



ISO/IEC JTC 1/SC 27/WG 3 "Security evaluation, testing and specification"

Convenorship: UNE

Convenor: Bañón Miguel Mr



WG 3 Recommendation Kunming September 2025 V10

Document type	Related content	Document date	Expected action
Meeting / Other	Meeting: Kunming (China) 8 Sep 2025	2025-09-12	INFO

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

92nd Meeting, Kunming Yunnan Province, China

September 8th – 12th, 2025

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 89th meeting, March 10th – 14th, 2025, in document WG 3 N2955.

WG Recommendation 2. Appointment of the Drafting Committee

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

WG Recommendation 3. Appointment of the acting liaison officer

ISO/IEC JTC 1/SC 27/WG 3 recommends appointing Elzbieta ANDRUKIEWICZ as the acting liaison officer from the WG3 to the CCDB and instructs her to prepare the liaison statement from WG 3 to the CCDB.

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
An analysis of consolidation of vocabulary used in ISO/IEC 15408 (multipart) and ISO/IEC 18045 (WG 3 N2965)	Elzbieta ANDRUKIEWICZ (PL) Kwangwoo LEE (KR) *	tbd

* Co-editor

WG Recommendation 5. Technical Report registration

ISO/IEC JTC 1/SC 27/WG 3 recommends SC 27 to approve the addition of following Technical Report to the SC 27 Programme of Work:

Title (and N-Nr, if any)	Project Editors: Name (Country)	WG	SDT	Project Number	optional: Scope
Information security, cybersecurity and privacy protection — Best practices on reuse of single evaluations for multipurpose usage	Di TANG (CN) Antonio KUNG (FR) * Naruki KAI (JP) * JunningYAO (CN) * Ricardo VILLALON (CR) *	WG3	18	tbd	WG3N2979

	Hovstö Asbjörn (NO) *				
--	-----------------------	--	--	--	--

* Co-editor

WG Recommendation 6. 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.

Project	Name (Country)
ISO/IEC PWI 25543	Jade STEWART (US) Kwangwoo LEE (KR) * Elzbieta ANDRUKIEWICZ (PL) * David MARTIN (UK) *
ISO/IEC 18367	Junning YAO (CN) Hansaem WI (KR) * Heebong CHOI (KR) * Limin LIU (CN) * Di TANG (CN) * Xiaoping CHENG (CN) * Wei WEI (CN) *
ISO/IEC 29147	Laurie TYZENHAUS (US) Jade STEWART (US) * Francois AMBROSINI (FR) * Kwangwoo LEE (KR) * Rakesh T (IN) * Di TANG (CN) * Jean-Pierre QUEMARD (FR) *
ISO/IEC 30111	Tomotaka ITO (JP) Di TANG (CN) * Kwangwoo LEE (KR) * Francois AMBROSINI (FR) * Rakesh T (IN) * Jean-Pierre QUEMARD (FR) *
ISO/IEC 25959	Naruki KAI (JP) Seira HIDANO (JP) * Jade STEWART (US) * Heebong CHOI (KR) * Di TANG (CN) * Jiazhe CHEN (CN) *

* Co-editor

WG Recommendation 7. 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
WG3N2965	An analysis of consolidation of vocabulary used in ISO/IEC 15408 (multipart) and ISO/IEC 18045	WG 3 Secr. 2026-01-30

WG Recommendation 8. 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 N3014	18367	Information security, cybersecurity and privacy protection — Cryptographic algorithms and security mechanisms conformance testing *	WG 3 Secr. 2025-11-21
WG 3 N3015	25959	Information security, cybersecurity and privacy protection — Application of attack potential to deep learning-based technology	WG 3 Secr. 2025-11-21
WG 3 N3016	29147	Information technology — Security techniques — Vulnerability disclosure processes *	WG 3 Secr. 2025-11-21
WG 3 N3017	30111	Information technology — Security techniques — Vulnerability handling and disclosure processes *	WG 3 Secr. 2025-11-21
WG 3 N3018	--	Information security, cybersecurity and privacy protection — Best practices on reuse of single evaluations for multipurpose usage	WG 3 Secr. 2025-11-21

