUE 28 August 2012, 16:00 - 18:00 hours

SUN 2 September 2012, 16:00 - 18:00 hours

10) Q15/17 will meet if necessary

11) Welcome of new SG 17 participants and tour of ITU premises; WED 29 August 2012, 8:45-9:30, Sabrina Camp/TSB;
 meeting place: reception desk/Montbrillant building.

12) Joint sessions of Q12/17 with ISO/IEC JTC 1/SC 6/WG 9

13) Q12/17 will not meet on THU 6 September 2012. ISO/IEC JTC 1/SC 6/WG 9 will meet THU 6 September 2012, 1st and 2nd quarter.

14) Q14/17 session starts after end of JCA-CIT session (16:30)

15) JCA-COP, THU 30 August 2012, 18:00 – 19:30; GoToMeeting w. PSTN audio-bridge dial-in

16) Joint session of Q7/17 and Q8/17 on “Web service security (X.websec-4)”, THU 30 August 2012, 1st and 2nd quarter

17) Joint session of Q6/17 and Q7/17 on “IPTV security”, THU 30 August 2012, 3rd and 4th quarter

18) Joint session of Q7/17 and Q10/17 on “X.sap-4, SAML2.0/Amd.1, XACML2.0/Amd.1 and XACML3.0”, FRI 31 August 2012, 1st and 2nd quarter

19) Joint session of Q2/17, Q7/17 and Q10/17 on “X.hsn”, FRI 31 August 2012, 4th quarter

20) Jointly with JCA-CIT and/or Q14/17

21) GoToMeeting w. PSTN audio-bridge dial-in requested

22) Joint session of Q2/17, Q3/17 and Q10/17 on X.ncns-1, MON, 3 September 2012, 3rd quarter.

23) Joint session of Q3/17 and Q10/17 on THU 30 August, 4th quarter.

24) Joint session of Q3/17 and Q8/17 on FRI 31 August, 2nd quarter.

25) IoT-GSI from 3 – 7 September 2012. IoT security work items under Q6/17: X.usnsec-3 and X.unsec-1.

T1) Tutorial: “SG 17 Orientation session for newcomers & Newcomer’s discussion with SG 17 management”, WED 29 August 2012, 12:30 – 13:30; Arkadiy Kremer,
 SG 17 Chairman, SG 17 Vice chairs

T2) Tutorial: “ ”, THU 30 August 2012, 13:30 – 14:30,

T3) Tutorial: “ ”, FRI 31 August 2012, 13:30 – 14:30,

T4) Tutorial: “ ”, TUE 4 September 2012, 13:30 – 14:30,

T5) Tutorial: “CERN Security, Operations and Grid Security”, WED 5 September 2012, 13:30 – 14:30, Stefan Lueders, CERN

