

REPLACES:**ISO/IEC JTC 1/SC 27****Information technology - Security techniques****Secretariat: DIN, Germany**

DOC TYPE: Outgoing Liaison Statement

TITLE: ISO/IEC JTC 1/SC 27 Liaison Statement to ITU-T JCA-Cloud

SOURCE: SC 27 Secretariat

DATE: 2012-10-30

PROJECT: Study Period to Cloud Computing Security and Privacy
Study Period on Cloud Computing Security Technologies
ISO/IEC 27036 – Information Security for Supplier Relationships
WG 5 – Identity Management, Privacy Technology, and Biometrics

STATUS: As per Resolution 26 (contained in SC 27 N11900) of the 45th SC 27 WG 1 plenary meeting, Resolution 24 (contained in SC 27 N11941) of the 13th SC 27 WG 4 plenary meeting and Resolution 19 (contained in SC 27 N11701) of the 14th SC 27 WG 5 plenary meeting, all held in Rome, Italy, 26th October 2012, this document has been sent to ITU-T JCA-Cloud. This document is circulated within SC 27 for information.

ACTION ID: Info

DUE DATE:

DISTRIBUTION: P-, O, and L-Members
W. Fumy, SC 27 Chairman
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MEDIUM: <http://isotc.iso.org/livelink/livelink/open/jtc1sc27>

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1. Study Period on Cloud Computing Security and Privacy

ISO/IEC JTC 1/SC 27 welcomes the close working relationship with ITU-T JCA-Cloud working on the security and privacy aspects of Cloud Computing standards. SC 27 would like to thank ITU-T JCA-Cloud for the liaison presentation SC 27 N11474 held by your liaison officer Koji Nakao at the Special SP Meeting on Cloud Computing Security and Privacy (CCSP) in Rome, Italy on 21st October 2012.

SC 27 wishes to inform ITU-T JCA-Cloud of the output of its recent WG meetings held in Rome, Italy from 21st – 26th October 2012.

SC 27 intends to establish a coordination group consisting of SC 27 liaison officers and SC 27 project editors pertaining to Cloud Computing to address the challenges of cloud computing and to draft use cases which may then be used to develop a joint text between ISO/IEC JTC 1 SC 27 [ISO/IEC 27017] and ITU-T SG 17 [X.ccsec] as an international standard which addresses the security and privacy aspects of Cloud Computing.

SC 27 has undertaken to use the terms, definitions and reference architecture as appropriate from ITU-T SG 13/SC 38 Common Text projects ISO/IEC 17788 (X.ccdef) and ISO/IEC 17789 (X.ccra) once these have been declared stable enough.

SC 27 is currently developing Cloud Computing security and privacy projects in the following three areas:

- security controls in ISO/IEC JTC 1/SC 27/WG 1 (ISO/IEC 27017)
- data protection in ISO/IEC JTC 1/SC 27/WG 5 (ISO/IEC 27018)
- supply chain planning in ISO/IEC JTC 1/SC 27/WG 4 (ISO/IEC 27036)

Especially regarding ISO/IEC 27017, SC 27/WG 1 agrees to jointly develop a common text with ITU-T SG 17 and nominates Koji Nakao as the ITU-T co-editor of ISO/IEC 27017.

SC 27 WG 4 has extended its study period on Cloud Computing Technologies and welcomes further contributions.

SC 27 welcomes further contributions from ITU-T JCA-Cloud regarding any of its projects, including Cloud Computing specific requirements for ISO/IEC 27017, 27018 and 27036. Especially SC 27 welcomes contributions on the use of the term “services” in the context of Cloud Computing. In return SC 27 will continue to input contributions to projects in ITU-T JCA-Cloud.

2. Study Period on Cloud Computing Security Technologies

WG 4 is extending the Study Period on Cloud Computing Security Technologies to investigate possible work on virtualization security, Security as a Service, and integrating Cloud Computing into existing projects on Storage, Incident Management, Forensics, Supplier Relationships, and Disaster Recovery. WG 4 welcomes contributions to this study period.

3. ISO/IEC 27036 – Information Security for Supplier Relationships

WG 4 would like to inform ITU-T JCA-Cloud about the development of ISO/IEC 27036 — Information technology — Security techniques — Information security for supplier relationships, which consists of the following parts:

- Part 1 – Overview and Concepts
- Part 2 – Requirements (*)
- Part 3 – ICT Supply Chain Security
- Part 4 – Guidelines for Security of Cloud Services

(*) Change of the title subject to endorsement by ISO/IEC JTC1.

