20 October 2025 (Day 3)
The 28th CCUF Workshop
Songdo, Korea

ISO Update

2025.10.20.
CCUF & SC 27/WG 3 Liaison Officer
Kwangwoo Lee

ISO/IEC 15408: Evaluation Criteria for IT security (CC)
ISO/IEC 18045: Methodology for IT security evaluation (CEM)

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ISO/IEC 15408: Evaluation Criteria for IT security (CC)
ISO/IEC 18045: Methodology for IT security evaluation (CEM)

ISO/IEC JTC 1 SC 27 WG 3 meetings







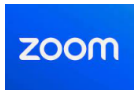












54th SC 27 WG 3 and Comment Resolution meeting, 2017.04.18 - 2017.04.22, Hamilton, New Zealand

55th SC 27 WG 3 and Comment Resolution meeting, 2017.10.30 - 2017.11.03, Berlin, Germany

56th SC 27 WG 3 and Comment Resolution meeting, 2018.04.16 - 2018.04.20, Wuhan, China

57th SC 27 WG 3 and Comment Resolution meeting, 2018.09.30 - 2018.10.04, Gjovik, Norway

58th SC 27 WG 3 and Comment Resolution meeting, 2019.04.01 - 2019.04.05, TelAviv, Israel

59th SC 27 WG 3 and Comment Resolution meeting, 2019.10.14 - 2019.10.18, Paris, France

60th SC 27 WG 3 and Comment Resolution meeting, 2020.04.20 - 2020.04.24, St.Petersberg, Russia, Virtual (via Zoom)

61st SC 27 WG 3 and Comment Resolution meeting, 2020.09.12 - 2020.09.16, Warsaw, Poland, Virtual (via Zoom)

62nd SC 27 WG 3 meeting, 2021.04.12 - 2021.04.15, Virtual (via Zoom)

63rd SC 27 WG 3 meeting, 2021.10.25 - 2021.10.28, Virtual (via Zoom)

72nd SC 27 WG 3 meeting, 2022.04.04 - 2022.04.07, Virtual (via Zoom)

78th SC 27 WG 3 meeting, 2022.10.03 - 2022.10.06, Virtual (via Zoom)

79th SC 27 WG 3 meeting, 2023.04.17 - 2023.04.21, Redmond, US

80th SC 27 WG 3 meeting, 2023.10.16 - 2023.10.19, Virtual (via Zoom)

83rd SC 27 WG 3 meeting, 2024.04.08 - 2024.04.12, Virtual (via Zoom)

86th SC 27 WG 3 meeting, 2024.09.30 - 2024.10.04, Virtual (via Zoom)

89th SC 27 WG 3 meeting, 2025.03.10, Fairfax VA USA

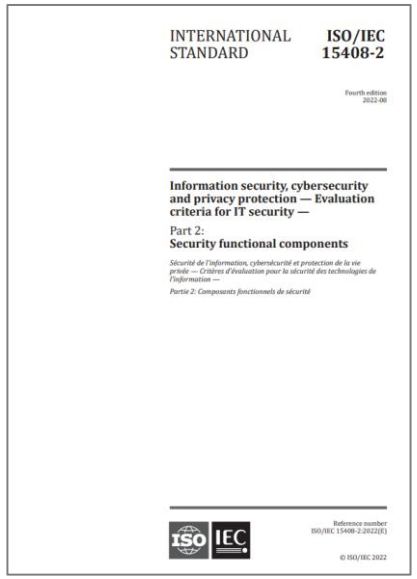
92nd SC 27 WG 3 meeting, 2025.09.08 - 2025.09.12, Kunming, China

2017 2017 2018 2018 2019 2019 2020 2020 2021 2021 2022 2022 2023 2023 2024 2024 2025 2025

