

**Telecommunications and Information Exchange Between Systems**

**ISO/IEC JTC 1/SC 6**

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## **Calling Notice and Draft Agenda for SC 6/WG 7 Interim Meeting with ITU-T Q.6/17**

### **1 Calling Notice**

In according to Resolution 6.7.1 of SC 6 meeting in Tokyo, WG 7 Interim meeting will be held in Geneva, jointly with ITU-T Q.6/17 on USN security issues in September 2009 as shown below:

- **Monday Afternoon (21<sup>st</sup> Sept.) to Tuesday Morning (22<sup>nd</sup> Sept.)**

*Note: The provisional work plan of TSB Collective letter 2/17 which is attached to this document will be updated for the joint meeting of SC 6/WG 7 and ITU-T Q.6/17 as above. Revised time table had been agreed with SG7 WP 2 Chairman.*

### **2 Draft Agenda**

Main issue for this joint meeting is to progress relevant work items on USN Security. The following work items are planned for consideration in the meeting:

#### **1) USN Security**

- Review and resolving of first CD ballot on ISO/IEC CD 29180 (ITU-T X.usnsec-1), Security framework for ubiquitous network
- Further progress work on ISO/IEC CD 29180 (ITU-T X.usnsec-1)
- Other related works on USN security
  - X.usnsec-2, Ubiquitous sensor network (USN) middleware security guidelines
  - X.usnsec-3, Secure routing mechanisms for wireless sensor network

#### **2) Multicast Security**

- ITU-T X.mcsec-1, Security requirements and framework for multicast communication

### **3 Meeting logistic information**

See the ITU-T Collective letter 2/17 as attached.

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**Attachment: TSB Collective letter 2/17**

Geneva, 26 June 2009

Ref: **TSB Collective letter 2/17**

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To Administrations of Member States of the  
Union, to ITU-T Sector Members and to  
ITU-T Associates participating in the work  
of Study Group 17

Subject: **Meeting of Study Group 17**  
**Geneva, 16-25 September 2009**

Dear Sir/Madam,

1 In accordance with the schedule of ITU Telecommunication Standardization Sector meetings for 2009 (see schedule of events: <http://www.itu.int/events/upcomingevents.asp?sector=ITU-T>), I should like to inform you that Study Group 17 (*Security*) is to meet at ITU headquarters, Geneva, from 16 to 25 September 2009 inclusive.

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.

2 An interpretation service will be provided for the meeting in accordance with the relevant provisions in force.

3 The draft agenda and work plan, as prepared by agreement with the Chairman of Study Group 17, is set out in **Annex 1** hereto.

4 The draft work programme for working parties and questions is set out in **Annex 2** hereto.

5 Pursuant to the provisions of Recommendation A.1 (Johannesburg, 2008), contributions to the work of the study group are to be submitted to the Telecommunication Standardization Bureau (TSB). Contributions received by TSB at least ten calendar days before the date set for the opening of the meeting will be published on the Study Group 17 website. Such contributions must therefore be received by TSB **not later than 5 September 2009**. Contributions received at least two months before the start of the meeting may be translated, if required, according to the provisions in force.

Participants are encouraged to submit contributions using the web-based submission form available on the Study Group 17 homepage, or by electronic mail to the following address: [tsbsg17@itu.int](mailto:tsbsg17@itu.int). Detailed instructions can be found on the ITU-T website.

We would strongly encourage you to use the set of templates that has been created to harmonize the appearance of ITU-T documents while making their production easier and hence more efficient. The templates are accessible from each ITU-T study group web page, under “Guides, Tools and Templates” (<http://www.itu.int/ITU-T/studygroups/templates/index.html>).

With a view to settling any questions that might arise concerning contributions, the name, fax and telephone numbers and e-mail address of the person to be contacted should be indicated on contributions. Accordingly, please include those details on the cover page of all documents.

6 To enable TSB to make the necessary arrangements concerning the documentation for, and organization of, the meeting, I should be grateful if you would send me, by letter, fax (+41 22 730 5853) or e-mail ([tsbreg@itu.int](mailto:tsbreg@itu.int)), as soon as possible but **not later than 16 August 2009**, the list of people who will be representing your Administration, Sector Member, Associate, 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).

