

LIAISON STATEMENT

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

Expression of Thanks

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 N2026 dated April 12, 2021.

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.

General

The WG3 experts considered the IPR and usage points made in the liaison statement. The experts fully supported those points and asked the convenor to raise the concerns, through the SC 27 plenary, in order to expedite the discussions and swiftly reach a suitable conclusion. The group has expended a great deal of time in the development, editing, and review of the ISO/IEC 15408 and 18045 standards and are very keen to ensure that these can continue to be used as widely as possible.

Post meeting note: The WG 3 convenor presented a well argued case at the SC 27 plenary, pointing out the widespread adoption and success of common criteria, and the significant commitment made by members of the Common Criteria Recognition Arrangement, both in handing over current development, and in supplying experts (particularly those with certification body knowledge) to work on that development. He stressed the urgent need to find a practical solution which would allow the current usage model, or an acceptable equivalent, to continue. The WG 5 vice-convenor (who has a background in copyright law) said that this was also an important point for many other standards/related open-source tools. It was therefore agreed by the meeting that the whole subject should be explored in depth, but that the imminent ISO/IEC 15408 and ISO/IEC 18045 publication made this specific use case most urgent. That was confirmed by a special SC 27 Plenary resolution supporting the position of WG3. Charles-Pierre Bazin de Caix, as the ISO technical program manager, said that, following receipt of the letter attached to the liaison statement, he was awaiting legal advice regarding options, and he undertook to discuss those with the WG 3 convenor and others within a few weeks.

Publication progress - ISO/IEC 15408, ISO/IEC 18045, and ISO/IEC TR 22216

A number of comments had been received from the DIS voting, with the comments from ISO publication editors requiring some fairly substantial changes such as splitting the vocabulary between all the parts (and the two standards) rather than holding this within ISO/IEC 15408:1 alone. These changes are almost complete and are expected to complete by the end of April for issue for FDIS ballot (8 weeks). If successful, the work will enter the publication phase where the ISO editors and the WG 3 editors work on the formatting etc. The duration of this is hard to predict but the WG 3 editors believe that publication can still take place before the end of 2021.

Preliminary work item: Roadmap for the maintenance of ISO/IEC 15408 and ISO/IEC 18045

A preliminary work item that titled as “Roadmap for the maintenance of ISO/IEC 15408 and

ISO/IEC 18045” was initiated which will examine a range of improvements that could be made to ISO/IEC 15408 and ISO/IEC 18045 based upon recent editing experience, previous calls for contributions, experience of use, etc. This will result in a roadmap for the future WG 3 work around these standards. Details are provided in the attached PWI document (WG3 N2083). The CCUF is invited to note the call for inputs especially in regard to the operation of schemes and recognition arrangements. Input from the CCUF, via liaison, will be most welcome, particularly if it contains some level of implementation detail.

Other items highlighted as likely to be of particular interest to the CCUF

Connected Vehicles

A new work item that titled as “Security requirements and evaluation activities for connected vehicle devices” was initiated which will provide common security requirements and evaluation methods based on ISO/IEC 15408 and 18045 for components in connected vehicle devices such as road vehicles or self-driving cars, especially those ones that provide network connection through which an attacker can gain access to the internal network.

Multi-Party Coordinated Vulnerability Disclosure and Handling

This work had resulted in a draft technical report. Comments were resolved during the meeting and a further update was scheduled.

Introduction of new assurance requirements in ISO/IEC 15408-3 covering patch management and deployment activities

This work had resulted in a draft technical report. Comments were resolved during the meeting and a further update was scheduled.

Preliminary work item: Cybersecurity assurance of complex systems based on ISO/IEC 15408

Existing work was extended to cover “using models for ISO/IEC 15408 protection profiles”, “extensions to ISO/IEC 15408 protection profiles” (to cover complex systems) and “Scoping further the work”.

Preliminary work item: Requirements for the competence of IT security certification bodies

A call for contributions was made which may be of interest to CCUF members.

Preliminary work item: ISO/IEC 15408 in the cloud

A call for contributions was made which may be of interest to CCUF members.

Standardization process

WG 3 is also pleased to inform the CCUF that ISO/IEC 19989-1, ISO/IEC 19989-2, 19989-3, and 20897-1 are in the standardization process. It concerns the criteria and methodology for security evaluation of biometric systems (ISO/IEC 19989-1, ISO/IEC 19989-2, 19989-3) and physically unclonable functions (ISO/IEC 20897-1). CCUF stakeholders for IT security testing and evaluation laboratories can consider these documents for your references.

We look forward to continuing the rewarding relationship with the CCUF and encourage the CCUF to provide any CCUF work items that the working group may consider for review or comment as attachments to the next liaison statement.

Please note that the latest status of all WG 3 projects, the relevant document numbers, and the schedule for updates and comments are all to be found in the WG 3 recommendations document that is attached to this liaison statement. Documents of interest to the CCUF are made available through the liaison channel with SC 27/WG 3.

Attachments

- ISO/IEC JTC 1/SC 27/WG 3 Recommendations, 62nd Meeting
- PWI - Roadmap for the maintenance of ISO/IEC 15408 and ISO/IEC 18045