Telecommunications and Information Exchange Between Systems

ISO/IEC JTC 1/SC 6

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Source: ITU-T SG 17 Liaison Officer to ISO/IEC JTC 1/SC 6 (Olivier Dubuisson)
Title: Report of September 2009 ITU-T Study Group 17 meeting

1. Telecommunication Standardization Advisory Group (TSAG)

The revised guide for ITU-T and ISO/IEC JTC 1 cooperation (Annex A to Recommendation ITU-T A.23 | previously annex K of the JTC 1 directives) is currently under TAP (Traditional Approval Process) consultation among ITU Member States and is planned for approval at the February 2010 meeting of TSAG.

The draft revised text retains all the basic principles in the current guide while updating the text to take into account changes in both organizations since late 2001. The most significant changes are closer alignment of the JTC 1 procedures to those in common between ISO and IEC, reference to the revised procedures in the ITU-T and consideration of the common patent policy for ITU-T/ITU-R/ISO/IEC adopted in 2006.

2. Work achieved at the last meeting of SG 17

The last meeting of Study Group 17 was held 16-25 September 2009 in Geneva, Switzerland.

During the SG 17 meeting, collaborative meetings with SC 6 were held as follows:
- Question 6/17 met collaboratively with SC 6/WG 7 to progress work on USN security;
- Question 11/17 met collaboratively with SC 6/WG 8 to progress work on Directory;
- Question 12/17 met collaboratively with SC 6/WG 9 to progress work on ASN.1 and registration authorities.

In a view to discuss whether SG 17 shall begin to work in new application areas in the future, it was decided to create the following correspondence groups that will report to SG 17 by end of February 2010:
- Correspondence group on ITU-T cloud computing security activity:
    o Co-conveners: Tony Rutkowski, Heung Youl Youm and Abbie Barbir
- Correspondence group on e-Health security activity:
    o Co-conveners: Heung Youl Youm and Abbie Barbir
- Correspondence group on ITU-T SmartGrid security activity:
    o Co-conveners: Koji Nakao, Tony Rutkowski and Gregg Schudel.

Annex 2 gives the complete list of actions taken on Recommendations and other texts at the last meeting of SG 17 (September 2009).

Annex 3 gives the complete list of actions planned to be taken on Recommendations and other texts at the next meeting of SG 17 (April 2010).

Annex 4 gives the list of draft Recommendations (and their summary) that SG 17 is currently working on for approval in the 2009-2012 study period

4. Liaison officers from SG 17 to SC 6

The following table provides the current names and responsibilities for SG 17 Liaison officers to ISO/IEC JTC 1/SC 6:

Position	Name
SG 17 Liaison officer	Olivier Dubuisson (France Telecom Orange, France
SG 17 Liaison officer for USN security	Heung Youl Youm (SCH Univ., Korea)

This information is updated at http://www.itu.int/ITU-T/studygroups/com17/refdocs/relationships.html

5. Next meetings of SG 17

The provisional plan for the next meetings of Study Group 17 in 2010 and 2011 are:
- 7-16 April 2010 in Geneva;
- 8-17 December 2010 in Geneva;
- 11-20 April 2011 in Geneva;
- 24 August – 2 September 2011 in Geneva.

6. Annexes

Annex 1 gives the ITU-T Study Group 17 structure;

Annex 2 gives the complete list of actions taken on Recommendations and other texts at the last closing plenary of SG 17.

Annex 3 gives the complete list of actions planned to be taken at the next closing plenary of SG 17.

Annex 4 gives the list of draft Recommendations (and their summary) that SG 17 is currently working on for approval in the 2009-2012 study period.

