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|  | **ISO/IEC JTC 1/SC 27 N18820**  **ISO/IEC JTC 1/SC 27/WG 3 N1610** |

**REPLACES:** N

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

**Information technology - Security techniques**

**Secretariat: DIN, Germany**

**DOC TYPE:** Resolutions

**TITLE: Recommendations and Resolutions of the 57th SC 27 WG 3 and Comment Resolution meeting held in Gjøvik, Norway, 30th September – 4th October 2018**

**SOURCE:** 57th SC 27 WG 3 meeting

**DATE:** 2018-10-04

**PROJECT:**

**STATUS:** This document is being circulated for action.

This document was available at the above-mentioned meeting.

**ACTION ID:** FYI

**DUE DATE:**

**DISTRIBUTION:** P, O, L Members

L. Rajchel, JTC 1 Secretariat

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Convenors

**MEDIUM:** http://isotc.iso.org/livelink/livelink/open/jtc1SC 27

**NO. OF PAGES:** 1 + 14

**ISO/IEC JTC 1/SC 27/WG 3 Recommendations and Resolutions**

57th Meeting in Gjøvik, Norway

30th September – 4th October 2018

*All recommendations and resolutions are approved UNANIMOUSLY unless otherwise noted.*

1. Acceptance of minutes

ISO/IEC JTC 1/SC 27/WG 3 resolves to accept the minutes of ISO/IEC JTC 1/SC 27/WG 3 of the 56th meeting in Wuhan, China, 16th – 20th April 2018, in document WG 3 N1558.

1. Appointment of the Drafting Committee

ISO/IEC JTC 1/SC 27/WG 3 resolves to appoint Kwangwoo Lee and Philippe Magnabosco as Drafting Committee of the meetings and instructs them to prepare the draft WG recommendations and resolutions document for WG 3, to be recorded in N18820.

1. Appointment of Acting Liaison Officers

ISO/IEC JTC 1/SC 27/WG 3 appoints the following acting liaison officers through the end of the meeting:

| Liaison Officer | Liaison Institution |
| --- | --- |
| Christian Noetzel | to SC 37 |
| Carolina Lavatelli | to GlobalPlatform |

1. Appointment of new Liaison Representatives

ISO/IEC JTC 1/SC 27/WG 3 appoints the following new liaison representatives:

| Liaison Officer | From | To | Topic |
| --- | --- | --- | --- |
| Kwangwoo Lee | SC 27/WG 3 | The Common Criteria Users Forum (CCUF) | All projects |
| Shaun Gilmore | SC 27/WG 3 | SAFECode | All projects |

1. Appointment of Editors

ISO/IEC JTC 1/SC 27/WG 3 appoints the following editors:

| Editor | Project | Title |
| --- | --- | --- |
| Heebong Choi | 23532-1 | Requirements for the competence of IT security testing and evaluation laboratories – Part 1: Testing and evaluation for ISO/IEC 15408 |
| Randall Easter | 23532-2 | Requirements for the competence of IT security testing and evaluation laboratories – Part 2: Testing for ISO/IEC 19790 |
| Fiona Pattinson  Guillaume Tétu #  Carolina Lavatelli #  Elżbieta Andrukiewicz # | 15408-1 | Evaluation criteria for IT security – Part 1: Introduction and general model |

# co-editor

1. Appointment of Rapporteurs

ISO/IEC JTC 1/SC 27/WG 3 appoints the following rapporteurs:

| Rapporteur | Title |
| --- | --- |
| David Martin  Luc Poulin  Fiona Pattinson #  Christian Noetzel # | Identifying potential overlap and/or re-use between WG3 security assurance standards and other SC27 standards |
| Yan Sun  Claire Vishik #  Marcello Balduccini # \* | Guidelines for ICT Trustworthiness Assessment Framework |

# co-rapporteur

\* subject to NB approval

1. Extension of WG Study Periods

ISO/IEC JTC 1/SC 27/WG 3 requests its Secretariat to take appropriate actions for the extension of the Study Periods listed below for another six-month period.