7 **Please note that pre-registration of participants to ITU-T meetings is carried out online at the ITU-T website** (<http://www.itu.int/ITU-T/studygroups/com17/index.asp>).

8 In agreement with its Chairman, Mr Arkadiy Kremer, Study Group 17 is taking further steps towards working in a fully electronic environment. A very limited number of printed documents will be made available upon advance request to the study group secretariat ([tsbsg17@itu.int](mailto:tsbsg17@itu.int)).

Printers are available in the cyber café of the 2<sup>nd</sup> basement of the Tower building and 2<sup>nd</sup> floor of Montbrillant building for delegates who wish to print documents. In addition, the Helpdesk Service ([helpdesk@itu.int](mailto:helpdesk@itu.int)) has prepared a limited number of laptops for those who do not have one.

9 For sessions that are scheduled to be held with interpretation, please note that interpretation will actually be provided only where Member States so request, by means of the registration form, or a special notice to TSB, and **at least one month before the start of the sessions in question**. It is imperative that this deadline be respected in order for TSB to make the necessary arrangements for interpretation.

10 We are pleased to inform you that ITU will provide a limited number of partial fellowships (either economy class air ticket **or** accommodation and a daily allowance to cover meals and incidental expenses) to facilitate participation from Least Developed or Low Income Developing Countries. An application must be authorized by the relevant Administration of the ITU Member State and be limited to only one person per country. The fellowship request form, enclosed as **Annex 4**, should be returned to ITU not later than **16 August 2009**. 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.

11 Wireless LAN facilities are available for use by delegates in the ITU main conference room areas and in the CICG (Geneva International Conference Centre) building. Wired network access continues to be available in the ITU Montbrillant building. Detailed information is available on the ITU-T website (<http://www.itu.int/ITU-T/edh/faqs-support.html>).

12 For your convenience, a hotel confirmation form is enclosed as **Annex 3** (see <http://www.itu.int/travel/> for the list of hotels).

13 We would like to remind you that citizens of some countries are required to obtain a visa in order to enter and spend any time in Switzerland. **The visa must be requested at least three (3) 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 three 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](mailto:tsbreg@itu.int)) bearing the words “**visa request**”.

Yours faithfully,

Malcolm Johnson  
Director of the Telecommunication  
Standardization Bureau

**Annexes: 4**

ANNEX 1  
(to TSB Collective letter 2/17)  
**Draft agenda for the plenary**

1. Opening of the meeting and welcome
2. Results from the last meeting of Study Group 17
  - a) Report of the 11-20 February 2009 Study Group 17 meeting
  - b) Result of the Member States consultation for Recommendations under TAP
  - c) Report of the interim rapporteur group meetings
  - d) Report from the correspondence group on entity authentication assurance
  - e) Report from the correspondence group on trusted exchange of network digital forensics
3. Results from April 2009 TSAG meeting
  - a) Highlights
  - b) TSAG decision on JCA-CIT
  - c) TSAG decision on JCA-IdM
  - d) TSAG decision on IdM-GSI
  - e) Liaison statements
4. Coordination, collaboration and cooperation
  - a) Focus groups, joint coordination activities (JCAs) and Global standards initiatives (GSIs)
  - b) Relations with other lead study groups
  - c) Strategic Advisory Group on Security (SAG-S) (IEC, ISO, ITU-T)
  - d) Memorandum of Understanding on e-business (IEC, ISO, ITU-T, UN/ECE)
  - e) Highlights from Global Standards Collaboration (GSC-14)
  - f) Collaboration with ISO/IEC JTC 1
  - g) Collaboration with ETSI (TTCN and security)
  - h) Collaboration with the SDL Forum Society
  - i) Collaboration with the IETF
  - j) Collaboration with the Liberty Alliance/Kantara Initiative
  - k) Collaboration with OASIS
  - l) Collaboration with the CA/Browser Forum
  - m) Interaction with other industry consortia and fora
5. General matters
  - a) SG 17 organization for this meeting
  - b) Appointments (to fill Associate Rapporteur and other open positions)
  - c) SG 17 lead study group activities
  - d) Status of the ITU-T SG 17 ASN.1 and OID Project
  - e) Status of the ITU-T SG 17 Security Project
  - f) Workshops and tutorials
6. Program for this meeting (working party meetings and meeting on questions)
  - a) Meeting reports
  - b) Action plans