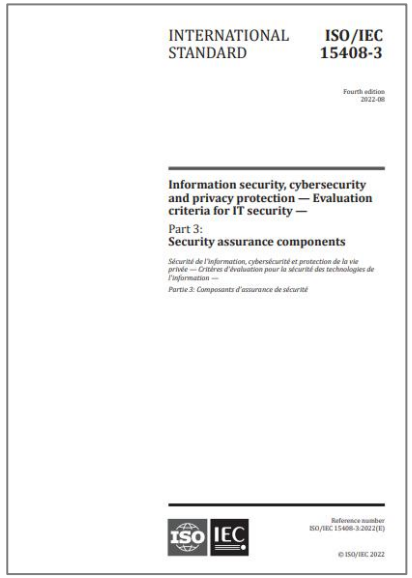

15408:2022
18405:2022


ISO/IEC 15408:2022, ISO/IEC 18045:2022

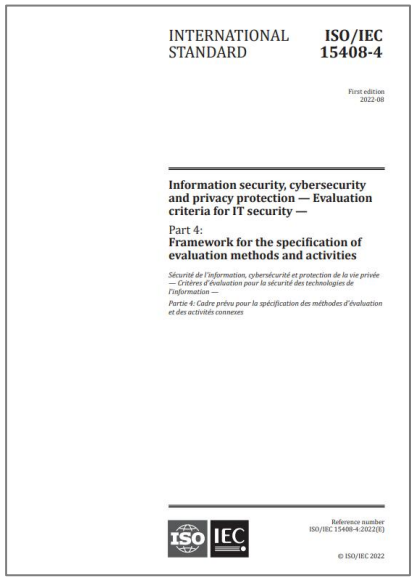
ISO/IEC 15408-1:2022
Introduction and general model



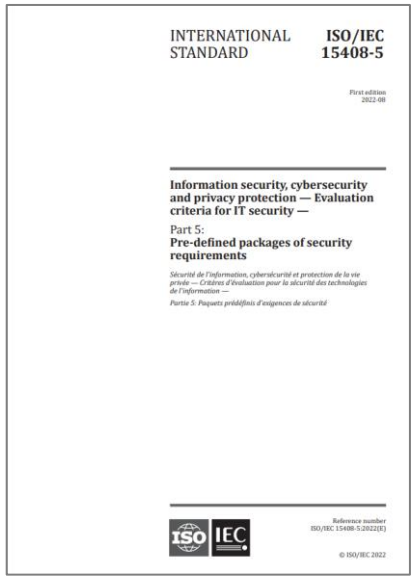
ISO/IEC 15408-2:2022
Security functional components



ISO/IEC 15408-3:2022
Security assurance components



ISO/IEC 15408-4:2022
Framework for the specification of evaluation methods and activities



ISO/IEC 15408-5:2022
Pre-defined packages of security requirements

ISO/IEC 18045:2022
Methodology for IT security evaluation

Source: Publicly Available Standards, https://standards.iso.org/ittf/PubliclyAvailableStandards/index.html

ISO/IEC 15408:2022, ISO/IEC 18045:2022

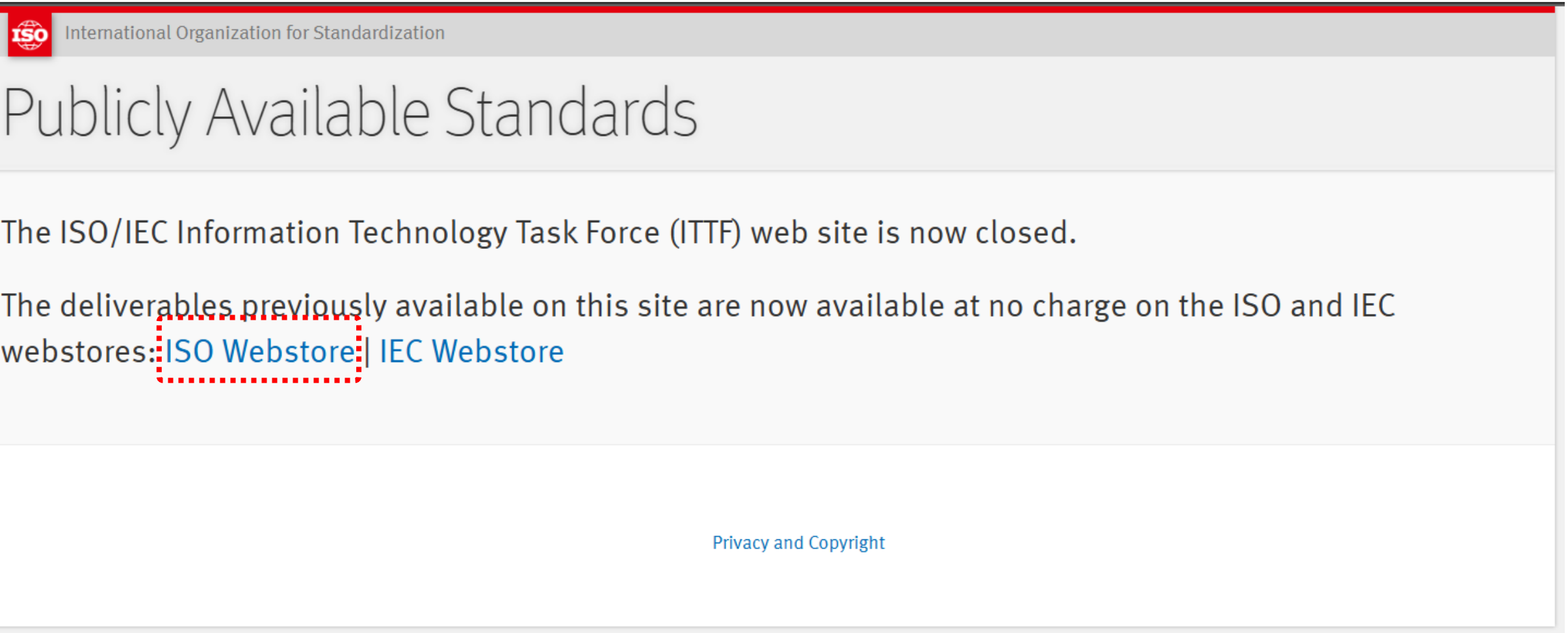
International Organization for Standardization