|  |  |  |
| --- | --- | --- |
| **Document** | **Title** | **Rapporteur** |
| WG 3 N1648 | Guidelines for ICT Trustworthiness Assessment Framework | Yan Sun  Claire Vishik #  Marcello Balduccini # \* |
| WG 3 N1513 | Identifying potential overlap and/or re-use between WG3 security assurance standards and other SC27 standards | David Martin  Luc Poulin  Fiona Pattinson #  Christian Noetzel # |
| WG 3 N1646 | Security properties, test and evaluation guidance for white box cryptography | Sylvain Guilley  Yousung Kang #  Jihoon CHO # |

# co-rapporteur

\* subject to NB approval

1. Termination of WG Study Periods

ISO/IEC JTC 1/SC 27/WG 3 requests its Secretariat to take an appropriate action for the termination of the Study Period listed below.

|  |  |  |
| --- | --- | --- |
| **Document** | **Title** | **Rapporteur** |
| WG 3 N1587 | Introduction of new assurance requirements in ISO/IEC 15408-3 and evaluation methodology in ISO/IEC 18045 covering patch management and deployment activities | François Guérin  Sebastian Fritsch #  Tyrone Stodart # |
| WG 3 N1583 | Security requirements, test and evaluation methods for quantum key distribution | Hongsong Shi  Jiajun Ma  Gaëtan Pradel # |

# co-rapporteur

1. Call for contributions

ISO/IEC JTC 1/SC 27/WG 3 requests its Secretariat to circulate a call for expert participation and contributions for the following study periods. Submissions should reach the Secretariat by the due date identified below.

|  |  |  |  |
| --- | --- | --- | --- |
| **Document** | **Project** | **Title** | **To be sent to/by** |
| WG 3 N1648 | WG 3 Study Period | Guidelines for ICT Trustworthiness Assessment Framework | WG 3 Secr/  2019-02-28 |
| WG 3 N1513 | WG 3 Study Period | Identifying potential overlap and/or re-use between WG3 security assurance standards and other SC27 standards | WG 3 Secr/  2019-02-28 |
| WG 3 N1646 | WG 3 Study Period | Security properties, test and evaluation guidance for white box cryptography | WG 3 Secr/  2019-02-28 |

1. Preparation of Documents

ISO/IEC JTC 1/SC 27/WG 3 requests the editors of the projects listed below to prepare 1st WD for the projects identified.

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Project | Title | Due date |
| WG 3 N1637 | 23532-1 | Requirements for the competence of IT security testing and evaluation laboratories – Part 1: Testing and evaluation for ISO/IEC 15408 | 2018-12-21 |
| WG 3 N1638 | 23532-2 | Requirements for the competence of IT security testing and evaluation laboratories – Part 2: Testing for ISO/IEC 19790 | 2018-12-21 |