* Subject to approval of WG3 recommendation 16

WG Recommendation 9. 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.
WG 3 N3019	15408-1	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 1: Introduction and general model	SC 27 Secr. 2025-10-24	WG 3 N3000
WG 3 N3020	15408-2	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 2: Security functional components	SC 27 Secr. 2025-10-24	WG 3 N3029
WG 3 N3021	15408-3	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 3: Security assurance	SC 27 Secr. 2025-10-24	WG 3 N3002

		components		
WG 3 N3022	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. 2025-10-24	
WG 3 N3023	15408-5	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 5: Pre-defined packages of security requirements	SC 27 Secr. 2025-10-24	
WG 3 N3024	18045	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Methodology for IT security evaluation	SC 27 Secr. 2025-10-24	
WG 3 N3025	22216	Information security, cybersecurity and privacy protection — Technical developments in ISO/IEC 15408 (multipart) and ISO/IEC 18045 *	WG 3 Secr. 2025-09-15	--
WG 3 N3026	25544	The effect of specific transmission media on the security evaluation of quantum key distribution *	SC 27 Secr. 2025-11-21	
WG 3 N3027	25844	Information security, cybersecurity and privacy protection – Transition guidance for ISO/IEC 19790 and ISO/IEC 24759	SC 27 Secr. 2025-11-21	WG 3 N3011
WG 3 N3028	27115	Cybersecurity evaluation of complex systems — Introduction and framework overview	SC 27 Secr. 2025-11-21	WG 3 N3006
WG 3 N2382	--	WG 3 Roadmap	WG 3 Secr. 2025-11-21	--

* Subject to approval of WG3 recommendation 16

WG Recommendation 10. 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 N3014	18367	Information security, cybersecurity and privacy protection — Cryptographic algorithms and security mechanisms conformance testing *	2026-01-30
WG 3 N3025	22216	Information security, cybersecurity and privacy protection — Technical developments in ISO/IEC 15408 (multipart) and ISO/IEC 18045 *	2025-10-15
WG 3 N3027	25844	Information security, cybersecurity and privacy protection — Transition guidance for ISO/IEC 19790 and ISO/IEC 24759	2026-01-30
WG 3 N3015	25959	Information security, cybersecurity and privacy protection — Application of attack potential to deep learning-based technology	2026-01-30
WG 3 N3016	29147	Information technology — Security techniques — Vulnerability disclosure processes *	2026-01-30
WG 3 N3017	30111	Information technology — Security techniques — Vulnerability handling and disclosure processes *	2026-01-30
WG 3 N3018	--	Information security, cybersecurity and privacy protection — Best practices on reuse of single evaluations for multipurpose usage	2026-01-30
WG 3 N2382	--	WG 3 Roadmap	2026-01-30

* Subject to approval of WG3 recommendation 16

WG Recommendation 11. Documents for 1st 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 N3028	27115	Cybersecurity evaluation of complex systems — Introduction and framework overview

WG Recommendation 12. Documents for DTR

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

Document	Project	Title
WG 3 N3026	TR 25544	The effect of specific transmission media on the security evaluation of quantum key distribution *

* Subject to approval of WG3 recommendation 16

WG Recommendation 13. Revision of ISO/IEC 18367:2016

ISO/IEC JTC 1/SC 27/WG 3 recommends SC 27 to note WG3 N3004 and approve a revision of ISO/IEC 18367:2016.

- development track (18, 24, 36 months): 24 months
- project editor(s): Junning YAO (CN)
Hansaem WI (KR) *
Heebong CHOI (KR) *
Limin LIU(CN) *
Di TANG(CN) *
Xiaoping CHENG(CN) *
Wei WEI(CN) *
* 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): 2026-06-01
- Circulation of first CD (30.20) (if any): 2026-10-01
- Submission of DIS (40.00): 2027-06-01
- Publication: 2027-10-01

WG Recommendation 14. Revision of ISO/IEC 29147:2018

ISO/IEC JTC 1/SC 27/WG 3 recommends SC 27 to approve a revision of ISO/IEC 29147:2018.