Publicly Available Standards

ISO/IEC 15408-1:2022 EN	4th	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 1: Introduction and general model	ISO/IEC JTC 1/SC 27
ISO/IEC 15408-2:2022 EN	4th	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 2: Security functional components	ISO/IEC JTC 1/SC 27
ISO/IEC 15408-3:2022 EN	4th	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 3: Security assurance components	ISO/IEC JTC 1/SC 27
ISO/IEC 15408-4:2022 EN	1st	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 4: Framework for the specification of evaluation methods and activities	ISO/IEC JTC 1/SC 27
ISO/IEC 15408-5:2022 EN	1st	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Part 5: Pre-defined packages of security requirements	ISO/IEC JTC 1/SC 27
ISO/IEC 18045:2022 EN	3rd	Information security, cybersecurity and privacy protection — Evaluation criteria for IT security — Methodology for IT security evaluation	ISO/IEC JTC 1/SC 27

Source: Publicly Available Standards, https://standards.iso.org/ittf/PubliclyAvailableStandards/index.html

ISO/IEC 15408:2022, ISO/IEC 18045:2022



International Organization for Standardization

Publicly Available Standards

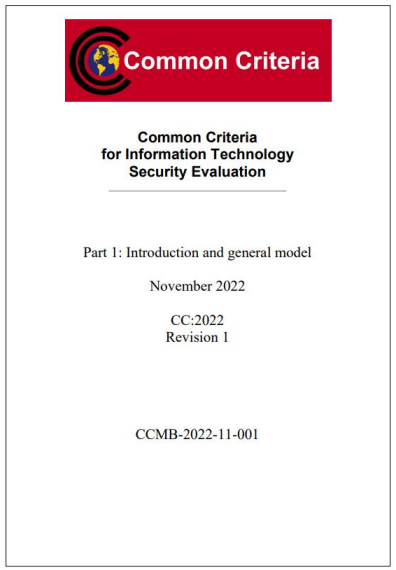
The ISO/IEC Information Technology Task Force (ITTF) web site is now closed.