**ANNEX D**

**Draft work programme for working parties and Questions**

**Working Party 1 - Network and information security**

* Review and approve results from interim activities
* Progress tasks related to implementation of WTSA-08 Resolutions, e.g., Res. 50, 52, 58
* Perform the lead study group (LSG) responsibilities for telecommunication security, including updating the LSG information on the SG 17 web page
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
1. **Question 1/17 - Telecommunications systems security project**
* Review results of activities since the March 2012 Study Group 17 meeting
* Coordinate lead study group responsibilities for telecommunication security
* Coordinate security subjects involving multiple SG 17 Questions
* Review results from the security coordination team on improving security coordination
* Consider efficient collaboration with other standardization entities
* Progress the definition of a strategy for security standardization (top-down approach)
* Review status of the security manual
* Review and update the ICT security standards roadmap
* Review and update the Security Compendia including maintaining the catalogue of ITU-T Recommendations dealing with security and the catalog of ITU-T approved security definitions
* Prepare material to promote ITU-T security work and attract additional participation (brochures, presentation slides, etc.)
* Review progress on the SG 17 initiative on business use of telecommunication/ICT security standards in coordination with Question 2/17
* Review and suggest improvements to the ITU Cybersecurity Gateway
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Consider needs for further action related to ISO/IEC/ITU-T Strategic Advisory Group on Security (SAG-S)
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SCs, 3GPP, 3GPP2, ATIS, CSA, ETSI, IEEE, IETF, OASIS, ENISA, ICTSB, NISSG, RAISE Forum and other SDOs or consortia groups
* Review and update the security project action plan
* Process liaisons from other study groups and SDOs as appropriate
* Perform the lead study group (LSG) responsibilities for telecommunication security, including updating the LSG web page
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities
* **Question 2/17 - Security architecture and framework**
* Carry out the responsibilities for Recommendations X.800, X.802, X.803, X.805, X.810, X.811, X.812, X.813, X.814, X.815, X.816, X.830, X.831, X.832, X.833, X.834, X.835, X.841, X.842, X.843, X.1031, X.1032, X.1034, X.1035, X.1036 and Supplements X.Suppl.2 and X.Suppl.3
* Review results of activities since the March 2012 SG 17 meeting
* Finalize work and achieve *consent* of draft new Recommendation:
* X.ipv6-secguide, *Technical guideline on deploying IPv6*
* Progress work on draft new Recommendations:
* X.1037 (X.rev), *Architecture systems for security controls for preventing fraudulent activities in public carrier networks*
* X.gsiiso, *Guidelines on security of the individual information service for operators*
* X.hsn, *Heterarchic architecture for secure distributed service networks* (in collaboration with Q7/17 and Q10/17)
* X.ncns-1, *Guidance for national IP-based public network security centres for developing countries*
* X.vissec, *Security of digital broadcasting and multimedia video information systems (VIS Security)*
* Review report of the Correspondence Group on:
* *Providing confidence and security in the use of telecommunication/ICT within industrial system*
* Review progress on the SG 17 initiative on business use of telecommunication/ICT security standards in coordination with Q1/17
* Review status of the coordination with other ITU-T study groups, and particularly SG 13 on security issues related to NGN
* Address any coordination issues from JCA-NGN and identify any issues to report to JCA-NGN
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Consider efficient cooperative work with ISO/IEC JTC 1/SC 27 on IT network security project
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SCs 27 and 37, IEC TC 25, ISO TC 12, IETF, ATIS, ETSI, 3GPP, 3GPP2 and FIINA
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities.
* **Question 3/17 - Telecommunications information security management**
* Carry out responsibilities for Recommendations E.409 (in conjunction with SG 2), X.1051, X.1052, X.1055, X.1056, and X.1057
* Review results of activities since the March 2012 SG 17 meeting
* Consider results of TAP consultation and any contributions on *determined* draft new Recommendation and achieve *approval*:
* X.1054 (X.isgf), *Information technology – Security techniques - Governance of information security*
* Finalize work and achieve approval on draft new supplement:
* Supplement to X.1051, *Information security management users' guide for Recommendation ITU-T X.1051*
* Progress work on draft new Recommendations:
* X.gpim, *Guideline for management of personally identifiable information for telecommunication organizations*
