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ISO/IEC JTC 1/SC 27/WG 1 **N112519**

ISO/IEC JTC 1/SC 27/WG 4 **N412519**

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REPLACES:

ISO/IEC JTC 1/SC 27

Information technology - Security techniques

Secretariat: DIN, Germany

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**TITLE:** ISO/IEC JTC 1 SC27 Liaison Statement to ITU-T JCA-Cloud

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**PROJECT:** Cloud Computing Security and Privacy  
ISO/IEC 27017, ISO/IEC 27018, ISO/IEC 27036  
Incident and Event Management  
Cloud Security Technology Standards  
Information security for supplier relationships  
Storage security  
Electronic Discovery  
Intrusion detection and prevention systems

**STATUS:** As per resolution 19 (contained in SC 27 N12739) of the 25<sup>th</sup> SC 27 plenary meeting, held in Sophia Antipolis, France, 29<sup>th</sup> – 30<sup>th</sup> April 2013, this document has been sent to ITU-T JCA-Cloud.

**ACTION ID:** Info

**DUE DATE:**

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

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### **Cloud Computing Security and Privacy (Joint SC 27/WG 1, WG 4, WG 5)**

ISO/IEC JTC 1/SC 27 would like to thank ITU-T JCA-Cloud for their continued contributions and welcomes the close working relationship and project collaboration with ITU-T JCA-Cloud to work on the security and privacy aspects of cloud computing standards.

ISO/IEC JTC 1/SC 27 wishes to inform ITU-T JCA-Cloud of the output of its recent WG meetings held in Sophia Antipolis, France from 22<sup>st</sup> – 26<sup>th</sup> April 2013.

SC27 established 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.

ISO/IEC JTC 1/SC 27 is currently developing Cloud Computing security and privacy projects in the following three areas:

- a) security controls in ISO/IEC JTC 1/SC 27/WG 1 (ISO/IEC 27017)
- b) data protection in ISO/IEC JTC 1/SC 27/WG 5 (ISO/IEC 27018)
- c) supply chain planning in ISO/IEC JTC1/SC 27/WG 4 (ISO/IEC 27036)

ISO/IEC JTC 1/SC 27 welcomes further contributions from ITU-T JCA-Cloud regarding any of its projects, including Cloud Computing specific requirements for ISO/IEC 27017, ISO/IEC 27018 and ISO/IEC 27036.

#### **1. ISO/IEC 27017**

SC27/WG1 would like to update ITU-T JCA-Cloud that it has addressed all National Body and Liaison Organisation comments at the meeting in Sophia Antipolis. The following is the current agreed development schedule ISO/IEC 27017:

- 5<sup>th</sup> WD 04/2013
- 1<sup>st</sup> CD 10/2013
- 2<sup>nd</sup> CD 04/2014
- DIS 10/2014
- FDIS 04/2015
- IS 10/2015

SC27/WG1 has attached the 5<sup>th</sup> WD of ISO/IEC 27017 for review and comment by 11<sup>th</sup> June 2013. Contributions from ITU-T JCA-Cloud received by 11<sup>th</sup> September 2013 will be addressed at the next WG1 meeting in Songdo, 21-25<sup>th</sup> October 2013.

#### **2. ISO/IEC 27018 - Code of practice for data protection controls for public cloud computing services**

SC 27/WG 5 addressed all comments by providing Disposition of Comments at the meeting in Sophia Antipolis. This included the Committee Draft (CD) document on Cloud Computing Vocabulary (SC 27 N12055) provided by CT-CCVOCAB through the SC38 Liaison Officer. The objective to align the terms provided in the CCVOCAB document with ISO/IEC 27018 2<sup>nd</sup> WD could be achieved. SC 27 / WG 5 expects ISO/IEC 27018 2<sup>nd</sup> WD going out for 1<sup>st</sup> CD close after the Sophia Antipolis meeting.

SC 27/WG 5 requests ITU-T JCA-Cloud to review the updated document on ISO/IEC 27018 and provide feedback as an on time contribution before the Songdo meeting in Korea.

#### **3. WG 4 Projects**

ISO/IEC JTC 1/SC 27/WG 4 would like to inform ITU-T JCA-Cloud about the development of

- ISO/IEC 27035-1 – Information technology – Security techniques – Principles of Incident Management
- ISO/IEC 27035-2– Information technology – Security techniques – Guidelines to plan and prepare for incident response
- ISO/IEC 27035-3 – Information technology – Security techniques – Guidelines for incident response operations
- ISO/IEC 27044 – Information technology – Security techniques – Guidelines for security information and event management (SIEM)

WG 4 has reviewed all comments received and has resolved to advance all three parts for 27035 to 3rd Working Draft. These documents were previously one document, which due to a previous resolution was restructured. The editors are working to harmonize and align the documents and edit their content with input from National Bodies and experts.

WG 4 has also reviewed all comments received for ISO/IEC 27044 and has resolved to advance ISO/IEC 27044 to 2<sup>nd</sup> Working Draft.

#### **4. Cloud Security Technology Standards**

SC 27/WG 4 reviewed all the contributions received from National Bodies and liaison organizations during the study period on cloud security technology standards. It was determined that the study period will be extended by 6 months for continued study of potential new work on Cloud Computing Security Technologies.