development track (18, 24, 36 months): 36 months

project editor(s): Laurie TYZENHAUS (US)
Jade STEWART (US) *
Francois AMBROSINI (FR) *
Kwangwoo LEE (KR) *
Rakesh T (IN) *
Di TANG (CN) *
Jean-Pierre QUEMARD (FR) *
* co-editor

WG in charge: WG3

the project is starting at stage: (20.20)

Project plan (target dates):

Circulation of first WD (20.20) (if any): 2025-12-01

Circulation of first CD (30.20) (if any): 2026-12-01

Submission of DIS (40.00): 2027-12-01

Publication: 2028-12-01

WG Recommendation 15. Revision of ISO/IEC 30111:2019

ISO/IEC JTC 1/SC 27/WG 3 recommends SC 27 to approve a revision of ISO/IEC 30111:2019.

development track (18, 24, 36 months): 36 months

project editor(s): Tomotaka ITO (JP)

Di TANG (CN) *

Kwangwoo LEE (KR) *

Francois AMBROSINI (FR) *

Rakesh T (IN) *

Jean-Pierre QUEMARD (FR) *

* co-editor

WG in charge: WG3

the project is starting at stage: (20.20)

Project plan (target dates):

Circulation of first WD (20.20) (if any): 2025-12-01

Circulation of first CD (30.20) (if any): 2026-12-01

Submission of DIS (40.00): 2027-12-01

Publication: 2028-12-01

WG Recommendation 16. 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 18367	Information technology — Security techniques — Cryptographic algorithms and security mechanisms conformance testing	Information security, cybersecurity and privacy protection - Cryptographic algorithms and security mechanisms conformance testing	To be consistent with the title of SC27
ISO/IEC 19896-2	Information security, cybersecurity and	Information security, cybersecurity and	To be consistent with the scope

	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	privacy protection — Requirements for the competence of IT security conformance assessment body personnel—Part 2: Knowledge and skills requirements for testers and validators according to ISO/IEC 19790 and ISO/IEC 24759	
ISO/IEC TR 22216	Information security, cybersecurity and privacy protection — New concepts and changes in ISO/IEC 15408:2022 and ISO/IEC 18045:2022	Information security, cybersecurity and privacy protection — Technical developments in ISO/IEC 15408 (multipart) and ISO/IEC 18045	The document contains an introduction and summary of concepts and changes defined in the latest revisions of the standard.
ISO/IEC TR 25544	The effect of different transmission media on the security evaluation of quantum key distribution	The effect of specific transmission media on the security evaluation of quantum key distribution	Replace “different“ with “specific“ in the title to reflect the content of TR
ISO/IEC 29147	Information technology — Security techniques — Vulnerability disclosure	Information technology — Security techniques — Vulnerability disclosure processes	The addition of the word processes in the title is necessary as vulnerability disclosure has become a business function, often formally described in legislation or other government requirements.
ISO/IEC 30111	Information technology — Security techniques — Vulnerability handling processes	Information technology — Security techniques — Vulnerability handling and disclosure processes	There is a possibility of combining this document with ISO/IEC 29147

WG Recommendation 17. Scope Change of ISO/IEC 29147

ISO/IEC JTC 1/SC 27/WG 3 recommends changing the scope of ISO/IEC 29147 from:

“This document provides requirements and recommendations to vendors on the disclosure of vulnerabilities in products and services. Vulnerability disclosure enables users to perform technical vulnerability management as specified in ISO/IEC 27002:2013, 12.6.1[1].

Vulnerability disclosure helps users protect their systems and data, prioritize defensive investments, and better assess risk. The goal of vulnerability disclosure is to reduce the risk associated with exploiting vulnerabilities. Coordinated vulnerability disclosure is especially important when multiple vendors are affected. This document provides:

- guidelines on receiving reports about potential vulnerabilities;
- guidelines on disclosing vulnerability remediation information;
- terms and definitions that are specific to vulnerability disclosure;
- an overview of vulnerability disclosure concepts;
- techniques and policy considerations for vulnerability disclosure;
- examples of techniques, policies (Annex A), and communications (Annex B).

Other related activities that take place between receiving and disclosing vulnerability reports are described in ISO/IEC 30111.