* X.mgv6, *Security management guideline for implementation of IPv6 environment in telecommunications organizations*
* X.sgsm, *Information security management guidelines for small and medium telecommunication organizations*
* Progress work on:
* Security handbook on *Handbook on information security incident management for developing countries*
* Consider further work in relation with the implementation of WTSA-08 Res. 58
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Consider what further efforts can be done in support of TDR/EW
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SC 27, ETSI, TTC, NIST and CSA
* Provide a consolidated, concise summary of achievements regarding WTSA-08 Res. 58
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities
* **Question 4/17 - Cybersecurity**
* Carry out responsibilities for Recommendations X.1205, X.1206, X.1207, X.1209, X.1303, X.1500, X.1500.1, X.1520, X.1521, X.1524, X.1570 and Supplements X.Suppl.8, X.Suppl.9, and X.Suppl.10
* Review results of activities since the March 2012 SG 17 meeting
* Consider results of TAP consultation and any contributions on *determined* draft new Recommendations and achieve *approval*:
* X.1527 (X.xccdf), *Extensible configuration checklist description format*
* X.1528 (X.cpe), *Common platform enumeration*
* X.1528.1 (X.cpe.1), *Common platform enumeration naming*
* X.1528.2 (X.cpe.2), *Common platform enumeration name matching*
* X.1528.3 (X.cpe.3), *Common platform enumeration dictionary*
* X.1528.4 (X.cpe.4), *Common platform enumeration applicability language*
* X.1541 (X.iodef), *Incident object description exchange format*
* X.1580 (X.rid), *Real-time inter-network defense*
* X.1581 (X.ridt), *Transport of real-time inter-network defense messages*
* Finalize work and achieve *determination* of draft new Recommendations:
* X.abnot, *Abnormal traffic detection and control guideline for telecommunication network*
* X.capec, *Common attack pattern enumeration and classification*
* X.cce, *Common configuration enumeration*
* X.cee, *Common event expression*
* X.cwss, *Common weakness scoring system*
* X.maec, *Malware attribute enumeration and classification*
* X.oval, *Open vulnerability and assessment language*
* Progress work on draft new and revised Recommendations:
* X.1303 (revised), *Common alerting protocol (CAP 1.2)* (in collaboration with Q12/17)
* X.bots, *Centralized framework for botnet detection and response*
* X.csi, *Guidelines for cybersecurity index*
* X.csmc, *Continuous security monitoring using CYBEX techniques*
* X.cvrf, *Common vulnerability reporting format*
* X.cybex-beep, *A BEEP profile for cybersecurity information exchange techniques*
* X.cybex-tp, *Transport protocols supporting cybersecurity information exchange*
* X.eipwa, *Guideline on techniques for preventing web-based attacks*
* X.sip-cyber, *Security guidelines for countering cyber attacks in SIP-based services*
* X.sisnego, *Framework of security information sharing negotiation*
* X.trm, *Overview of traceback mechanisms*
* Review reports of the Correspondence Group on:
* *Coordination of the cybersecurity information exchange framework*
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Coordinate with TSB for updating the reference website on cybersecurity organizations pursuant to WTSA-08 Res. 58
* Contribute to the study on countering spam (see Q5/17)
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SC 27, IEEE, IETF, OASIS, 3GPP, 3GPP2, OMA, ETSI, NIST, OECD, FIRST,CERT/CC and TCG
* Consider (with Q3/17) enhancing collaboration with the large array of cybersecurity service organizations active globally including the CCDB and MITRE
* Consider a more broader involvement of regional organizations in the work of Q4/17
* Provide a consolidated, concise summary of achievements regarding WTSA-08 Res. 50
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities.
* **Question 5/17 - Countering spam by technical means**
* Carry out responsibilities for Recommendations X.1231, X.1240, X.1241, X.1242, X.1243, X.1244, X.1245 and Supplements X.Suppl.6, X.Suppl.11, and X.Suppl.12
* Review results of activities since the March 2012 SG 17 meeting
* Finalize work and achieve approval on draft new supplement:
* Supplement to X.1243 (X.ics), *Functions & interfaces for countering email spam using botnet information*
* Progress work on draft new Recommendation:
* X.ticvs, *Technologies involved in countering voice spam in telecommunication organizations*
* Review any service-related requirements on countering spam developed by SG 2
* Review work in progress in ITU-D Q.22/1
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Consider efficient collaboration with other bodies including ETSI, IETF, ISO/IEC JTC 1, OMA, 3GPP, 3GPP2, OECD,MAAWG, FIRST and NIST
* Provide a consolidated, concise summary of achievements regarding WTSA-08 Res. 52
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities.