#### **5. Information security for supplier relationships**

SC 27/WG 4 addressed all comments by providing Disposition of Comments at the meeting in Sophia Antipolis. This included the Committee Draft (CD) document on Cloud Computing Vocabulary (SC 27 N12055) provided by CT-CCVOCAB through the SC 38 Liaison Officer. The objective to align the terms provided in the CCVOCAB document with ISO/IEC 27036-4 1<sup>st</sup> WD could be achieved. SC 27 / WG 4 expects ISO/IEC 27036-4 1<sup>st</sup> WD to be revised and sent as the 2<sup>nd</sup> WD after the Sophia Antipolis meeting.

#### **6. Storage security**

ISO/IEC JTC 1/SC 27/WG 4 would like to inform ITU-T JCA-Cloud about the development of

- ISO/IEC 27040 – Information technology – Security techniques – Storage security

WG4 has reviewed all of the comments received and has resolved to produce the 3<sup>rd</sup> Committee Draft.

#### **7. Electronic Discovery**

ISO/IEC JTC 1/SC 27/WG 4 would like to inform ITU-T JCA-Cloud about the development of

- ISO/IEC 27050 – Information technology – Security techniques – Electronic discovery

WG4 has reviewed all of the comments received during the NWIP ballot and has resolved to produce the 1<sup>st</sup> Working Draft. In addition, both the editor, Eric Hibbard (US) and the co-editor, Angus Marshall (GB) were appointed for this project.

#### **8. Intrusion detection and prevention systems**

ISO/IEC JTC 1/SC 27/WG 4 would like to inform ITU-T JCA-Cloud about the development of

- ISO/IEC 27039 – Information technology – Security techniques – Guidelines for intrusion detection and prevention systems (IDPS)

WG 4 has reviewed all comments received and has resolved to advance to Draft International Standard (DIS) status.

WG 4 would appreciate any updates, contributions and comments that may apply to all the above-mentioned projects. WG 4 would welcome any exchange of information and, where appropriate, joint collaborative work on these projects with ITU-T JCA-Cloud. The revised documents are attached for your reference and review.

## **9. Identity Management, Privacy Technology, and Biometrics**

ISO/IEC JTC 1/SC 27/WG 5 would like to thank JCA Cloud for their continued interest in the work of WG 5.

Below is a short summary on the status of the different projects; the respective new documents will be provided upon their availability. The next meeting of WG 5 is scheduled 21st to 25th October 2013 in Incheon, Korea. WG 5 would welcome comments and contributions to be submitted by 15th of September 2013.

**X.1085 | 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 (Working Draft) 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, and is available at no cost. Part 2 "Reference architecture and requirements" remains on CD (Committee Draft) status, and Part 3 "Practice" will be further circulated as WD.

**ISO/IEC 24761 - Authentication context for biometrics:** A technical corrigendum has been agreed upon and has been published on 2013-03-04.

**ISO/IEC 27018 - Code of practice for data protection controls for public cloud computing services** has been progressed to CD status.

**ISO/IEC 29003 - Identity Proofing** remains on WD status.

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

**ISO/IEC 29101 - Privacy Architecture Framework** will be submitted for an FDIS (Final Draft International Standard) ballot.

**ISO/IEC 29115 - Entity Authentication Assurance Framework** has been published on 2013-04-01.

**ISO/IEC 29134 - Privacy Impact Assessment** remains on WD status.

**ISO/IEC 29146 - A Framework for Access Management** has been progressed to CD status.

**ISO/IEC 29151 - Code of practice for the protection of personally identifiable information** will be circulated as first WD.

**ISO/IEC 29190 - Privacy Capability Assessment Model** has been progressed to CD status.

**ISO/IEC 29191 - Requirements for partially anonymous, partially unlinkable authentication** has been published as IS on 2012-11-15.

## **10. WG 5 Standing documents (SD)**

**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 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 circulated for NB comments.

**ISO/IEC JTC 1/SC 27/WG 5 SD4 Standards Privacy Assessment** is being created and will be circulated for NB comments.

**11. WG 5 Study periods (SP):**

**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.

**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.

**12. Future Meetings**

The future meeting schedule for SC 27 Working Groups is:

- a) Songdo, Korea – 21-25 October, 2013
- b) Hong Kong – 07-11 April, 2014

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

SC 27 welcomes any contributions and/or comments that ITU-T JCA-Cloud might have on any of its projects to the next SC 27 Working Group meetings in October 2013.

SC27 respectfully requests that these comments or reports are received by the SC 27 Secretariat at least four weeks before each SC 27 meeting, in order to allow advance distribution to SC 27 Experts.

**13. Attachments**

- a) ISO/IEC 27035-1, 3<sup>rd</sup> WD
- b) ISO/IEC 27035-2, 3<sup>rd</sup> WD
- c) ISO/IEC 27035-3, 3<sup>rd</sup> WD
- d) ISO/IEC 27044, 2<sup>nd</sup> WD
- e) Report of the Study Period on Cloud Security Technology Standards
- f) ISO/IEC 27036-4, 2<sup>nd</sup> WD
- g) ISO/IEC 27040, 3<sup>rd</sup> CD
- h) ISO/IEC 27050, 1<sup>st</sup> WD
- i) ISO/IEC 27039, DIS