WG 4 has reviewed all comments received and has resolved to advance parts 1, 2, and 3 to DIS. Prior to this meeting, ISO/IEC 27036-4 was reserved for a document to address information security aspects of outsourcing. However, since there was neither document nor any development effort on this part, WG 4 decided to restructure the standard to remove Part 4 on outsourcing, and renumber Part 5 to Part 4. ISO/IEC 27036-4 will be published as the first Working Draft in advance of the next ISO/IEC JTC 1/SC 27 meeting.

The revised documents are attached for ITU-T JCA-Cloud reference and review. WG 4 would appreciate it if ITU-T JCA-Cloud could provide appropriate input and comments on this revision and provide continuing updates to WG 4 on the development of its current and new projects.

4. WG 5 – Identity Management, Privacy Technology, and Biometrics

ISO/IEC JTC 1/SC 27/WG 5 would like to thank ITU-T JCA Cloud for their continued interest in the work of WG 5. WG 5 further welcomes the efforts of ITU-T JCA-Cloud towards creating a Cloud Computing standards roadmap, which should become a valuable resource. SG 5 would like to encourage ITU-T JCA-Cloud to take into account the title and scope of ISO/IEC 27018 for this roadmap.

The next meeting of WG 5 is scheduled in April 2013 in Sophia-Antipolis, France. WG 5 would welcome comments and contributions to be submitted by 15th of March 2013.

Below is a short summary on the status of the different projects; the respective new documents will be provided upon their availability.

5. WG 5 – Current Projects

ITU-T X.bhsm I ISO/IEC 17922 - Telebiometric authentication framework using biometric hardware security module has been accepted by ISO/IEC JTC 1/SC 27 as common text project with ITU-T, and remains on WD status.

ISO/IEC 24745 - Biometric Information Protection has been published as IS (International Standard) in 2011-06-15.

ISO/IEC 24760 - A framework for identity management. Part 1 "Terminology and Concepts" has been published on 2011-12-15. Part 2 "Reference architecture and requirements" has been progressed to CD (Committee Draft), and Part 3 "Practice" will be further circulated as WD (Working Draft).

ISO/IEC 24761 - Authentication context for biometrics a technical corrigendum has been agreed upon and will be published.

ISO/IEC 27018 - Code of practice for data protection controls for public cloud computing services remains on WD status.

ISO/IEC 29003 - Identity proofing will be circulated as first WD.

ISO/IEC 29100 - Privacy framework has been published on 2011-12-15.

ISO/IEC 29101 - Privacy Architecture Framework will be submitted for a DIS (Draft International Standard) ballot.

ISO/IEC 29115 I X.1254 - Entity Authentication Assurance Framework will be submitted for an FDIS (Final Draft International Standard) ballot.

ISO/IEC 29134 - Privacy Impact Assessment will be circulated as first WD.

ISO/IEC 29146 - A Framework for Access Management remains on WD status.

ISO/IEC 29190 - Privacy Capability Assessment Model remains on WD status.

ISO/IEC 29191 - Requirements for partially anonymous, partially unlinkable authentication will be published as IS.

ISO/IEC JTC 1/SC 27/WG 5 SD1 Roadmap will be updated reflecting recent changes in projects' status.

ISO/IEC JTC 1/SC 27/WG 5 SD2 – Part 1: Privacy References List is available via the website of JTC 1/SC 27 and will be further updated upon NB contributions.

ISO/IEC JTC 1/SC 27/WG 5 SD3 Harmonized Vocabulary Effort will be updated upon NB comments.

6. WG 5 – Study Periods and New Projects

NWIP on Code of Practice for the protection of Personally Identifiable Information. A New Work Item Proposal on Code of Practice for the protection of Personally Identifiable Information has been initiated.

SP on documentation of data deletion principles for personally identifiable information in organizations has been extended for another six months.

SP on Privacy Impact Assessment has been extended for another six months.

SP on Privacy Seals. A study period (SP) on Privacy seals will be continued jointly with ISO/IEC JTC 1/SC 27/WG 3 for another six months.

SP on security evaluation of anti spoofing techniques for biometrics will be continued jointly with ISO/IEC JTC 1/SC 27/WG 3 for another six months.

7. Future Meetings

The future meeting schedule for SC 27 Working Groups is:

- a) Sophia Antipolis, France – 22nd – 26th April 2013
- b) Songdo, Korea, 21st – 25th October 2013
- c) Hong Kong – 7th – 11th April 2014

All SC 27 Working Groups simultaneously meet at the same location.

ISO/IEC JTC 1/SC 27 respectfully requests that these comments or reports are received by the SC 27 Secretariat at least two weeks before each SC 27 meeting, in order to allow timely distribution to SC 27 experts.

8. Attachments

- a) ISO/IEC DIS 27036-1
- b) ISO/IEC DIS 27036-2
- c) ISO/IEC DIS 27036-3
- d) ISO/IEC 1st WD 27036-4