- c) Recommendations for approval at this Study Group 17 meeting
  - d) Recommendations for consent or determination at this Study Group 17 meeting
  - e) Recommendations planned for consent or determination at the next Study Group 17 meeting
  - f) Liaison statements
  - g) Summaries of Recommendations
  - h) Planned rapporteur group meetings
  - i) Highlights of achievements
- 7. Working arrangements for this meeting
    - a) Update on tools available for the conduct of the work
    - b) Mailing lists, including e-mail addresses
    - c) List of meeting documents and allocation of documents to Questions
    - d) Meeting schedule and room allocation
  - 8. Future meetings of Study Group 17
  - 9. Information from vice-chairmen and working party chairmen
  - 10. Any other business
  - 11. Closing

ANNEX 1 (continued)

(to TSB Collective letter 2/17)

Provisional work plan<sup>1) 2)</sup>

ITU-T Study Group 17 meeting, Geneva, 16-25 September 2009

	WED 16		THU 17		FRI 18		SUN 20		MON 21		TUE 22		WED 23		THU 24		FRI 25	
	A M	P M	A M	P M	A M	P M	A M	P M	A M	P M	A M	P M	A M	P M	A M	P M	A M	P M
PLEN	X																X	X
WP 1		12)													X	12)		
Q1			X	X	X	11)		X		X				X				
Q2			X	X	X	11)	X				6)	X						
Q3							X	X	X	X	6)	X		X	X	X		
Q4			X	X		X	X	X	X	X	6)		X	X	X	X	X	X
Q5			X			X	X	X		X	6)			X	X	X	X	X
WP 2		12)															12)	X
Q6					X	8)	8)	8)	8)	X	X	6)	9)	9)	9)	X	X	
Q7			X	X	10)						6)	9)	9)	9)		X	X	
Q8					10)						6)			X	X	X	X	
Q9						X	X		X	X	6)	X	X	X	X	X	X	X
WP 3		12)															12)	12)
Q10			X	X	X	X		X	X		6)	X	X	X	X	X	X	X
Q11 3)				X	X	X	X	X		X	6)	X	X	X	X	X		
Q12 4)			X	X	X	X	X	X	X	X	6)	X	X	X	X	X	X	X
Q13			X	X	X	X	X	X	X	X		X	X	X	X			
Q14											6)					X	X	X
Q15 5)											6)							
Other					-> 7)													
JCA-IdM								X	X									

PLEN = Study Group 17 plenary sessions; WP = Working party plenary sessions; JCA-IdM = Joint coordination activity on identity management

1) Updates to this work plan for the meetings on questions and joint meetings will be posted on the ITU-T SG 17 website.

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

3) Collaborative meeting with ISO/IEC JTC 1/SC 6/WG 8 on Directory

4) Collaborative meeting with ISO/IEC JTC 1/SC 6/WG 9 on ASN.1 and OIDs

5) Q.15/17 will meet if necessary

6) Security coordination

7) Ad-hoc meeting on positioning of the International OID root in the DNS system (open to all Questions) – 13:30-14:30 hours

8) Joint session with ISO/IEC JTC 1/SC 6/WG 7 on USN security

9) Joint sessions of Q.6/17 and Q.7/17 on IPTV security issues

10) Joint session of Q.7/17 and Q.8/17 on web services security (To be confirmed)

11) Joint Q.1/17 and Q.2/17 session on business use of security standards

12) Working party meetings will be run in sequence. Detailed timing to be confirmed.