The deliverables previously available on this site are now available at no charge on the ISO and IEC webstores: ISO Webstore | IEC Webstore

Privacy and Copyright

Source: Publicly Available Standards, https://standards.iso.org/ittf/PubliclyAvailableStandards/index.html

CC:2022/CEM:2022 R1


Common Criteria

Common Criteria
for Information Technology
Security Evaluation

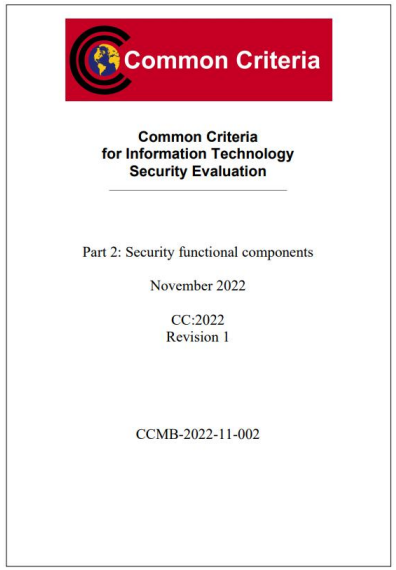
Part 1: Introduction and general model

November 2022

CC:2022
Revision 1

CCMB-2022-11-001

CC:2022 Release 1
Part 1:
Introduction and general model


Common Criteria

Common Criteria
for Information Technology
Security Evaluation

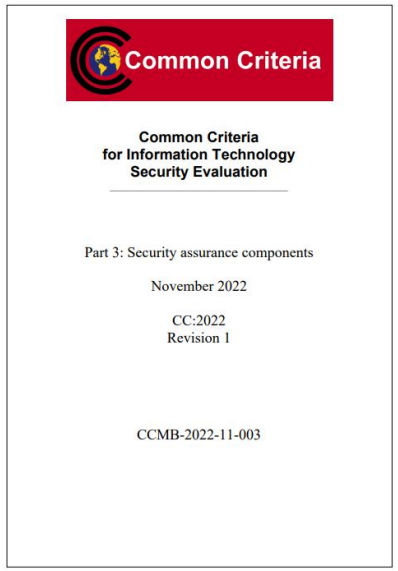
Part 2: Security functional components

November 2022

CC:2022
Revision 1

CCMB-2022-11-002

CC:2022 Release 1
Part 2:
Security functional components


Common Criteria

Common Criteria
for Information Technology
Security Evaluation

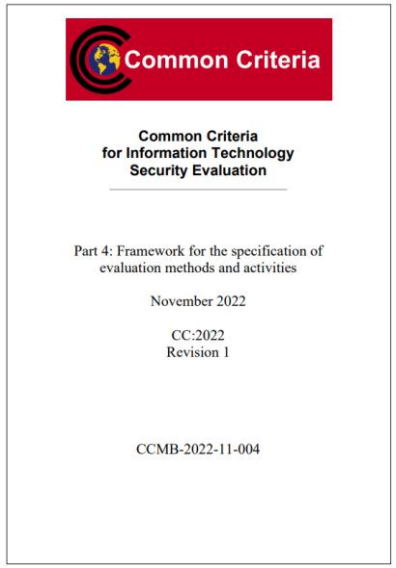
Part 3: Security assurance components

November 2022

CC:2022
Revision 1

CCMB-2022-11-003

CC:2022 Release 1
Part 3:
Security assurance components


Common Criteria

Common Criteria
for Information Technology
Security Evaluation

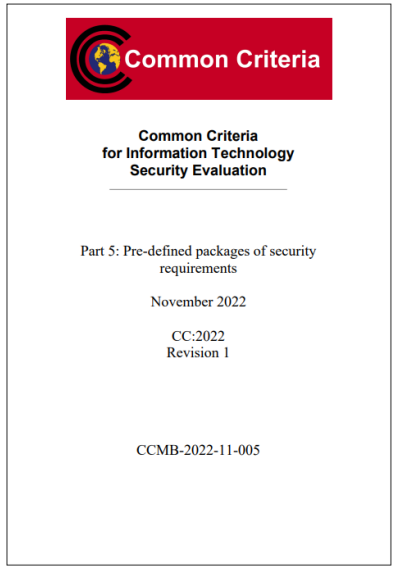
Part 4: Framework for the specification of evaluation methods and activities

November 2022

CC:2022
Revision 1

CCMB-2022-11-004

CC:2022 Release 1
Part 4:
Framework for the specification of evaluation methods and activities


