



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

Convenorship: UNE

Convenor: Bañón Miguel Mr



LS to CCUF March 2025

Document type	Related content	Document date	Expected action
Project / Other	Meeting: Fairfax (United States) 10 Mar 2025	2025-03-14	INFO

LIAISON STATEMENT

FROM: ISO/IEC JTC 1/SC 27/WG 3
TO: The CCUF

Overview and Appreciation

ISO/IEC JTC 1/SC 27/WG 3 thanks the CCUF for their liaison statement circulated as ISO/IEC JTC 1/SC 27/WG 3 N2842 dated March 7, 2025. The WG 3 thanks to the CCUF for the updates of organization status, scope of interesting, and the dates of its forthcoming meetings. These are noted and WG 3 requests that the CCUF continue to include information about their future meetings in their future liaison statements.

Progress of ISO/IEC 15408 and 18045 revisions

During the ISO/IEC JTC 1/SC 27/WG 3 meeting week, the editors' group and other experts convened to focus on the Disposition of Comments (DoCs) and to determine the subsequent steps for publication, based on the outcome of the Draft International Standard (DIS) ballot and ISO editor's comments. The discussions centered on improving the efficiency of comment resolution and implementing necessary editorial changes to support the ongoing revision work. The meeting was highly productive, with strong collaboration among both online and in-person participants. As part of the next steps, a working group meeting dedicated to editing and further progress on ISO/IEC 15408 and ISO/IEC 18045 has been scheduled for 23 April 2025. This meeting will focus on reviewing the DoCs and preparing any necessary revisions to ISO/IEC 15408 (all parts) and ISO/IEC 18045 based on the DoCs. Additionally, the working group has discussed holding an additional meeting on 14 May 2025, which would be dedicated exclusively to finalizing the next steps for publication. SC 27/WG 3 appreciates the continued contributions from liaison organizations and welcomes any feedback or input regarding these ongoing efforts.

Revision of ISO/IEC TR 22216:2022

The ISO/IEC TR 22216:2022 provides information and support for the use of ISO/IEC 15408:2022 (all parts) and ISO/IEC 18045:2022 and their relationship with the previous version of the standard. It includes explanatory text about the two evaluation approaches, specification-based and attack-based, the concepts newly introduced such as composite evaluation and multi-assurance, and mappings between previous functional and assurance components to updated functional and assurance components. In the context of the revision of ISO/IEC 15408:2022 (all parts) and ISO/IEC 18045:2022, it seems appropriate and useful to revise the ISO/IEC TR 22216 companion document. All changes to the standards which could have an impact on the TR 22216 content should be collected, reviewed and then integrated in the revised TR.

The revision of ISO/IEC TR 22216 will not have any impact on the SC27/WG3 request for publication of this technical report at-no-cost basis which was submitted to the ISO Central Secretariat last year. It is to inform you that SC27 has not received any response regarding this topic. The request will be repeated at the SC27 meeting starting Monday, 17th March.

Items highlighted as likely to be of particular interest to the CCUF

Please note that the latest status of all WG 3 projects, relevant document numbers, and the schedule for updates and comments are all to be found in the resolutions document that is attached to this liaison statement. Documents of interest to the CCUF can be made available through the liaison channel with SC 27. We would like to draw your attention to the following projects:

ISO/IEC 19896 (3 parts) Information security, cybersecurity and privacy protection — Requirements for the competence of IT security conformance assessment body personnel

The current status of this multipart project is the following:

- Part 1: Overview and concepts (Stage: 40.60)
- Part 2: Knowledge and skills requirements for ISO/IEC 19790 testers and validators (Stage: 40.60)
- Part 3: Knowledge and skills requirements for ISO/IEC 15408 evaluators and certifiers (Stage: 40.60)

Progress Report - PWI 25543 Consideration of the Target of Evaluation Concept for Emerging and Existing Technologies

WG 3 has decided to extend the PWI for the next 6 months without changing its scope.