ANNEX 1

Study Group 17 structure for the 2009-2012 study period

WP 1/17, Network and information security:

Q.1/17	Telecommunications systems security project
Q.2/17	Security architecture and framework
Q.3/17	Telecommunications information security management
Q.4/17	Cybersecurity
Q.5/17	Countering spam by technical means

WP 2/17, Application security:

Q.6/17	Security aspects of ubiquitous telecommunication services
Q.7/17	Secure application services
Q.8/17	Service oriented architecture security
Q.9/17	Telebiometrics

WP 3/17, Identity management and languages:

Q.10/17	Identity management architecture and mechanisms
Q.11/17	Directory services, Directory systems, and public-key/attribute certificates
Q.12/17	Abstract Syntax Notation One (ASN.1), Object Identifiers (OIDs) and associated registration
Q.13/17	Formal languages and telecommunication software
Q.14/17	Testing languages, methodologies and framework
Q.15/17	Open Systems Interconnection (OSI)

ANNEX 2

Actions taken on Recommendations and other texts at the September 2009 SG 17 meeting

Once published, these Recommendations can be freely downloaded from
http://www.itu.int/rec/T-REC/e

Recommendations approved (TAP – Resolution 1)

Q.	No.	Title
10	X.1250 (X.imdreq)	Baseline capabilities for enhanced global identity management and interoperability
10	X.1251 (X.idif)	A framework for user control of digital identity

Recommendations determined (TAP – Resolution 1)

Q.	No.	Title
10	X.1252 (X.idmdef)	Baseline identity management terms and definitions
10	X.1275 (X.rfpg)	Guidelines on protection of personally identifiable information in the application of RFID technology

Recommendations approved (AAP – Recommendation UIT-T A.8)

Q.	No.	Title	Equivalent e.g., ISO/ IEC
9	X.1081, Amd.1	The telebiometric multimodal model – A framework for the specification of security and safety aspects of telebiometrics - Amendment 1: Object identifier assignments under the Telebiometrics arc	
9	X.1082, Amd.1	Telebiometrics related to human physiology – Amendment 1: Object identifier assignments under the Telebiometrics arc	IEC 80000-14, Amd.1
13	X.902 (revised)	Information technology – Open distributed processing – Reference model: Foundations	ISO/IEC 10746-2
13	X.903 (revised)	Information technology – Open distributed processing – Reference model: Architecture	ISO/IEC 10746-3
13	X.906, Cor.1	Information technology – Open distributed processing - Use of UML for ODP system specification – Technical Corrigendum 1	ISO/IEC 19783-6, Cor.1

Supplements approved

Q.	No.	Title
5	X.Sup.6 (revised)	ITU-T X.1240 series - Supplement on countering spam and associated threats

Q.	No.	Title
9	X.1081 Amd.2*	The telebiometric multimodal model – A framework for the specification of security and safety aspects of telebiometrics - Amendment 2: Appendix V, Hierarchy theory principles
13	Z.120, Amd.1 (revised)**	Message sequence chart (MSC) – Amendment 1: Appendix I, Application of MSC

* X.1081 Amd.2 will be merged with X.1081 Amd.1 prior to final publication.

** This is published as Amendment 2 that cancels and replaces Amendment 1 (09/08).

ANNEX 3

Planned Actions on Recommendations and other texts at the April 2010 SG 17 plenary

Recommendations and other texts planned for approval at the April 2010 SG 17 meeting

Q.	Acronym	Title	Equivalent e.g., ISO/ IEC
10	X.1252*	Baseline identity management terms and definitions	
10	X.1275*	Guidelines on protection of personally identifiable information in the application of RFID technology	
13	Z.Imp100 (revised)	Specification and description language Implementers' Guide – Version 2.0.0	

*under TAP

Recommendations planned for consent or determination* at the April 2010 SG 17 meeting

