



ISO/IEC JTC 1/SC 27/WG 3 "Security evaluation, testing and specification"
Convenorship: UNE
Convenor: Bañón Miguel Mr



WG 3 Recommendation Zoom April 2024 V7

Document type	Related content	Document date	Expected action
Meeting / Other	Meeting: VIRTUAL 8 Apr 2024	2024-04-15	INFO

ISO/IEC JTC 1/SC 27/WG 3 Recommendations

83rd Meeting, Zoom

April 8th – 12th, 2024

All recommendations are approved UNANIMOUSLY unless otherwise noted.

WG Recommendation 1. Acceptance of minutes

ISO/IEC JTC 1/SC 27/WG 3 recommends accepting the minutes of ISO/IEC JTC 1/SC 27/WG 3 of the 80th Zoom, October 16th – 19th 2023, in document WG 3 N2603.

WG Recommendation 2. Appointment of the Drafting Committee

ISO/IEC JTC 1/SC 27/WG 3 recommends appointing Kwangwoo Lee and Yi Mao as Drafting Committee of the meeting and instructs them to prepare the draft WG recommendations document for WG 3.

WG Recommendation 3. Approval of Project Editors/Co-Editors

ISO/IEC JTC 1/SC 27/WG 3 recommends SC 27 to approve the appointment of the experts listed below as Editors/Co-Editors.

Note: Highlight additions/Strikethrough deletions.

Project	Name (Country)
ISO/IEC PWI 22061	Shengkai LIAO (CN) Hao QIN (SG) * Hongwei LIU (CN) * Ricardo SANTOS (LU) *
ISO/IEC 19989-1	Julien BRINGER (FR) Naruki KAI (JP) *
ISO/IEC 29128-2	Ritu-Ranjan SHRIVASTWA (FR) Carolyn FRENCH (CA) * Daniel WASZKIEWICZ (PL) *
ISO/IEC 29128-3	Ritu-Ranjan SHRIVASTWA (FR) Carolyn FRENCH (CA) * Daniel WASZKIEWICZ (PL) *
PWI ** (WG3N2646)	Jade STEWART (US) Naruki KAI (JP) * Hee Bong CHOI (KR)* David MARTIN (GB) * Asbjørn HOVSTØ (NO) *
PWI 27116	Antonio KUNG (FR) Ricardo VILLALON (CR) * Asbjørn HOVSTØ (NO) * Di TANG (CN) * Junning YAO (CN) * Naruki KAI (JP) *

* Co-editor

** Project number tbc

WG Recommendation 4. PWI registration

ISO/IEC JTC 1/SC 27/WG 3 recommends SC 27 to register the following PWI.

Title (and N-Nr, if any)	Project Editors: Name (Country)	Project Number
Evaluation of AI-based Technology (WG3N2646)	Jade STEWART (US) Naruki KAI (JP) * Hee Bong CHOI (KR)* David MARTIN (GB) * Asbjørn HOVSTØ (NO) *	
Support for customized or multipurpose evaluation (WG3N2680)	Antonio KUNG (FR) Ricardo VILLALON (CR) * Asbjørn HOVSTØ (NO) * Di TANG (CN) * Junning YAO (CN) * Naruki KAI (JP) *	27116

* Co-editor

WG Recommendation 5. Call for contributions

ISO/IEC JTC 1/SC 27/WG 3 recommends circulating a call for contributions for the following projects. Submissions should reach the WG 3 Secretariat by the due date identified below.

Document	Title	To be sent to/by
WG 3 N2679	Investigation of the effect of transmission media on QKD security evaluation and possible modifications to ISO/IEC 23837 (ISO/IEC PWI 22061)	WG 3 Secr/ 2024-06-28
WG 3 N2646	Evaluation of AI-based Technology (Project Number tbd)	WG 3 Secr/ 2024-06-28
WG 3 N2680	Support for customized or multipurpose evaluation (ISO/IEC PWI 27116)	WG 3 Secr/ 2024-06-28

WG Recommendation 6. Preparation of Documents

ISO/IEC JTC 1/SC 27/WG 3 recommends the Project Editors/Co-Editors to prepare a 1st WD for the projects listed below.