**Working Party 2 - Application security**

* Review and approve results from interim activities
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* **Question 6/17 - Security aspects of ubiquitous telecommunication services**
* Carry out responsibilities for Recommendations X.1101, X.1111, X.1112, X.1113, X.1114, X.1121, X.1122, X.1123, X.1124, X.1125, X.1171, X.1191, X.1192, X.1193, X.1194, X.1195, X.1197, X.1311, and X.1312
* Review results of activities since the March 2012 SG 17 meeting
* Finalize work and achieve *consent* on draft new Recommendations:
* X.iptvsec-6, *Framework for the downloadable service and content protection system in the mobile IPTV environment*
* X.iptvsec-8, *Virtual machine-based security platform for renewable IPTV service and content protection (SCP)*
* X.msec-6, *Security aspects of smartphones*
* X.usnsec-3, *Security requirements for wireless sensor network routing (*collaboratively with ISO/IEC JTC 1/SC 6/WG 7)
* Progress work on draft new Recommendations:

- X.msec-7, *Guidelines on the management of infected terminals in mobile networks*

- X.msec-8, *Secure application distribution framework for communication devices*

- X.sgsec-1, *Security functional architecture for smart grid services using telecommunication network*

- X.unsec-1, *Security requirements and framework of ubiquitous networking*

* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Review results from ITU-T IPTV interop events (e.g., what about including SG 17 IPTV security Recommendations in these IPTV interop events)
* Address any coordination issues from JCA-IPTV, JCA-SG&HN and JCA-IoT and identify any issues to report to these JCAs
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SCs 6, 25, 27 and 31, IEC SMB WG3 and TC 57, IETF, 3GPP, 3GPP2, OMA, GSMA, ETSI, ATIS, TTC, TTA, CCSA, OIPF, DVB, NFC Forum and NIST
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities.
* **Question 7/17 - Secure application services**
* Carry out responsibilities for Recommendations X.1141, X.1142, X.1143, X.1151, X.1152, X.1153, X.1161 and X.1162
* Review results of activities since the March 2012 SG 17 meeting
* Finalize work and achieve *determination* on draft new Recommendation:
* X.sap-4, *The general framework of combined authentication on multiple identity service provider environment* (in collaboration with Q10/17)
* Finalize work and achieve *consent* on draft new Recommendations:
* X.p2p-4, *Use of service providers’ user authentication infrastructure to implement PKI for peer-to-peer networks*
* X.websec-4, *Threats and security requirements for enhanced web based telecommunication service*
* X.xacml3, *eXtensible Access Control Markup Language (XACML) 3.0* (in collaboration with Q10/17)
* Finalize work and achieve *consent* on draft Amendments to Recommendations:
* X.1141 Amd.1, *Security Assertion Markup Language (SAML) 2.0 – Amendment 1: Errata* (in collaboration with Q10/17)
* X.1142 Amd.1, *eXtensible Access Control Markup Language (XACML 2.0) – Amendment 1: Errata* (in collaboration with Q10/17)
* Progress work on draft new Recommendations:

- X.p2p-3, *Security requirements and mechanisms of peer-to-peer based telecommunication network*

- X.sap-5, *Guideline on anonymous authentication for e-commerce service*

- X.sap-6, *Non-repudiation framework based on a one time password*

- X.sap-7, *The requirements of fraud detection and response service for sensitive Information Communication Technology applications*

*-* X.websec*-5, Security architecture and operations for web mashup services*

* Review reports of the Correspondence Groups on:
* *SAML (Security Assertion Markup Language) activities*
* *XACML (eXtensible Access Control Markup Language) activities*
* Assist Q8/17 in ongoing work on X.fsspvn and Q2/17 on X.hsn
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SC 27 and 38, IETF, OASIS, Kantara Initiative, ATIS, ETSI, W3C, OMA, IMPACT, ENISA, GCA, GSMA and COE
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities.
* **Question 8/17 - Cloud computing security**
* Review results of activities since the March 2012 SG 17 meeting
* Finalize work and achieve *determination* on draft new Recommendation:
* X.ccsec, *Security requirements and architecture for cloud computing*
* Progress work on draft new Recommendations:
* X.fsspvn, *Framework of the secure service platform for virtual network* (in collaboration with Q7/17)
* X.goscc, *Guideline of operational security for cloud computing*
* X.sfcse, *Security functional requirements for Software as a Service (SaaS) application environment*
* Assist Q7/17 in ongoing work on X.websec-4 and assist Q10/17 in ongoing work on X.idmcc
* Recommend division of responsibilities for security aspects of cloud computing among SG 17 Questions
* Consider results and possible actions resulting from JCA-Cloud and joint meetings with Q16/13 and WP 6/13
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SC 7 (Study Group on Service Oriented Architecture (SOA)), ISO/IEC JTC 1/SC 27 and 38, IETF, OASIS , 3GPP, 3GPP2, OMA, ETSI, TM Forum
* Update summaries of draft new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities.
* **Question 9/17 - Telebiometrics**
* Carry out responsibilities for Recommendations X.1080.1, X.1081, X.1082, X.1083, X.1084, X.1086, X.1088, X.1089, X.1090, and X.1091
* Review results of activities since the March 2012 SG 17 meeting
* Finalize work and achieve *determination* of draft new Recommendations:
* X.th2, *Telebiometrics related to physics*
* X.th3, *Telebiometrics related to chemistry*
* Progress work on draft new Recommendations:
* X.bhsm, *Telebiometric authentication framework using biometric hardware security module* (in collaboration with Q11/17)
* X.tam, *A guideline to technical and operational countermeasures for telebiometric applications using mobile devices*
* X.th4, *Telebiometrics related to biology*
* X.th5, *Telebiometrics related to culturology*
* X.th6, *Telebiometrics related to psychology*
* X.tif, *Integrated framework for telebiometric data protection in e-health and worldwide telemedicines*
* Further progress on the development of a booklet on telebiometrics
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Identify any relevant action with regard to the telebiometrics database (maintenance of the prototype is discontinued by the TSB), including necessary review/control and discussion on process
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SCs 17, 27, and 37, ISO TCs 12, 68 and 215, IEC TC 25, IETF, IEEE, BIPM, WHO and ILO
* Review the collaboration status with ISO/IEC JTC 1/SC 27 for security evaluation and testing of biometric technology
* Review the collaboration status with ISO/IEC JTC 1/SC 37 for biometrics standards
* Review the collaboration status with ISO TC 12 for physiological quantities and their units
* Review the collaboration status with IEC TC 25 for physiological quantities and their units
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities.