Q.	Acronym	Title	Equivalent e.g., ISO/ IEC
2	X.interfaces*	Architecture of external interrelations for a telecommunication network security system	
4	X.cve*	Common vulnerabilities and exposures	
4	X.cvss*	Common vulnerability scoring system	
4	X.cybex*	Cybersecurity information exchange framework	
4	X.sisfreq*	Use cases and capabilities for cybersecurity information sharing and exchange	
5	X.fcsip*	Framework for countering spam in IP-based multimedia applications	
5	X.tcs-1*	Interactive gateway system for countering spam	
6	X.mcsec-1	Security requirement and framework for multicast communication	
7	X.1141, Amd.1	Security Assertion Markup Language (SAML 2.0) - Amendment 1: Errata	OASIS SAML 2.0 errata
7	X.1142, Amd.1	eXtensible Access Control Markup Language (XACML 2.0) - Amendment 1: Errata	OASIS XACML 2.0 errata
9	X.1081, Amd.3	The telebiometric multimodal model – A framework for the specification of security and safety aspects of telebiometrics – Amendment 3: Enhancement to support ISO/IEC 80000-series	
9	X.1082, Amd.2	Telebiometrics related to human physiology – Amendment 2: Enhancement to support ISO/IEC 80000-series	IEC 8000-14, Amd.2
11	E.115 (revised)	Computerized directory assistance	
12	X.oid-res	Information technology – Object identifier resolution system	ISO/IEC 29168
13	Z.100 (revised)	Specification and description language: Overview of SDL-2010	
13	Z.101	Specification and description language: Basic SDL-2010	
13	Z.102	Specification and description language: Comprehensive SDL-2010	
13	Z.103	Specification and description language: Shorthand notation and annotation in SDL-2010	

Q.	Acronym	Title	Equivalent e.g., ISO/ IEC
13	Z.104 (revised)	Specification and description language: Data and action language in SDL-2010	
13	Z.105 (revised)	Specification and description language: SDL-2010 combined with ASN.1 modules	
13	Z.106 (revised)	Specification and description language: Common interchange format (CIF) for SDL-2010	
14	Z.161 (revised)	Testing and Test Control Notation version 3: TTCN-3 core language	ETSI ES 201 873-1
14	Z.164 (revised)	Testing and Test Control Notation version 3: TTCN-3 operational semantics	ETSI ES 201 873-4
14	Z.165 (revised)	Testing and Test Control Notation version 3: TTCN-3 runtime interface (TRI)	ETSI ES 201 873-5
14	Z.166 (revised)	Testing and Test Control Notation version 3: TTCN-3 control interface (TCI)	ETSI ES 201 873-6
14	Z.167 (revised)	Testing and Test Control Notation version 3: TTCN-3 mapping from ASN.1	ETSI ES 201 873-7
14	Z.168 (revised)	Testing and Test Control Notation version 3: TTCN-3 mapping from CORBA IDL	ETSI ES 201 873-8
14	Z.169 (revised)	Testing and Test Control Notation version 3: TTCN-3 mapping from XML data definition	ETSI ES 201 873-9

*marked Recommendations are for determination

ANNEX 4

Summaries for work items under development in Study Group 17

The complete current work programme of SG 17 together with the **summaries of Recommendations under development** is available at: http://www.itu.int/oth/T0A0D00000D/en Only the Recommendations developed jointly with SC 6 are listed below.

Q.	Acronym	Title	Equivalent e.g., ISO/IEC	Timing
11	X.500 (revised)	Information technology – Open Systems Interconnection – The Directory: Overview of concepts, models and services	ISO/IEC 9594-1	2012
11	X.501 (revised)	Information technology – Open Systems Interconnection – The Directory: Models	ISO/IEC 9594-2	2012
11	X.509 (revised)	Information technology – Open Systems Interconnection – The Directory: Public-key and attribute certificate frameworks	ISO/IEC 9594-8	2012
11	X.511 (revised)	Information technology – Open Systems Interconnection – The Directory: Abstract service definition	ISO/IEC 9594-3	2012
11	X.518 (revised)	Information technology – Open Systems Interconnection – The Directory: Procedures for distributed operation	ISO/IEC 9594-4	2012
11	X.519 (revised)	Information technology – Open Systems Interconnection – The Directory: Protocol specifications	ISO/IEC 9594-5	2012
11	X.520 (revised)	Information technology – Open Systems Interconnection – The Directory: Selected attribute types	ISO/IEC 9594-6	2012
11	X.521 (revised)	Information technology – Open Systems Interconnection – The Directory: Selected object classes	ISO/IEC 9594-7	2012
11	X.525 (revised)	Information technology – Open Systems Interconnection – The Directory: Replication	ISO/IEC 9594-9	2012
11	X.530 (revised)	Information technology – Open Systems Interconnection – The Directory: Use of systems management for administration of the Directory	ISO/IEC 9594-10	2012
12	X.oid-res	Information technology – Object identifier resolution system	ISO/IEC 29168	2010-04

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