## ANNEX 2

(to TSB Collective letter 2/17)

### **Draft work programme for working parties and questions**

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

- Consider new actions resulting from WTSA-08, e.g., Res. 50, 52, 58
- Review and approve results from interim activities
- Perform the lead study group (LSG) responsibilities for telecommunication security, including updating the LSG information on the SG 17 web page and preparing a concise report to TSAG

#### **• Question 1/17 - Telecommunications systems security project**

- Coordinate lead study group responsibilities for telecommunication security
- Review results of activities since the February 2009 Study Group 17 meeting
- Consider a top-down approach to security
- Review and update the ICT security standards roadmap
- Maintain the catalogue of ITU-T Recommendations dealing with security and the compendium of ITU-T approved security definitions
- Prepare material to promote ITU-T security work and attract additional participation (brochure, 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 ITU Cybersecurity Gateway
- Consider ISO/IEC/ITU-T Strategic Advisory Group on Security issues
- Consider efficient collaboration with other bodies including ENISA, NISSG and RAISE Forum
- Review and update the security project action plans
- Provide concise summary of achievements for inclusion in SG 17 report to relevant entities

#### **• Question 2/17 - Security architecture and framework**

- Responsible 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.1034, X.1035, X.1036, X.Sup2 and X.Sup3
- Review results of activities since the February 2009 SG 17 meeting
- Finalize work and achieve *consent* on X.interfaces, Architecture of external interrelations for a telecommunication network security system
- Progress work on draft Recommendations:
  - X.1034 (revised), enhancing the extensible authentication protocol (EAP) based authentication and key management
  - X.gsiiso, Guidelines on security of the individual information service for operators
- Review progress on the SG 17 initiative on business use of telecommunication/ICT security standards in coordination with Question 1/17
- 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 NGN-JCA and identify any issues to report to JCA-NGN

- 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 and 3GPP2
- 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**
  - Responsible for Recommendations E.409 (in conjunction with SG 2), X.1051, X.1055 and X.1056
  - Review results of activities since the February 2009 SG 17 meeting
  - Progress work on draft new Recommendations:
    - X.isgf, Information security governance framework
    - X.ismf, Information security management framework
  - Consider further work in relation with the implementation of WTSA-08 Res. 58
  - 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 and NIST
  - Update summaries of draft revised and new Recommendations
  - Update the action plan
  - Provide a consolidated, concise summary of achievements regarding WTSA-08 Res. 58
  - Provide concise summary of achievements for inclusion in SG 17 report to relevant entities
- **Question 4/17 - Cybersecurity**
  - Responsible for Recommendations X.1205, X.1206, X.1207 and X.1303
  - Review results of activities since the February 2009 SG 17 meeting
  - Progress work on draft new Recommendations:
    - X.abnot, Abnormal traffic detection and control guideline for telecommunication network
    - X.bots, Framework for botnet detection and response
    - X.dexf, Digital evidence exchange file format
    - X.gopw, Guideline on preventing malicious code spreading in a data communication network
    - X.gpn, Mechanism and procedure for distributing policies for network security
    - X.sips, Framework for countering cyber attacks in SIP-based services
    - X.sisfreq, Requirement for security information sharing framework
    - X.tb-ucc, Traceback use cases and capabilities
  - Review results from the correspondence group on trusted exchange of network digital forensics, including the collaborative website maintained by the Rapporteur
  - Contribute to the study on countering spam (see Question 5/17)
  - Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SC 27, IEEE, IETF, OASIS, 3GPP, 3GPP2, OMA, ETSI/TISPAN, NIST, OECD, FIRST and CERT/CC
  - Consider the replies to the liaison statement to many organizations on collaboration in the work on global cybersecurity
  - Update summaries of draft revised and new Recommendations