# Working Party 3 - Identity management and languages

* Review and approve results from interim activities
* Progress tasks related to implementation of WTSA-08 Resolutions, e.g., Res. 76
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Perform the lead study group (LSG) responsibility for identity management, including updating the LSG web page
* Perform lead study group (LSG) responsibility for languages and description techniques including updating the LSG web page
* **Question 10/17 - Identity management architecture and mechanisms**
* Carry out responsibilities for Recommendations X.1250, X.1251, X.1252, X.1253, X.1275 and Supplement X.Suppl.7
* Review results of activities since the March 2012 SG 17 meeting, in particular from the collaborative activity with ISO/IEC JTC 1/SC 27/WG 5 on draft X.1254 (X.eaa)
* Consider results of TAP consultation and any contributions on *determined* draft new Recommendation and achieve *approval*:
* X.1254 (X.eaa), *Information technology – Security techniques – Entity authentication assurance framework*
* Finalize work and achieve *determination* of draft new Recommendations:
* X.discovery, *Discovery of identity management information*
* X.giim, *Mechanisms to support interoperability across different IdM services*
* X.mob-id, *Baseline capabilities and mechanisms of identity management for mobile applications and environment*
* X.oitf, *Open identity trust framework*
* Progress work on draft new Recommendations:
* X.atag, *Attribute aggregation framework*
* X.authi, *Guideline to implement the authentication integration of the network layer and the service layer*
* X.idmcc, *Requirement of IdM in cloud computing* (in collaboration with Q8/17)
* Review reports of the correspondence groups on:
* *ITU-T X.eaa*
* *Discovery of Identity Management Information*
* *Mobile IdM framework*
* *Open Identity Trust Framework*
* Assist Q2/17 in ongoing work of X.hsn, assist Q7/17 in ongoing work on X.1141/Amd.1, X.1142/Amd.1, X.sap-4 and X.xacml3, and assist Q11/17 in ongoing work on F.5xx
* Address any coordination issues from JCA-IdM and identify any issues to report to the JCA-IdM
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SCs 6, 27 and 37, IETF, ATIS, ETSI, OASIS, Kantara Initiative, OMA, NIST, 3GPP, 3GPP2, Eclipse, InCommon, PRIME, OpenID Foundation, Shibboleth and CA/Browser Forum
* Review the collaboration status with ISO/IEC JTC 1/SC 27/WG 5
* Review the collaboration status with Kantara Initiative
* Consider reactivating the development of a manual on identity management
* Perform the lead study group (LSG) responsibility for identity management, including updating the LSG web page
* Update summaries of draft new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities.
1. **Question 11/17 - Directory services, Directory systems, and public-key/attribute certificates**
* Carry out responsibilities for Recommendations E.104 (in conjunction with SG 2), E.115 (in conjunction with SG 2), F.500, F.510, F.515, X.500, X.501, X.509, X.511, X.518, X.519, X.520, X.521, X.525, X.530, e-X.Imp500
* Collaborative meeting with ISO/IEC JTC 1/SC 6/WG 8 (Directory)
* Review results of activities since the March 2012 Study Group 17 meeting
* Finalize work and achieve *consent* on draft new and revised Recommendations:
* F.5xx, *Directory Service – Support of Tag-based Identification Services* (in collaboration with Q10/17)
* X.500 (revised), *Information technology – Open Systems Interconnection –The Directory: Overview of concepts, models and services*
* X.501 (revised), *Information technology – Open Systems Interconnection –The Directory – Models*
* X.509 (revised), *Information technology – Open Systems Interconnection –The Directory – Public-key and attribute certificate frameworks*
* X.511 (revised), *Information technology – Open Systems Interconnection –The Directory – Abstract service definition*
* X.518 (revised), *Information technology – Open Systems Interconnection –The Directory – Procedures for distributed operations*
* X.519 (revised), *Information technology – Open Systems Interconnection –The Directory – Protocols*