A study of Target of Evaluation (TOE) use cases that currently do not or might not fit the existing concept of an on-premise IT product used as a basis for IT security evaluations. Known use cases include, but are not limited to, TOEs in a cloud environment, IP soft processors, and AI. In addition to this gap analysis, the study will include possible ways to address the gaps, one of which would be a redefinition of 'TOE' regarding its relevance to the 'IT product' context as well as a possible expanded definition for 'IT product' thereby increasing the scope of the ISO/IEC 15408 series and ISO/IEC 18045 based security.

Study contributions from CCUF members would be extremely useful since it is likely that they will be already studying/addressing the ways to apply ISO/IEC 15408 and ISO/IEC 18045 based evaluations to these technologies/uses.

Progress Report - PWI 25240 Evaluation of AI-based technology

PWI 25240 which began in April 2024 will continue as a PWI as an incubator for AI related evaluation projects in WG 3. Two new work item proposals have now been produced from this PWI.

- (1) Enhancing the 15408 series for AI and
- (2) Application of Attack Potential Table for AI (similar to what was done for smartcards).

For #1 Enhancing the 15408 series, the potential overlap with the proposal on Trustworthy AI submitted to SC 42 has been resolved and accordingly will no longer delay the development effort. If the SC 42 proposal submitters are interested, SC 27/WG3 believes benefits would be derived from a focus on security problem definitions and security needs for AI. The original SC 42 proposal also mentioned functional safety and legal compliance which SC 27/WG 3 considers as out of scope. This resolution was able to occur due to the presence of the SC 42/WG 1 Convenor at the SC 27/WG 3 meetings in Fairfax. SC 27/WG 3 is very appreciative of her presence, input and decision-making at discussions on this topic. The SC 27/WG 3 encourages interested CCUF members in either of the two above topics to join ISO through their NBs and join the team of experts working on these documents.

Progress Report - PWI 27116 Support for customized or multipurpose evaluation

A progress report was presented during the WG 3 meeting week. For more detailed information, SC 27/WG 3 encourages CCUF members to refer to the WG 3 documents.

Call for Expert/Contributions to JWG 7: Cybersecurity Testing and Evaluation of Biometrics

The ISO/IEC JTC 1/SC 27 - ISO/IEC JTC 1/SC 37 Joint Working Group (JWG 7) focuses on cybersecurity testing and evaluation of biometrics. Two projects discussed in JWG 7 might be of interest to Common Criteria Users Forum (CCUF), and JWG 7 is seeking additional experts and contributions to support those projects: ISO/IEC 19989-1 “Criteria and methodology for security evaluation of biometric systems - Part 1: Framework” revision (originated from WG3 and now assigned to JWG7) that is at WD2 stage and ISO/IEC 25456 “Biometric data injection attack detection” that is at AWI stage.

As those projects are not discussed in ISO/IEC JTC 1/SC 27/WG 3, JWG 7 is inviting CCUF to apply for a "Category C" liaison with JWG 7(*). Members of the Common Criteria Users Forum (CCUF) who wish to contribute to JWG 7 will then be able to do so via the liaison channel, ensuring a collaborative and inclusive process.

A 2nd call for comments is created until 2025-06-13 on WD2 of ISO/IEC 19989-1 and CCUF is invited to provide comments before the deadline. Biometrics Security iTC was presented during JWG 7 meeting, and comments from Biometrics Security iTC are also welcome. JWG 7 would like to thank Biometrics Security iTC chair for the presentation.

(*) Category C Liaisons can only work and contribute at WG level, they are not registered at committee level which means they cannot comment on committee level documents such as CD, DIS, FDIS, DTS, DTR etc. Comments on CD, DIS, FDIS, DTS, DTR etc should be sent through any NBs that can support the CCUF activities on this topic.

Future meetings

WG 3 includes information regarding its future meetings and would like to inform the CCUF of the following events planned for 2025.

- Editing and further progressing meeting for 15408/18045, 23 April 2025, Virtual
- Editing and further progressing meeting for 15408/18045, 14 May 2025, Virtual
- 19896-3 DIS comments resolution meeting, 13-14 May 2025, Virtual
- 89th JTC 1/SC 27/WG 3 meeting, 8-12 September 2025, Kunming, China

Liaison Officer from SC 27/WG 3 to the CCUF
Kwangwoo Lee