1. Updating of documents

ISO/IEC JTC 1/SC 27/WG 3 requests the Project Editors / Co-Editors / Rapporteurs of the projects identified below to update the following drafts and produce Dispositions of Comments in accordance with the instructions decided at the Working Group/editing meetings, and to send these documents to the SC 27 and/or WG 3 Secretariat by the due dates.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Document** | **Project No.** | **Title** | **To be sent to/by** | **DoC  Doc. No.** |
| SC 27 N18803 | 15408-1 | Evaluation criteria for IT security – Part 1: Introduction and general model | SC 27 Secr.  2018-12-21 | SC 27  N18802 |
| SC 27 N18804 | 15408-2 | Evaluation criteria for IT security – Part 2: Security functional components | SC 27 Secr.  2018-12-21 | SC 27  N18802 |
| SC 27 N18805 | 15408-3 | Evaluation criteria for IT security – Part 3: Security assurance components | SC 27 Secr.  2018-12-21 | SC 27  N18802 |
| SC 27 N18806 | 15408-4 | Evaluation criteria for IT security – Part 4: Framework for the specification of evaluation methods and activities | SC 27 Secr.  2018-12-21 | SC 27  N18802 |
| SC 27 N18807 | 15408-5 | Evaluation criteria for IT security – Part 5: Pre-defined packages of security requirements | SC 27 Secr.  2018-12-21 | SC 27  N18802 |
| SC 27 N18808 | 18045 | Methodology for IT security evaluation | SC 27 Secr.  2018-12-21 | SC 27  N18802 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SC27 N18815 | 19989-1 | Criteria and methodology for security evaluation of biometric systems – Part 1: framework | SC 27 Secr.  2018-12-21 | SC 27 N18814 |
| SC27 N18929 | 19989-2 | Criteria and methodology for security evaluation of biometric systems – Part 2: biometric recognition performance | SC 27 Secr.  2018-12-21 | WG 3 N1621 |
| SC27 N18930 | 19989-3 | Criteria and methodology for security evaluation of biometric systems – Part 3: presentation attack detection | SC 27 Secr.  2018-12-21 | WG 3 N1622 |
| SC 27 N18817 | 20085-2 | Test tool requirements and test tool calibration methods for use in testing non-invasive attack mitigation techniques in cryptographic modules – Part 2: Test calibration methods and apparatus | SC 27 Secr.  2018-12-21 | SC 27 N18816 |
| SC 27 N18927 | 20543 | Test and analysis methods for random bit generators within ISO/IEC 19790 and ISO/IEC 15408 | SC 27 Secr.  2018-12-21 | SC 27 N18926 |
| SC 27 N18819 | 20897-1 | Security requirements and test methods for physically unclonable functions for generating non-stored security parameters – Part 1: Security requirements | SC 27 Secr.  2018-12-21 | SC 27 N18818 |
| WG 3 N1631 | 20897-2 | Security requirements and test methods for physically unclonable functions for generating non-stored security parameters – Part 2: Test and evaluation methods | WG 3 Secr.  2018-12-21 | WG 3 N1630 |
| WG 3 N1633 | 22216 | Introductory guidance on evaluation for IT security | WG 3 Secr.  2018-12-21 | SC 27 N18802 |
| SC 27 N18810  WG 3 N1624 |  | WG 3 Roadmap | WG 3 Secr.  2018-12-21 | WG 3 N1623 |

1. Documents for Study and Comment

ISO/IEC JTC 1/SC 27/WG 3 requests its Secretariat to circulate the following documents to experts for study and comment:

|  |  |  |  |
| --- | --- | --- | --- |
| Document | Project | Title | Comments Due date |
| WG 3 N1631 | 20897-2 | Security requirements and test methods for physically unclonable functions for generating non-stored security parameters – Part 2: Test and evaluation methods | 2019-02-21 |
| WG 3 N1633 | 22216 | Introductory guidance on evaluation for IT security | 2019-02-21 |
| WG 3 N1637 | 23532-1 | Requirements for the competence of IT security testing and evaluation laboratories – Part 1: Testing and evaluation for ISO/IEC 15408 | 2019-02-21 |
| WG 3 N1638 | 23532-2 | Requirements for the competence of IT security testing and evaluation laboratories – Part 2: Testing for ISO/IEC 19790 | 2019-02-21 |
| SC 27 N18810  WG 3 N1624 | -- | WG 3 Roadmap | 2019-02-21 |

1. Document for 1st CD

ISO/IEC JTC 1/SC 27/WG 3 requests the SC 27 Secretariat to register and circulate the following documents as 1st CD to circulate for balloting.

|  |  |  |
| --- | --- | --- |
| Document | Project | Title |
| SC27 N18929 | 19989-2 | Criteria and methodology for security evaluation of biometric systems – Part 2: biometric recognition performance |
| SC27 N18930 | 19989-3 | Criteria and methodology for security evaluation of biometric systems – Part 3: presentation attack detection |

1. Document for further CD

ISO/IEC JTC 1/SC 27/WG 3 requests the SC 27 Secretariat to circulate the following documents for balloting.