* X.520 (revised), *Information technology – Open Systems Interconnection –The Directory – Selected attribute types*
* X.521 (revised), *Information technology – Open Systems Interconnection –The Directory – Selected object classes*
* X.525 (revised), *Information technology – Open Systems Interconnection –The Directory – Replication*
* Consider action regarding X.530, *Information technology – Open Systems Interconnection –The Directory – Use of systems management for administration of the Directory*
* Consider any received defect reports and progress any necessary technical corrigenda, including updates to the Directory Implementers’ Guide
* Finalize work and achieve *consent* on draft Corrigenda
* X.501, *Information technology – Open Systems Interconnection –The Directory – Models, Technical Corrigendum 3.*
* X.509, *Information technology – Open Systems Interconnection –The Directory – Public-key and attribute certificate frameworks, Technical Corrigendum 3.*
* X.511, *Information technology – Open Systems Interconnection –The Directory – Abstract service definition, Technical Corrigendum 3.*
* X.518, *Information technology – Open Systems Interconnection –The Directory – Procedures for distributed operations, Technical Corrigendum 2.*
* X.520, *Information technology – Open Systems Interconnection –The Directory – Selected attribute types, Technical Corrigendum 3.*
* Further consider the need for IdM/NGN directory requirements
* Consider what new work is needed based on the results of recent IETF meetings
* Review the web-based application for the Directory Implementers’ Guide
* Consider possible actions resulting from WTSA-08, PP-10, WTDC-10 and GSC-16
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SCs 6 and 27, IETF, and OASIS
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities.
1. **Question 12/17 – Abstract Syntax Notation One (ASN.1), Object Identifiers (OIDs) and associated registration**
* Carry out responsibilities for Recommendations X.660, X.662, X.665, X.666, X.667, X.668, X.669, X.670, X.671, X.672, X.674, X.680, X.681, X.682, X.683, X.690, X.691, X.692, X.693, X.694, X.695, X.891, X.892 and X.893
* Collaborative meeting with ISO/IEC JTC 1/SC 6/WG 9 on ASN.1, OIDs, and registration authorities
* Responsible for the ITU-T ASN.1 & OID Project:
* to assist existing users of ASN.1 within and outside of ITU-T, and to promote the use of ASN.1 across a wide range of industries and standards bodies
* to establish a publicly-accessible database of machine-processable versions of ASN.1 modules in ITU-T Recommendations
* to assist national bodies to establish registration authorities for object identifiers
* Review results of activities since the March 2012 Study Group 17 meeting
* Finalize work and achieve *consent* of draft Corrigendum:
* X.667 Cor.1, *Information technology – Procedures for the operation of Object Identifier Registration Authorities: Generation of Universally Unique Identifiers (UUIDS) and their use in object identifiers – Technical Corrigendum 1*
* Consider any additions to existing Recommendations
* Progress work on defect reports and progress any necessary technical corrigenda
* Consider efficient collaboration with other bodies including ISO/IEC SCs that use ASN.1 or OIDs, OMG, IETF, W3C and OASIS
* Review and update as necessary the information on SG 17 web page concerning ASN.1 and OID Project, ASN.1 Module Database, and Object Identifiers (OIDs) and Registration Authorities, including the ITU web page on emerging trends
* Assist in production of a joint Q12/17, 13/17, 14/17 update of the LSG on languages and description techniques web page
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities
* **Question 13/17 Formal languages and telecommunication software**
* Carry out responsibilities for Recommendations X.901, X.902, X.903, X.904, X.906, X.910, X.911, X.920, X.930, X.931, X.950, X.952, X.960, Z.100, Z.101, Z.102, Z.103, Z.104, Z.105, Z.106, Z.107, Z.109, Z.110, Z.111, Z.119, Z.120, Z.121, Z.150, Z.151, Z.200, Z.400, Z.450, Z.600, Z.601, Z Suppl.1, Z.Imp100
* Review results of activities since the March 2012 Study Group 17 meeting