This document is applicable to vendors who choose to practice vulnerability disclosure to reduce risk to users of vendors’ products and services.”

to

“This document provides requirements and recommendations to **everyone** on the disclosure of vulnerabilities in products and services. Vulnerability disclosure enables users to perform technical vulnerability management as specified in ISO/IEC 27002:2013, 12.6.1[1]. Vulnerability disclosure helps users protect their systems and data, prioritize defensive investments, and better assess risk. The goal of vulnerability disclosure is to reduce the risk associated with exploiting vulnerabilities. Coordinated vulnerability disclosure is especially important when multiple vendors are affected. This document provides:

- guidelines on receiving reports about potential vulnerabilities;
- guidelines on disclosing vulnerability remediation information;
- terms and definitions that are specific to vulnerability disclosure;
- an overview of vulnerability disclosure concepts;
- techniques and policy considerations for vulnerability disclosure;
- examples of techniques, policies (Annex A), and communications (Annex B).

Other related activities that take place between receiving and disclosing vulnerability reports are described in ISO/IEC 30111.

This document is applicable to everyone who chooses to practice vulnerability disclosure to reduce risk to users of vendors' products and services.”

Justification: The vulnerability disclosure process has changed from an optional function to a mandatory process. Local legislation or government requirements provide incentives; the consumers of products and services have insisted on robust software products. Development pressure is also applied to supply chain by requiring compliance with one business practice or another.

WG Recommendation 18. Scope Change of ISO/IEC 30111

ISO/IEC JTC 1/SC 27/WG 3 recommends changing the scope of ISO/IEC 30111 from:

“This document provides requirements and recommendations for how to process and remediate reported potential vulnerabilities in a product or service.

This document is applicable to vendors involved in handling vulnerabilities.”

to

“This document provides requirements and recommendations for how to process and remediate reported potential vulnerabilities in a product or service.

This document is applicable to **everyone** involved in handling vulnerabilities.”

Justification: The current document states that it is applicable to vendors involved in handling vulnerabilities. It is not only the vendors that conduct vulnerability handling processes.

WG Recommendation 19. Confirmation of ISO/IEC 20085-2:2020

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 20085-2:2020 in N24121 and resolves to confirm this Standard for an additional five years.

WG Recommendation 20. Confirmation of ISO/IEC TS 19608:2018

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 TS 19608:2018 in N24277 and resolves to confirm this Standard for an additional five years.

WG Recommendation 21. Confirmation of ISO/IEC TS 30104:2015

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 TS 30104:2015 in N24276 and resolves to confirm this Standard for an additional five years.

WG Recommendation 22. 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 N3012	CCDB	All projects	WG3N2971, WG3N2973
WG 3 N3007	CCUF	All projects	WG3N2991
WG 3 N3010	CMUF	19790, 24759	WG3N2982
WG 3 N3008	SC 28	15408, 18045	WG3N2992
WG 3 N3013	ITU-T SG17	23837, 25544	WG3N2924

WG Recommendation 23. 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/Time	Meeting	Location
2025-10-27 (Time: tbd)	29128-2 CD comments resolution meeting	Zoom
2025-11-06 (Time: tbd)	22216 WD comments resolution meeting	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 Hongsong Shi for drafting the recommendations.

Acclamation

Resolution C Thanks to WG 3 Secretariat and Convenor support

The WG 3 Convenor 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
Asahiko YAMADA (JP) Julien BRINGER (FR)*	19792	Information security, cybersecurity and privacy protection — General principles, requirements and guidance for security evaluation of biometric systems
Heebong CHOI (KR) Seunghwan YUN (KR)*	20540	Information security, cybersecurity and privacy protection — Testing cryptographic modules in their field

* co-editor

Acclamation

Resolution E Thanks to the Host

ISO/IEC JTC1/SC 27 /WG 3 expresses its appreciation to Host : National Technical Committee 260 on Cybersecurity of Standardization Administration of China, Organizer: Chinese Academy of Cyberspace Studies; China Electronics Standardization Institute; Kunming Cyberspace Affairs Commission for hosting the SC 27/WG 3 meetings in Kunming, and for the wonderful social reception on 35th anniversary of SC 27 and wonderful ladies' night reception.

Acclamation

Resolution F Thanks to the Convenor

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

Acclamation