Document	Project No.	Title	To be sent to/by
WG 3 N2664	19989-1	Information security — Criteria and methodology for security evaluation of biometric systems — Part 1: Framework	WG 3 Secr. 2024-06-28

WG Recommendation 7. Updating of documents

ISO/IEC JTC 1/SC 27/WG 3 recommends the Project Editors/Co-Editors of the projects identified below to update the following drafts and send them to the SC 27 or WG 3 Secretariat by the due dates.

Document	Project No.	Title	To be sent to/by	DoC Doc. No.
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WG 3 N2665	15408-1	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 1: Introduction and general model	SC 27 Secr. 2024-06-01	WG 3 N2681
WG 3 N2666	15408-2	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 2: Security functional components	SC 27 Secr. 2024-06-01	WG 3 N2682
WG 3 N2667	15408-3	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 3: Security assurance components	SC 27 Secr. 2024-06-01	WG 3 N2683
WG 3 N2668	15408-4	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 4: Framework for the specification of evaluation methods and activities	SC 27 Secr. 2024-06-01	WG 3 N2684
WG 3 N2669	15408-5	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 5: Pre-defined packages of security requirements	SC 27 Secr. 2024-06-01	WG 3 N2685
WG 3 N2670	18045	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Methodology for IT security evaluation	SC 27 Secr. 2024-06-01	WG 3 N2686
WG 3 N2671	19790	Information technology — Security techniques — Security requirements for cryptographic modules	SC 27 Secr. 2024-06-01	WG 3 N2662
WG 3 N2672	19792	Information security, cybersecurity and privacy protection — General principles of security evaluation of biometric systems	SC 27 Secr. 2024-06-28	WG 3 N2652
WG 3 N2673	19896-1	Information security, cybersecurity and privacy protection — Requirements for	SC 27 Secr. 2024-06-28	WG 3 N2659

		the competence of IT security conformance assessment body personnel — Part 1: Introduction and concepts *		
WG 3 N2674	19896-2	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel — Part 2: Knowledge and skills requirements for ISO/IEC 19790 testers and validators	SC 27 Secr. 2024-06-28	WG 3 N2660
WG 3 N2675	19896-3	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel — Part 3: Knowledge and skills requirements for ISO/IEC 15408 evaluators and certifiers	SC 27 Secr. 2024-06-28	WG 3 N2658
WG 3 N2676	20540	Information security, cybersecurity and privacy protection — Testing cryptographic modules in their field	SC 27 Secr. 2024-06-28	WG 3 N2661
WG 3 N2677	24759	Information technology — Security techniques — Test requirements for cryptographic modules	SC 27 Secr. 2024-06-01	WG 3 N2663
WG 3 N2678	27115	Cybersecurity evaluation of complex systems — Introduction and framework overview	WG 3 Secr. 2024-06-28	WG 3 N2687
WG 3 N2568	29128-2	Information security, cybersecurity and privacy protection – Verification of Cryptographic Protocols – Part 2: Evaluation Methods and Activities for Cryptographic Protocols	WG 3 Secr. 2024-06-28	WG 3 N2566
WG 3 N2569	29128-3	Information security, cybersecurity and privacy protection – Verification of Cryptographic Protocols – Part 3: Evaluation Methods and Activities for Protocol Implementation Verification	WG 3 Secr. 2024-06-28	WG 3 N2567

* Subject to approval of title change

WG Recommendation 8. Documents for Study and Comment

ISO/IEC JTC 1/SC 27/WG 3 recommends circulating the following documents to experts for study and comment.