**Specification and Description Language**

* Finalize work and achieve *consent* on draft amendment to Recommendation:
* Z.104 Amd.1, *Data and action language in SDL-2010 – Amendment 1: Annex C – Language Binding*
* Finalize work and achieve approval on revision of:
* Z.Suppl.1 (revised), *Supplement 1 to Z-series Recommendations – ITU-T Z.100-series – Supplement on methodology on the use of description techniques*
* Progress work on revised Annex:
* Z.100 Annex F1 (revised), *SDL formal definition: General overview*
* Maintain a master list of corrections of the current version of specification and description language Recommendations as an Implementers’ Guide.
* Review the maintenance of the formal basis for specification and description language Recommendations, placing emphasis on ease of use and easy maintainability.
* Assist in the maintenance of Recommendations ITU-T Z.111 and Z.119.
* Issue new versions of Z.100-series Recommendations as and when needed.
* Continue study of new uses of specification and description language, especially in conjunction with other languages in particular in relation to integration in a UML framework.

**Message Sequence Chart**

* Progress work on revision of Recommendation:
* Z.120 (revised), *Message sequence chart (MSC)*
* Maintain a master list of corrections of the current version of message sequence chart Recommendations as an Implementers’ Guide.
* Review the maintenance of the formal basis for message sequence chart Recommendations, placing emphasis on ease of use and easy maintainability.
* Issue new versions of Z.120-series Recommendations as and when needed.
* Continue study of message sequence chart uses, especially in conjunction with other languages.

**User Requirements Notation**

* Finalize work for *consent* of a Corrigendum:
* Z.151 Cor.1, *User requirements notation (URN) – Language definition*
* Progress work on revision of Recommendation:
* Z.151 (revised), *User requirements notation (URN) – Language definition*
* Maintain a master list of corrections of the current version of user requirements notation Recommendations as an Implementers’ Guide (as agreed in September 2009).
* Issue new versions of Z.150-series Recommendations as and when needed.
* Assist in the maintenance of Recommendations ITU-T Z.111 and Z.119.
* Continue study of message sequence chart uses, especially in conjunction with other languages.

**Unified Modeling Language**

* Finalize work and achieve approval on revision of:
* Z.100 Supplement 1, *Supplement 1 to Z-series Recommendations – ITU-T Z.100-series – Supplement on methodology on the use of description techniques*
* Finalize work and achieve *consent* on draft new Recommendation
* Z.uml-urn-grl, *Unified modeling language (UML) profile for URN GRL*
* Consider whether to continue development of draft new Recommendation ITU-T Z.uml‑urn‑grl.
* Identification of requirements and manner on the joint use of UML and Z-series languages.
* Compiling input for the further development of UML to be communicated to OMG.
* Coordination of common concepts (e.g., time), tools (e.g., meta-grammars), and definitional strategies between the system design languages.
* Maintain the guidelines on use of formal languages (Recommendation ITU-T Z.110), how to define the grammars for ITU-T languages (Recommendation ITU-T Z.111), how to develop UML profiles (Recommendation ITU-T Z.119) and quality issues (Recommendation ITU-T Z.400, Recommendation ITU-T Z.450).