- Update the action plan
- Provide a consolidated, concise summary of achievements regarding WTSA-08 Res. 50
- Provide concise summary of achievements for inclusion in SG 17 report to relevant entities
- **Question 5/17 - Countering spam by technical means**
  - Responsible for Recommendations X.1231, X.1240, X.1241, X.1242, X.1244 and X.Sup6
  - Review results of activities since the February 2009 SG 17 meeting
  - Review any service-related requirements on countering spam developed by SG 2
  - Review work in progress in ITU-D Q.22/1
  - Finalize work and achieve *determination* on draft new Recommendations:
    - X.fcsip, Framework for countering IP multimedia spam
    - X.tcs-1, Interactive countering spam gateway system
  - Progress work on draft new Recommendations:
    - X.ics, Functions and interfaces for countering spam sent by botnet
    - X.tcs, Technical means for countering spam
    - X.tcs-2, Technical means for countering VoIP spam
  - Consider efficient collaboration with other bodies including IETF, ISO/IEC JTC 1, OECD and MAAWG
  - Update summaries of draft revised and new Recommendations
  - Update the action plan
  - Provide a consolidated, concise summary of achievements regarding WTSA-08 Res. 52
  - 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 holding a workshop on telebiometrics
- **Question 6/17 - Security aspects of ubiquitous telecommunication services**
  - Responsible for Recommendations X.1111, X.1112, X.1113, X.1114, X.1121, X.1122, X.1123, X.1124, X.1125, X.1171 and X.1191
  - Review results of activities since the February 2009 SG 17 meeting
  - Progress work on draft new Recommendations:
    - X.iptvsec-2, Functional requirements and mechanisms for secure transcodable scheme of IPTV
    - X.iptvsec-3, Key management framework for secure IPTV services
    - X.iptvsec-4, Algorithm selection scheme for service and content protection (SCP) descrambling
    - X.iptvsec-5, Service and content protection (SCP) interoperability scheme
    - X.mcsec-1, Security requirements and framework for multicast communication
    - X.msec-5, Security requirements of mobile multi-homed communications
  - Collaboratively with ISO/IEC JTC 1/SC 6/WG 7, Progress work on draft new Recommendations:
    - X.usnsec-1, Security framework for ubiquitous network
    - X.usnsec-2, Ubiquitous sensor network (USN) middleware security guidelines
    - X.usnsec-3, Secure routing mechanisms for wireless sensor network
  - Consider any additions to existing Recommendations

- Address any coordination issues from JCA-IPTV, JCA-HN and JCA-NID 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, IETF, 3GPP, 3GPP2 and OMA
- 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**
  - Responsible for Recommendations X.1141, X.1142, X.1143, X.1151, X.1152, X.1161 and X.1162
  - Review results of activities since the February 2009 SG 17 meeting
  - Finalize work and achieve *consent* on X.1141, Amendment 1 to align with OASIS standard SAML 2.0 errata
  - Finalize work and achieve *consent* on X.1142, Amendment 1 to align with OASIS standard XACML 2.0 errata
  - Progress work on draft new Recommendations:
    - X.p2p-3, Security requirements and mechanisms of peer-to-peer-based telecommunication network
    - X.sap-3, Management framework for one time password based authentication service
    - X.websec-4, Security framework for enhanced web-based telecommunication services
  - Consider any additions to existing Recommendations
  - Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SC 27, IETF, OASIS and Liberty Alliance/Kantara Initiative
  - 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 - Service oriented architecture security**
  - Review the contributions to the meeting and develop a work plan for the study period including identification of Recommendations to be developed
  - Identify relevant relationships within the ITU-T
  - Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SC 27, IETF, OASIS, 3GPP, 3GPP2, OMA, ETSI/TISPAN and TM Forum
  - Develop summaries for any 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**
  - Responsible for Recommendation X.1081, X.1082, X.1083, X.1084, X.1086, X.1088 and X.1089
  - Review results of activities since the February 2009 SG 17 meeting
  - 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
  - Finalize work and *approve* draft Recommendation X.1081, Amendment 2, Appendix V on information on hierarchies
  - Finalize work and achieve *consent* on draft new Recommendations:

- X.1081, Amendment 1, Object identifier assignments under the Telebiometrics arc
- X.1082, Amendment 1, Object identifier assignments under the Telebiometrics arc
- X.tpp-2, A guideline for data protection in multibiometric systems
- X.tsm-2, Protection profile for client terminals
- Progress work on draft new Recommendations:
  - X.ott, Authentication framework with one-time telebiometric template
  - X.th1, Telehealth and world-wide telemedicines – Generic telecommunications protocol
  - X.th2, Telebiometrics related to physics
  - X.th3, Telebiometrics related to chemistry
  - 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 telehealth and worldwide telemedicines
- 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 and IEEE
- 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
- Consider holding a workshop on telebiometrics prior to a next meeting of Study Group 17
- 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 3/17 - Identity management and languages**