|  |  |  |
| --- | --- | --- |
| Document | Project | Title |
| SC 27 N18817 | 20085-2 | Test tool requirements and test tool calibration methods for use in testing non-invasive attack mitigation techniques in cryptographic modules – Part 2: Test calibration methods and apparatus |
| SC 27 N18803 | 15408-1 | Evaluation criteria for IT security – Part 1: Introduction and general model |
| SC 27 N18804 | 15408-2 | Evaluation criteria for IT security – Part 2: Security functional components |
| SC 27 N18805 | 15408-3 | Evaluation criteria for IT security – Part 3: Security assurance components |
| SC 27 N18806 | 15408-4 | Evaluation criteria for IT security – Part 4: Framework for the specification of evaluation methods and activities |
| SC 27 N18807 | 15408-5 | Evaluation criteria for IT security – Part 5: Pre-defined packages of security requirements |
| SC 27 N18808 | 18045 | Methodology for IT security evaluation |
| SC 27 N18815 | 19989-1 | Criteria and methodology for security evaluation of biometric systems – Part 1: framework |
| SC 27 N18819 | 20897-1 | Security requirements and test methods for physically unclonable functions for generating non-stored security parameters – Part 1: Security requirements |

1. Liaison Statements

ISO/IEC JTC 1/SC 27/WG 3 approves the following liaison statements and requests the SC 27 Secretariat to send these liaison statements to the committees/institutions concerned.

| WG | Document | To | Topic | Reference |
| --- | --- | --- | --- | --- |
| 3 | WG 3 N1619 | CCDB | All projects | WG 3 N1618 |
| 3, 5 | SC 27 NXXX | SC 37 | 17922, 29134, 19989, 2832-37, 24741, 30107, 30124, 30125, 30136 | SC 27 N18831 |
| 3 | WG 3 N1645 | GlobalPlatform | All projects |  |
| 3 | WG 3 N1647 | CCUF | All projects |  |

1. Text for liaison statement to IEC/TC 65/WG 10 to be sent by ISO/IEC JTC 1/SC 27/WG 1

ISO/IEC JTC 1/SC 27/WG 3 provides input of the following text to WG 1:

“WG 3 welcomes opportunities to circulate and review future IEC TC 65 documents related to security product and systems development, evaluation and certification.”

1. Text for liaison statement to ISA 99 to be sent by ISO/IEC JTC 1/SC 27/WG 1

ISO/IEC JTC 1/SC 27/WG 3 provides input of the following text to WG 1:

“WG 3 thanks ISA 99 for the opportunity to provide comments on the recent Draft for Comment of ISA 62443-2-2. Comments were returned through this liaison channel.

WG 3 welcomes opportunities to circulate and review future ISA or IEC documents related to security product and systems development, evaluation and certification, provided that copies of such documents as supplied to the SC 27 Secretariat bear copyright markings permitting SC 27 circulation.”

1. Text for liaison statement to ISO/IEC JTC 1/SC 7 to be sent by ISO/IEC JTC 1/SC 27/WG 1

ISO/IEC JTC 1/SC 27/WG 3 provides input of the following text to WG 1:

“SC 27/WG 3 is currently performing a Study Period identifying potential overlap and/or re-use between WG3 security assurance standards and other standards, with the objective of informing ISO/IEC JTC 1/SC 27/WG 3 work on the latest revision of ISO/IEC 15408 and ISO/IEC 18045, also commonly known as “Common Criteria”, it has become apparent that since the last revision, several other standards have been established or have matured significantly.

WG 3 would appreciate if SC 7 experts contribute to this effort through this liaison channel.”

1. Update of SD4

ISO/IEC JTC 1/SC 27/WG 3 approves to update the following target dates in SD 4 and ask SC27 Secretariat to send those changes to JTC1 for endorsement letter ballot.

| **PROJECT** | **TITLE** | **TARGET DATES**  **WD/ CD/ IS/ WD/ PDTR/ TR/** |
| --- | --- | --- |
| 23532-1 | Requirements for the competence of IT security testing and evaluation laboratories – Part 1: Testing and evaluation for ISO/IEC 15408 | 19/04 20/04 22/04 |
| 23532-2 | Requirements for the competence of IT security testing and evaluation laboratories – Part 2: Testing for ISO/IEC 19790 | 19/04 20/04 22/04 |

ISO/IEC JTC 1/SC 27/WG 3 requests its Convenor to submit to the SC 27 Secretariat the following resolutions for approval by the SC 27.