Common Criteria

Common Criteria
for Information Technology
Security Evaluation

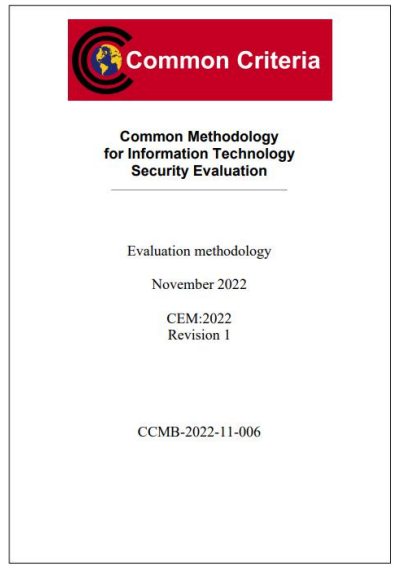
Part 5: Pre-defined packages of security requirements

November 2022

CC:2022
Revision 1

CCMB-2022-11-005

CC:2022 Release 1
Part 5:
Pre-defined packages of security requirements


Common Criteria

Common Methodology
for Information Technology
Security Evaluation

Evaluation methodology

November 2022

CEM:2022
Revision 1

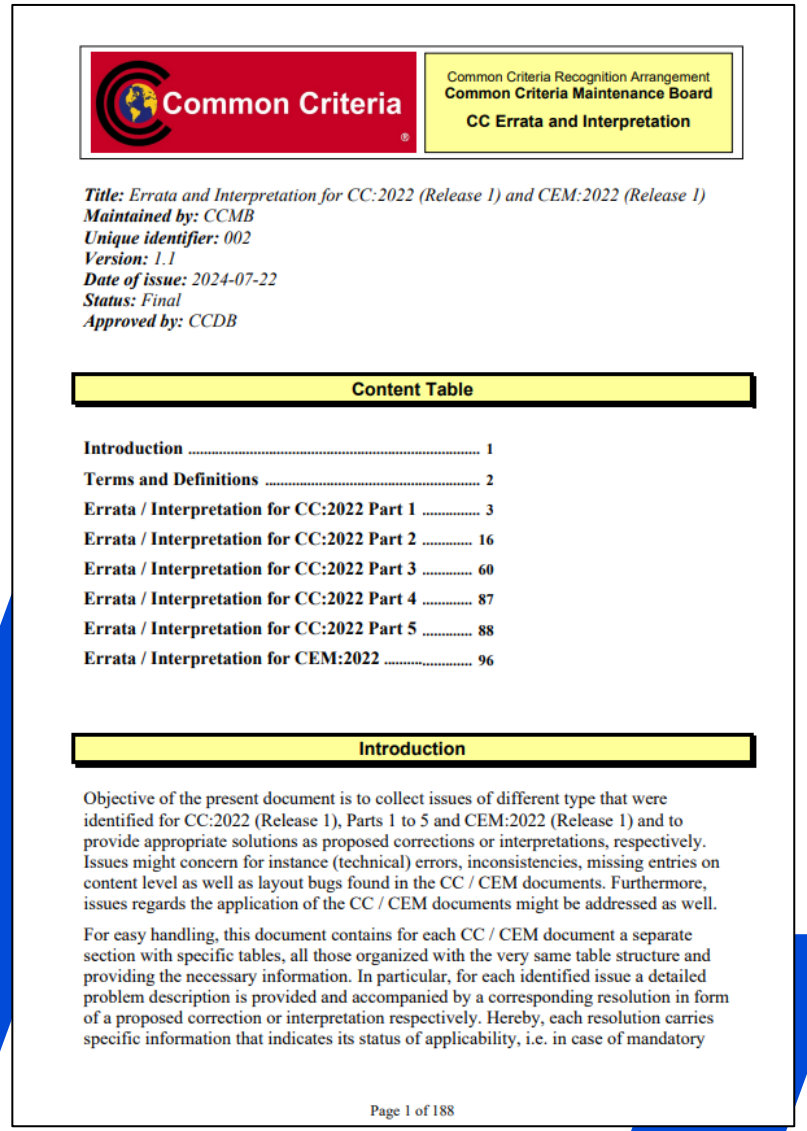
CCMB-2022-11-006

CEM:2022 Release 1
Evaluation methodology

Source: CCRA Portal, https://www.commoncriteriaportal.org/cc/index.cfm

Errata and Interpretation for CC:2022/CEM:2022 R1

- Title: Errata and Interpretation for CC:2022 (Release 1) and CEM:2022 (Release 1)
- Maintained by: CCMB
- Unique identifier: 002
- Version: 1.1
- Date of issue: 2024-07-22
- Status: Final
- Approved by: CCDB
- Pages: 188