**Open Distributed Processing**

* Progress work in collaboration with ISO/IEC JTC 1/SC 7/WG 19 on revision of Recommendations:
* X.906, *Open distributed processing – Use of UML for ODP system specification*
* X.911, *Open distributed processing – Reference model – Enterprise language*
* Identify any relevant middleware issues for standardization in the telecom domain especially in collaboration with ISO/IEC JTC 1.
* Identify what additional work on ODP should be pursued taking into account ongoing work in ISO/IEC JTC 1/SC 7 and in OMG
* Consider efficient cooperative work with ISO/IEC JTC 1/SC 7/WG 19
* Consider collaboration with SG 13 on NGN and COTS components issues
* Identify relevant middleware issues for standardization in the telecom domain

**Further tasks**

* Consider efficient collaboration with other bodies including ISO/IEC JTC 1 and its SC 7/WG 19, ETSI, OMG, IETF and SDL Forum Society
* Review and finalize the languages and description techniques report for publication by ITU
* Assist in production of a joint Q12/17, 13/17, 14/17 update of the LSG on languages and description techniques web page
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities
1. **Question 14/17 - Testing languages, methodologies and framework**
* Carry out responsibilities for Recommendations X.290, X.291, X.292, X.293, X.294, X.295, X.296, Z.161, Z.161.1, Z.162, Z.163, Z.164, Z.165, Z.165.1, Z.166, Z.167, Z.168, Z.169, Z.170, Z.500 and supplements X.Suppl.4, X.Suppl.5
* Review results of activities since the March 2012 Study Group 17 meeting
* Consider adjustments to the mechanism put in place with ETSI regarding TTCN texts to make it bilateral and including how comments (if any) submitted during an AAP Last Call on TTCN-3 would be taken into account by ETSI MTS TC in their version of TTCN-3
* Review results from ITU-T IPTV interop events (e.g., what about including SG 17 IPTV security Recommendations and referencing the SG 17 generic approach and methodology for interoperability testing in these IPTV interop events)
* Provide guidance to SG 17 Questions on the applicability of conformance and interoperability considerations to the types of security Recommendations they are responsible for.
* Provide guidance to TSAG, JCA-CIT and study groups on how ITU could strengthen its role in conformance testing and interoperability testing
* Address any coordination issues from JCA-CIT and identify any issues to report to JCA-CIT
* Consider possible actions resulting from WTSC-08, WTDC-10, PP-10 and GSC-16
* Consider efficient collaboration with other bodies including ISO/IEC JTC 1, ETSI and OMG
* Consider additional opportunities with ETSI/MTS
* Consider relationship with ISO/CASCO
* Review and update information on the SG 17 web page concerning TTCN
* Consider new actions related to the implementation of WTSA-08 Res. 76 in close collaboration, in particular with Study Group 11
* Provide a consolidated, concise summary of achievements regarding WTSA-08 Res. 76
* Assist in production of a joint Q12/17, 13/17, 14/17 update of the LSG on languages and description techniques web page
* Update summaries of draft revised and new Recommendations
* Update the action plan
* Provide concise summary of achievements for inclusion in SG 17 report to relevant entities
1. **Question 15/17 - Open Systems Interconnection (OSI)**
* Responsible for the base Recommendations for Open Systems Interconnection (OSI) listed below.
* Consider the need for maintenance and, or update for correcting errors or enhancing the specified functions to Recommendations: F.400, F.401, F.410, F.415, F.420, F.421, F.423, F.435, F.440, F.471, F.472, X.200, X.207, X.210 X.211, X.212, X.213, X.214, X.215, X.216, X.217, X.217*bis*, X.218, X.219, X.220, X.222, X.223, X.224, X.225, X.226, X.227, X.227*bis*, X.228, X.229, X.233, X.234, X.235, X.236, X.237, X.237*bis*, X.245, X.246, X.247, X.248, X.249, X.255, X.256, X.257, X.260 X.263, X.264, X.273, X.274, X.281, X.282, X.283, X.284, X.287, X.400, X.402, X.404, X.408, X.411, X.412, X.413, X.419, X.420, X.421, X.435, X.440, X.445, X.446, X.460, X.462, X.467, X.481, X.482, X.483, X.484, X.485, X.486, X.487, X.488, X.610, X.612, X.613, X.614, X.622, X.623, X.625, X.630, X.633, X.634, X.637, X.638, X.639, X.641, X.642, X.650, X.851, X.852, X.853, X.860, X.861, X.862, X.863, X.880, X.881, X.882
* Consider any received defect reports and progress any necessary Technical Corrigenda, including updates to the OSI Implementers’ Guide or X.400 Implementers’ Guide
* Question 15/17 will meet as necessary.

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