- Consider new actions resulting from WTSA-08, e.g., Res. 76
  - Review and approve results from interim activities
  - Perform the lead study group (LSG) responsibility for identity management, including reviewing the LSG information on the SG 17 web page and preparing a concise report to TSAG
  - Perform lead study group (LSG) responsibility for languages and description techniques (with respect to notations for defining and describing systems, quality and methods, notation for testing and interfaces, deployment and configuration), including reviewing the LSG information on the SG 17 web page and preparing a concise report to TSAG
  - Contribute to the 14th System Design Languages Forum, 22-24 September 2009
- **Question 10/17 - Identity management architecture and mechanisms**
    - Responsible for X.Sup7
    - Review results of activities since the February 2009 SG 17 meeting, in particular from the correspondence group on “harmonization of Liberty Alliance Identity Assurance framework and SG 17's entity authentication assurance work”
    - Consider results of consultation and any contributions on *determined* draft new Recommendation X.1250, Baseline capabilities for enhanced global identity management trust and interoperability

- Consider results of consultation and any contributions on *determined* draft new Recommendation X.1251, A framework for user control of digital identity
- Complete work and achieve *determination* on draft Recommendation X.idmdef, Baseline identity management terms and definitions
- Complete work and achieve *determination* on draft Recommendation X.rfpg, Guideline on protection for personal identifiable information in RFID application
- Progress work on draft new Recommendations:
  - X.eaa, Entity authentication assurance
  - X.EVcert, Extended validation certificate
  - X.idm-dm, Common identity data model
  - X.idm-ifa, Framework architecture for interoperable identity management system
  - X.idmsg, Security guidelines for identity management systems
  - X.priva, Criteria for assessing the level of protection for personally identifiable information in identity management
- Address any coordination issues from JCA-IdM and identify any issues to report to the JCA-IdM
- Future plan for the IdM-GSI
- Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SCs 6, 27 and 37, IETF, ATIS, ETSI/TISPAN, OASIS, Liberty Alliance, 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
- Review the collaboration status with Liberty Alliance/Kantara Initiative
- Update summaries of draft new Recommendations
- Update the action plan
- Perform the lead study group (LSG) responsibility for identity management, including reviewing the LSG information on the SG 17 web page and preparing a concise report to TSAG
- Provide concise summary of achievements for inclusion in SG 17 report to relevant entities
- **Question 11/17 - Directory services, Directory systems, and public-key/attribute certificates**
  - Responsible 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 February 2009 Study Group 17 meeting
  - Further consider IdM/NGN directory requirements
  - Further consider the need for extension to X.500-series with regard to Question 10/17 work on X.EVcert
  - Progress work on new amendments to X.500-series Recommendations
  - Consider what new work is needed based on the results of recent IETF meetings
  - Consider any received defect reports and progress any necessary technical corrigenda, including updates to the Directory Implementers' Guide
  - Review the web-based application for the Directory Implementers' Guide
  - Consider efficient collaboration with other bodies including ISO/IEC JTC 1/SCs 6 and 27, IETF, CA/Browser Forum 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
- **Question 12/17 – Abstract Syntax Notation One (ASN.1), Object Identifiers (OIDs) and associated registration**
  - Responsible for X.660, X.662, X.665, X.666, X.667, X.668, X.669, X.670, X.671, 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 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 February 2009 Study Group 17 meeting
  - Progress work on draft new Recommendation X.oid-res, OID resolver system
  - Assist Q.13/17 in the development of draft Recommendation X.uml-asn1 on UML profile for ASN.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 the collaboration status with ISO/IEC JTC 1/SC 31 and with the management group of the MoU between ISO, IEC, UNECE, ITU and others on e-business
  - 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
  - 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**
  - Responsible for 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.104, Z.105, Z.106, 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.Sup1, Z.Imp100
  - Review results of activities since the February 2009 Study Group 17 meeting

#### **Specification and Description Language**

- Finalize work and achieve *consent* on draft new and revised Recommendations on SDL-2008:
  - Z.100 (revised), Overview of SDL-2008
  - Z.101 (new), Basic SDL-2008
  - Z.102 (new), Comprehensive SDL-2008
  - Z.103 (new), Shorthand notation and annotation in SDL-2008
  - Z.104 (revised), Data and action language in SDL-2008
  - Z.105 (revised), SDL-2008 combined with ASN.1 modules
  - Z.106 (revised), Common interchange format (CIF) for SDL-2008

