

ISO/IEC JTC 1/WG 7
Working Group on Sensor Networks

Document Number:	N057
Date:	2010-07-05
Replace:	
Document Type:	Liaison Organization Contribution
Document Title:	Liaison Statement from JTC 1/SC 27 to JTC 1/WG 7
Document Source:	JTC 1/SC 27
Document Status:	For consideration at the 2 nd WG 7 meeting in US.
Action ID:	FYI
Due Date:	
No. of Pages:	5

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REPLACES: N

ISO/IEC JTC 1/SC 27

Information technology -- Security techniques

Secretariat: DIN, Germany

DOC TYPE: liaison statement

TITLE: ISO/IEC JTC 1/SC 27 liaison statement to JTC 1/WG 7

SOURCE: 40th ISO/IEC JTC 1/SC 27/WG 2 and 9th ISO/IEC JTC 1/SC 27/WG 5 Meetings (April 2010)

DATE: 2010-04-23

PROJECT: 29192-1/4 of SC 27/WG 2 and 29100, 29101 and others of SC 27/WG 5

STATUS: As per resolution 17 (SC 27 N8789) of the April 2010 SC 27/WG 2 and as per resolution P6 (SC 27 N8828) of the April 2010 SC 27/WG 5 meeting held in Melaka, Malaysia (April 2010) this document has been sent to JTC 1/WG 7.
It is circulated within SC 27 for information

ACTION: FYI

DUE DATE:

DISTRIBUTION: P-, O-Members
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MEDIUM: <http://isotc.iso.org/livelink/livelink/open/jtc1sc27>

NO. OF PAGES: 1 + 3

ISO/IEC JTC 1/SC 27 Liaison Statement to ISO/IEC JTC 1/WG 7

Source: ISO/IEC JTC 1/SC 27/WG 2

Date: 2010-04-23

ISO/IEC JTC 1/SC 27/WG 2 wishes to thank ISO/IEC JTC 1/WG 7 for its liaison statement (JTC 1/WG 7 N025 = SC 27 N8483) containing input on criteria for sensor networks which are important to be considered for the current development of ISO/IEC 29192 Lightweight cryptography.

The criteria regarding Quality of Service (QoS) and latency are important aspects which SC 27/WG 2 intends to include as an informative annex of the 1st CD of ISO/IEC 29192-1. Since the criteria may be applicable to other deployments besides sensor networks, the text will be written to be generic aspects addressing QoS and latency issues in implementation.

SC 27/WG 2 acknowledges the fact that variable security levels are required for lightweight cryptography.

The current draft of part 2 of ISO/IEC 29192 Block ciphers, includes mechanisms with 80-, 128-, 192-, and 256-bit security levels. SC 27/WG 2 believes these levels are sufficient for general purpose lightweight cryptography.

The current draft of ISO/IEC 29192-4: Mechanisms using asymmetric techniques, contains an entity authentication / identification protocol which will be applicable to sensor networks.

ISO/IEC JTC 1/SC 27 Liaison Statement to ISO/IEC JTC 1/WG 7

Source: ISO/IEC JTC 1/SC 27/WG 5

Date: 2010-04-23

ISO/IEC JTC 1/SC 27/WG 5 would like to thank ISO/IEC JTC 1/WG 7 for their continued interest in the work of ISO/IEC JTC 1/SC 27/WG 5.

Below is a short summary of the activities at the recent meeting on the different projects; the respective new documents will be provided upon their availability. The next meeting of ISO/IEC JTC 1/SC 27/WG 5 is scheduled for 4th to 8th of October 2010 in Berlin, Germany. WG 5 would welcome comments and contributions by September 15th.

ISO/IEC CD 29100 – Privacy framework. Based on numerous comments via documents N8675 (National Bodies), N8562 (SC37) and N8563 (TAS3) editing of this project progressed significantly, with an extensive rewrite of clause 4. The work sessions concluded with a discussion about progressing the project to Final Committee Draft (FCD) status, which can now expected to be reached after the Berlin meeting.

ISO/IEC WD 29101 – Privacy reference architecture has made some relevant progress, since 29100, to which this project has a number of dependencies, is nearing a stable status. ISO/IEC JTC 1/SC 27/WG 5 has therefore decided to request progressing 29101 to 1st Committee Draft (CD).

ISO/IEC CD 24760 – A framework for identity management. ISO/IEC JTC 1/SC 27/WG 5 is proposing a subdivision of this project in three parts, namely: Part 1: Terminology and Concepts, Part 2: Reference architecture and requirements, and Part 3: Best practises. The first part is largely based on the more stable parts of the current CD and will go to further CD. For part two an ad-hoc group has been established to support the editors. The latter, as well as Part 3 will be further processed on Working Draft (WD) status.

ISO/IEC WD 29146 – A framework for access management. This project has shown progress in its contents, but further contributions would be appreciated.

ISO/IEC WD 29115 I X.eaa – Entity authentication assurance framework, common text project with ITU-T has been proposed to progress to CD status.

ISO/IEC CD 24745 – Biometric information protection. ISO/IEC JTC 1/SC 27/WG 5 concluded to call for FCD ballot.

ISO/IEC WD 29191 – Requirements on relative anonymity with identity escrow. The content of the project is progressing, with further comments being welcomed.

ISO/IEC WD 29190 – Privacy Capability Maturity Model. WG 5 has proposed a change of the title to Privacy Capability Assessment Model to bring 29190 more in line with existing frameworks set out in ISO 15504 - Information Technology - Process Assessment. Robin Wilton, UK, was proposed Editor for this project.

By the way, actual draft documents of the above were attached to the following eMail. Please refer to them.

Von: Passia, Krystyna
Gesendet: Montag, 1. März 2010 19:37
An: Passia, Krystyna; Jooran Lee
Cc: Rannenberg, Kai; Rannenberg, Kai; Schallaboeck, Jan
Betreff: (Part 2 = WG 5 dox) SC 27 liaison Statement to JTC 1/WG 7

Dear Jooran,

As promised please find attached WG 5 documents.

WG 5 would appreciate very much WG 7 feedback on the attached documents by 1st April 2010.

Many thanks and best regards,

Krystyna