1. Proposal for New Work Item

ISO/IEC JTC 1/SC 27/WG 3 requests SC 27 Secretariat to circulate the following document for New Work Item Proposal balloting:

| Document | Title |
| --- | --- |
| SC27 N18809 | Security requirements, test and evaluation methods for quantum key distribution  Part 1 “Requirements”  Part 2 “Evaluation and testing methods” |

1. Request for Establishment of Liaison

ISO/IEC JTC 1/SC 27 requests its Secretariat to seek establishment of the following liaisons:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Request | To | From | Category | Topic (Presentation) |
| SC 27 N18859 | SC 27/WG 3 | CCUF | C | All projects |
| SC 27 N18846 | SC 27/WG 3 | SAFECode | C | All projects |

1. Recommendations from periodical systematic review of IS/TR

ISO/IEC JTC 1/SC 27 endorses the following recommendations based on systematic and committee review result and requests its Secretariat to take appropriate action:

| **Standard** | **Title** | **Recommendation** |
| --- | --- | --- |
| ISO/IEC TS 30104:2015 | Physical security attacks, mitigation techniques and security requirements | SC 27 N18943  *Confirmation* |

1. Documents for Publication

ISO/IEC JTC 1/SC 27 requests its Secretariat to take the appropriate action for the publication of the following documents:

|  |  |  |
| --- | --- | --- |
| Document | Project | Title |
| SC 27 N18927 | 20543 | Test and analysis methods for random bit generators within ISO/IEC 19790 and ISO/IEC 15408 |
| SC 27 N18942 | 29147 | Vulnerability disclosure |

1. Thanks to the SC 27 Secretariat

ISO/IEC JTC 1/SC 27/WG 3 thanks Krystyna Passia for her efficient and unfailing administrative support before and during the meeting.

*Acclamation*

1. Thanks to the Drafting Committee

ISO/IEC JTC 1/SC 27/WG 3 thanks the members of the drafting committee Kwangwoo Lee and Philippe Magnabosco for drafting the resolutions.

*Acclamation*

1. Thanks to WG 3 Secretariat and Vice Convenor

The WG 3 Convener and experts thank its secretary and Vice Convenor, Naruki Kai, for his efforts and assistance in developing the WG 3 Meeting Report before, during and after the meeting.

*Acclamation*

1. Thanks to the Experts, Rapporteurs and Editors

ISO/IEC JTC 1/SC 27 WG 3 thanks all the SC 27 WG 3 experts, rapporteurs, editors, and acting editors and acting rapporteurs for their efforts and continued support in progressing the many SC 27 WG 3 projects.

ISO/IEC JTC 1/SC 27 WG 3 especially thanks the following editors for their efforts in getting the following documents through the standardisation process.

| Editor | Project | Title |
| --- | --- | --- |
| Fiona Pattinson  Helmut Kurth | 19608 | Guidance for developing security and privacy functional requirements based on ISO/IEC 15408 |
| Randy Easter  Fiona Pattinson  Jean Campbell | 19896-2 | Competence requirements for information security testers and evaluators – Part 2: Knowledge, skills and effectiveness requirements for ISO/IEC 19790 testers |
| Fiona Pattinson  Sanjeev Chhabra  Soohyeun Lee | 19896-3 | Competence requirements for information security testers and evaluators – Part 3: Knowledge, skills and effectiveness requirements for ISO/IEC 15408 evaluators |
| Heebong Choi  Randy Easter  Jean-Pierre Quémard | 20540 | Testing cryptographic modules in their operational environment |

*Acclamation*

1. Thanks to Hosts and Sponsors

ISO/IEC JTC1/SC 27/WG 3 wishes to thank the following for hosting the very successful meeting for the Working Group 3 meetings in Gjøvik, Norway.

In particular, WG 3 thanks Lars Erik Jensen (Project Leader, Einar Morten Lassesen (Communication Advisor) and Mette Wiken (Executive Assistant); all employed by Standards Norway.

In addition WG 3 expresses thanks to the sponsors of the meeting:

NTNU, Microsoft, Equinor, Telenor, Difi, Oppland fylkeskommune and Huawei.

*Acclamation*

1. Thanks to the Convenor

ISO/IEC JTC 1/SC 27 WG 3 thanks Miguel Bañón for his excellent work as WG 3 Convener.

*Acclamation*