- Finalize work and *approve* Z.Imp100 (revised), SDL Implementers' Guide, version 2.0.0 for SDL-2008

### **Message Sequence Chart**

- Progress work on draft revised Recommendation Z.120, Message sequence chart (MSC), and (if needed) Z.121
- Finalize work and *approve* Z.120, Amendment 1 (revised), Appendix I, Application of MSCs

### **User Requirements Notation**

- Progress work on draft revised Recommendations:
  - Z.150, Language requirements and framework
  - Z.151, Language definition
- Progress work on draft new Recommendation Z.urn-ma, Methodological approach

### **Framework and profiles for Unified Modelling Language**

- Progress work on draft Recommendations:
  - Z.109 (revised), SDL-2008 combined with UML
  - Z.uml-msc, UML profile for MSC
  - Z.uml-urn, UML profile for URN
- Decision whether to proceed with draft new Recommendations:
  - X.uml-asn1, UML profile for ASN.1
  - Z.uml-ttcn, UML profile for TTCN
- Progress work on Z.Sup1 (revised, renumbered from Z.100 Sup.1), Supplement on methodology on the use of description techniques

### **Open Distributed Processing**

- Finalize work and achieve *consent* on:
  - draft Technical Corrigendum 1 to Recommendation X.906
  - X.902, Reference model: Foundation
  - X.903, Reference model: Architecture
- Progress the work on draft revised Recommendations:
  - X.901, Reference model: Overview
  - X.904, Reference model: Architectural semantics
- 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 Question 18/13 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
  - 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 14/17 - Testing languages, methodologies and framework**
    - Responsible for X.290, X.291, X.292, X.293, X.294, X.295, X.296, Z.161, Z.162, Z.163, Z.164, Z.165, Z.166, Z.167, Z.168, Z.169, Z.170, Z.500, X.Sup4 and X.Sup5



- Provide guidance to TSAG and study groups on how ITU could strengthen its role in conformance testing and interoperability testing
- Finalize work and achieve *consent* on draft revised Recommendations of the Testing and Test Control Notation version 3 (TTCN-3) series:
  - Z.161, TTCN-3 core language
  - Z.164, TTCN-3 operational semantics
  - Z.165, TTCN-3 runtime interface (TRI)
  - Z.166, TTCN-3 control interface (TCI)
  - Z.167, TTCN-3 mapping from ASN.1
  - Z.169, TTCN-3 mapping from XML data definition
- Assist Q.13/17 in the development of draft new Recommendation Z.uml-ttcn on UML profile for TTCN
- Consider any work in relation with ETSI TPlan
- Address any coordination issues from JCA-CIT and identify any issues to report to JCA-CIT
- 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
- Update summaries of draft revised and new Recommendations
- Update the action plan
- 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
- Provide concise summary of achievements for inclusion in SG 17 report to relevant entities
- **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.217bis, X.218, X.219, X.220, X.222, X.223, X.224, X.225, X.226, X.227, X.227bis, X.228, X.229, X.233, X.234, X.235, X.236, X.237, X.237bis, 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



ANNEX 3  
(to TSB Collective letter 2/17)

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SG/WP meeting ----- from ----- to ----- in Geneva

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ANNEX 4  
(to TSB Collective letter 2/17)



ITU-T Study Group 17 meeting  
Geneva, Switzerland, 16-25 September 2009



Please return to:

ITU/BDT  
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E-mail : [bdtfellowships@itu.int](mailto:bdtfellowships@itu.int)

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**Request for a partial fellowship to be submitted before 16 August 2009**

Participation of women is  
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Country: \_\_\_\_\_

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**PASSPORT INFORMATION :**

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Nationality: \_\_\_\_\_ Passport number: \_\_\_\_\_

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**CONDITIONS (Please select your preference in "condition" 2 below)**

1. One **partial** fellowship per eligible country.
2. ITU will cover either one of the following:
  - ☐ **Economy class air ticket (duty station / Geneva / duty station).**
  - ☐ **Daily subsistence allowance intended to cover accommodation, meals & misc. expenses.**
3. It is imperative that fellows be present from the first day to the end of the meeting.

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.**

Signature

Date