Document	Project	Title	Comments Due date
WG 3 N2664	19989-1	Information security — Criteria and methodology for security evaluation of biometric systems Part 1: Framework	2024-09-01
WG 3 N2678	27115	Cybersecurity evaluation of complex systems — Introduction and framework overview	2024-09-01
WG 3 N2568	29128-2	Information security, cybersecurity and privacy protection – Verification of Cryptographic Protocols – Part 2: Evaluation Methods and Activities for Cryptographic Protocols	2024-09-01
WG 3 N2569	29128-3	Information security, cybersecurity and privacy protection – Verification of Cryptographic Protocols – Part 3: Evaluation Methods and Activities for Protocol Implementation Verification	2024-09-01
WG 3 N2382	--	WG 3 Roadmap	2024-09-01

WG Recommendation 9. Revision of ISO/IEC 19989-1:2020

ISO/IEC JTC 1/SC 27/WG 3 recommends SC 27 to note WG3 N2651 and approve a revision of ISO/IEC 19989-1:2020.

- development track (18, 24, 36 months): 36 months
- project editor(s): Julien BRINGER (FR)
Naruki KAI (JP) *
* co-editor
- WG in charge: WG3
- the current scope is confirmed
- the project is starting at stage: (20.20)

Project plan (target dates):

- Circulation of first WD (20.20) (if any): 2024-06-01
- Circulation of CD (30.20) (if any): 2025-06-01
- Submission of DIS (40.00): 2026-05-01
- Publication: 2027-05-01

WG Recommendation 10. Document for DTS

ISO/IEC JTC 1/SC 27/WG 3 recommends the SC 27 Secretariat to register the following document as DTS to circulate for balloting.

Document	Project	Title
WG 3 N2676	20540	Information security, cybersecurity and privacy protection

		— Testing cryptographic modules in their field
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WG Recommendation 11. Documents for CD

ISO/IEC JTC 1/SC 27/WG 3 recommends the SC 27 Secretariat to register the following document as CD to circulate for commenting.

Document	Project	Title
WG 3 N2675	19896-3	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel — Part 3: Knowledge and skills requirements for ISO/IEC 15408 evaluators and certifiers

WG Recommendation 12. Documents for DIS

ISO/IEC JTC 1/SC 27/WG 3 recommends the SC 27 Secretariat to register the following document as DIS to circulate for balloting.

Document	Project	Title
WG 3 N2665	15408-1	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 1: Introduction and general model
WG 3 N2666	15408-2	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 2: Security functional components
WG 3 N2667	15408-3	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 3: Security assurance components
WG 3 N2668	15408-4	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 4: Framework for the specification of evaluation methods and activities
WG 3 N2669	15408-5	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 5: Pre-defined packages of security requirements
WG 3 N2670	18045	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Methodology for IT security evaluation
WG 3 N2672	19792	Information security, cybersecurity and privacy protection — General principles of security evaluation of biometric systems
WG 3 N2673	19896-1	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel — Part 1: Introduction and concepts *
WG 3 N2674	19896-2	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel — Part 2:

		Knowledge and skills requirements for ISO/IEC 19790 testers and validators
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* Subject to approval of title change

WG Recommendation 13. Document for FDIS

ISO/IEC JTC 1/SC 27/WG 3 recommends the SC 27 Secretariat to register the following document as FDIS to circulate for balloting.

Document	Project	Title
WG 3 N2671	19790	Information technology — Security techniques — Security requirements for cryptographic modules
WG 3 N2677	24759	Information technology — Security techniques — Test requirements for cryptographic modules

WG Recommendation 14. Electronic attachments

ISO/IEC JTC 1/SC 27/WG 3 recommends including the corresponding catalogue of cybersecurity requirements or components as electronic attachments, in order to promote the sales of the following standards:

Project	Title
15408	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security
18045	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Methodology for IT security evaluation
19790	Information technology — Security techniques — Security requirements for cryptographic modules
24759	Information technology — Security techniques — Test requirements for cryptographic modules

WG Recommendation 15. Title Changes

ISO/IEC JTC 1/SC 27/WG 3 recommends changing the title of following projects.

Project	Current Title	New Title	Justification
ISO/IEC 19896-1	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel — Part 1: Introduction, concepts and general requirements	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel — Part 1: Introduction and concepts	Modify the Title according to the content of the document

WG Recommendation 16. Scope Change of ISO/IEC 19896-3

ISO/IEC JTC 1/SC 27/WG 3 recommends changing the scope of ISO/IEC 19896-3 from:

“This document provides the specialized requirements to demonstrate competence of individuals in performing IT product security evaluations in accordance with ISO/IEC 15408 (all parts) and ISO/IEC 18045.”

to

“This document provides the specialized requirements to demonstrate competence of individuals in performing IT product security evaluations and certifications in accordance with ISO/IEC 15408 (all parts) and ISO/IEC 18045”

Justification: The title change of ISO/IEC 19896-3 was approved in SC 27 Resolution (SC 27 N23235 2023/0104), but the scope is missing the "certifier" part.

WG Recommendation 17. Confirmation of ISO/IEC 29147:2018 (Ed 2)

ISO/IEC JTC 1/SC 27/WG 3 recommends SC 27 to note the comments and ballot results from the Systematic Review of ISO/IEC 29147:2018 (Ed 2) in N23389 and resolves to confirm this Standard for an additional five years.

WG Recommendation 18. Liaison Statements

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

Document	To	Topic	Reference
WG 3 N2691	CCDB	All projects	WG3N2582,WG3N2584, WG3N2591,WG3N2596
WG 3 N2692	CCUF	All projects	WG3N2639
WG 3 N2688	CMUF	19790, 24759	WG3N2632
WG 3 N2693	SC 37	19792, 19989-1	N23341
WG 3 N2656	SC 28	15408, 18045	WG3N2640
WG 3 N2690	ITU-T SG 17	23837, 22061	WG3N2609

WG Recommendation 19. Future meeting schedule

ISO/IEC JTC 1/SC 27/WG 3 agrees to the following meeting arrangements. Any other meetings will be notified no later than four weeks before the meeting.

Date	Meeting	Location
2024-05 (Date: TBD)	Interim SC 27/WG 3 editing meeting for ISO/IEC 15408-1 and ISO/IEC 18045 considering strict and exact conformance	Zoom

Resolution A Thanks to the SC 27 Committee Manager

ISO/IEC JTC 1/SC 27/WG 3 thanks Katharina Kursch, Sobhi Mahmoud, Christine Fries and Alexander Zimmermann for their efficient support before and during the meeting.

Acclamation

Resolution B Thanks to the Drafting Committee

ISO/IEC JTC 1/SC 27/WG 3 thanks the members of the drafting committee Kwangwoo Lee and Yi Mao for drafting the recommendations.

Acclamation

Resolution C Thanks to WG 3 Secretariat and Convenor support

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

Acclamation

Resolution D 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, 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
Bowei ZHANG (CN) Ao LUO (CN)* Yuto NAKANO (JP)*	5891	Information security, cybersecurity and privacy protection — Hardware monitoring technology for hardware security assessment
Javier TALLÓN (ES) Sebastian FRITSCH (DE)*	9569	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Patch Management Extension for the ISO/IEC 15408 series and ISO/IEC 18045
Sylvain GUILLEY (FR) Jean-Pierre QUÉMARD (FR)* Jiazhe CHEN (CN)*	17825	Information technology — Security techniques — Testing methods for the mitigation of non-invasive attack classes against cryptographic modules
Claire VISHIK (GB) Marcello BALDUCCINI (US) * Jeannine SCHATZ (US) * Sun YAN (CN)* Frank FARANCE (US) *	24462	Information security, cybersecurity and privacy protection — Ontology building blocks for security and risk assessment

Acclamation

Resolution E Thanks to the Convenor

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

Acclamation