Common Criteria

Common Criteria Recognition Arrangement
Common Criteria Maintenance Board
CC Errata and Interpretation

Title: *Errata and Interpretation for CC:2022 (Release 1) and CEM:2022 (Release 1)*
Maintained by: *CCMB*
Unique identifier: *002*
Version: *1.1*
Date of issue: *2024-07-22*
Status: *Final*
Approved by: *CCDB*

Content Table

Introduction

Objective of the present document is to collect issues of different type that were identified for CC:2022 (Release 1), Parts 1 to 5 and CEM:2022 (Release 1) and to provide appropriate solutions as proposed corrections or interpretations, respectively. Issues might concern for instance (technical) errors, inconsistencies, missing entries on content level as well as layout bugs found in the CC / CEM documents. Furthermore, issues regards the application of the CC / CEM documents might be addressed as well.

For easy handling, this document contains for each CC / CEM document a separate section with specific tables, all those organized with the very same table structure and providing the necessary information. In particular, for each identified issue a detailed problem description is provided and accompanied by a corresponding resolution in form of a proposed correction or interpretation respectively. Hereby, each resolution carries specific information that indicates its status of applicability, i.e. in case of mandatory

Page 1 of 188

Source: CCRA Portal, https://www.commoncriteriaportal.org/files/ccfiles/CCMB-2024-002-v1_1-Errata_Interpretation_CC_CEM_2022.pdf

CC:2022 Transition

Errata to CC:2022 and CEM:2022	CC2022CEM2022Errata_Interpretation-v1_1.pdf, Version 1.1
(application of the latest published version is mandatory)	CC2022CEM2022Errata_Interpretation-v1_0.pdf, Version 1.0
Transition Policy to CC:2022 and CEM:2022	CC2022CEM2022TransitionPolicy.pdf

new Transition Policy to CC:2022 and CEM:2022

CCV3.1R5 version is the last from the 3.1 series, and may optionally be used for evaluation starting no later than the 30th of June 2024.

STs conformant to CC:2022 based on PPs certified according to CC3.1 will be accepted up to the 31st of December 2027.

Assurance continuity activities (maintenance, re-evaluation and re-assessment) based on CC 3.1 evaluations can be started for up to 2 years from the initial certification date.

Further details now available.

Document Number: *CCMC-2023-04-001*

Date: *April 20th, 2023*

Subject: *Transition Policy to CC:2022 and CEM:2022*

XML

new CC:2022 Release 1

Copyright information on CC:2022 and CEM:2022

On base of and in compliance with the Legal Notice statement provided in the CC:2022 the governmental organizations explicitly grant respective usage rights of CC:2022 Parts 1 through 5 to CC users in private/commercial/organizational/other sectors (as e.g. developers, applicants, certification bodies, evaluation laboratories, authors of Protection Profiles (PP) and Security Targets (ST)). Hereby, usage rights cover the re-use of text sections of CC:2022 Parts 1 through 5 in the narrower sense, as e.g. copying or modifying of Security Assurance Requirements (SAR) or Security Functional Requirements (SFR) for use in further CC-related documents. As well, the publication of such CC-related documents that make use of text sections of CC:2022 Parts 1 through 5 is allowed. Such usage rights hold in the same manner for CEM:2022.

CC:2022 Release 1 consists of five parts. Make sure to download and use these files:

	PDF	XML
Part 1: Introduction and general model	CC2022PART1R1.pdf	CC22R1.dtd
Part 2: Security functional requirements	CC2022PART2R1.pdf	
Part 3: Security assurance requirements	CC2022PART3R1.pdf	cc2022R1.XML
Part 4: Framework for the specification of evaluation methods and activities	CC2022PART4R1.pdf	
Part 5: Pre-defined packages of security requirements	CC2022PART5R1.pdf	

CEM:2022 consists of one part:

	PDF
CEM	CEM2022R1.pdf

Errata to CC:2022 and CEM:2022	CC2022CEM2022Errata_Interpretation-v1_1.pdf, Version 1.1
(application of the latest published version is mandatory)	CC2022CEM2022Errata_Interpretation-v1_0.pdf, Version 1.0
Transition Policy to CC:2022 and CEM:2022	CC2022CEM2022TransitionPolicy.pdf

Summary of 15408 and 18045 comments

Document	Total number of comments	Type			
		ed	ge	te	none
ISO/IEC 15408-1 rev_23	321	309	5	6	0
ISO/IEC 15408-2 rev_23	196	195	1	0	0
ISO/IEC 15408-3 rev_23	245	244	1	0	0
ISO/IEC 15408-4 rev_23	49	48	1	0	0
ISO/IEC 15408-5 rev_23	35	33	2	0	0
ISO/IEC 18045 rev_23	927	919	2	5	0
Total:	**1773**	**1748**	**12**	**11**	**0**

Source: 15408/18045 DIS DoC (dated 2025.07.08)

Triage

	Part 1	Part 2	Part 3	Part 4	Part 5	18045	All	Notes
1	310	140	217	39	32	734	1426	Simple comments that can be accepted (or not) without further discussion.
2	0	53	18	7	0	97	158	Comments which need some discussion to help resolve: Perhaps there are differing opinions, or we are not sure what the correct answer should be since a little more explanation is needed. Discussion on each can be done in 10 mins or less.
3	11	3	6	3	3	77	99	Comments that need extended time for discussion, perhaps where general agreement (consensus) needs to be developed.

Source: 15408/18045 DIS DoC (dated 2025.07.08)

Disposition of comments

	Part 1	Part 2	Part 3	Part 4	Part 5	18045
accepted	202	108	206	39	23	783
accepted with ed mods	22	0	1	2	0	42
accepted with mods	17	51	0	6	0	4
accepted in principle	29	6	0	1	5	14
not accepted	10	17	9	3	7	71
overtaken by events	33	12	0	0	0	10
noted	6	2	2	1	1	3
withdrawn	0	0	0	0	0	0
postponed	2	0	0	0	0	0
postponed to next revision	0	0	0	0	0	0
discuss	0	0	23	0	0	0

Source: 15408/18045 DIS DoC (dated 2025.07.08)

Progress of ISO/IEC 15408 &18045 revisions

Key Activities

- Editors' group & experts convened to address:
  - Disposition of Comments (DoCs)
  - ISO editor’s comments
  - Planning next steps for publication of FDIS

Focus Areas

- Efficient comment resolution
- Editorial improvements to support standard revision

Next step

- FDIS ballot (8 weeks) : after 24th October 2025

Revision of ISO/IEC TR 22216:2022

Overview

- TR 22216:2022 provides guidance on ISO/IEC 15408:2022 and ISO/IEC 18045:2022
- Explains their relationship with previous versions of the standards

Key Concepts

- Two evaluation approaches: Specification-based vs. Attack-based
- New concepts introduced: Composite evaluation, Multi-assurance
- Mapping between old and updated functional and assurance components

Need for Revision

- Revisions to ISO/IEC 15408 & 18045 require an aligned update to TR 22216
- All impactful changes should be collected, reviewed, and integrated

Revision of ISO/IEC TR 22216:2022

SC 27/WG 3 submitted a request for free publication to the ISO Central Secretariat in 2024

WG Recommendation 16. Availability of ISO/IEC 22216 at no cost

ISO/IEC JTC 1/SC 27/WG 3 recommends SC 27, considering WG3N2700 "Request for freely available standards - ISO/IEC 22216", to requests SC 27 Committee Manager to take appropriate action to make ISO/IEC 22216 available at no-cost from the ISO website: https://standards.iso.org/ittf/PubliclyAvailableStandards/index.html.

"ISO/IEC TR 22216:2022Information security, cybersecurity and privacy protection — New concepts and changes in ISO/IEC 15408:2022 and ISO/IEC 18045:2022"

The **ISO/IEC/TR 22216:2022** is a comprehensive guide that introduces new concepts and changes in the ISO/IEC 15408:2022 and ISO/IEC 18045:2022 standards. This document is essential for professionals who are responsible for safeguarding information and ensuring privacy in their organizations.

https://www.iso.org/standard/72890.html


TECHNICAL REPORT

ISO/IEC TR 22216:2022

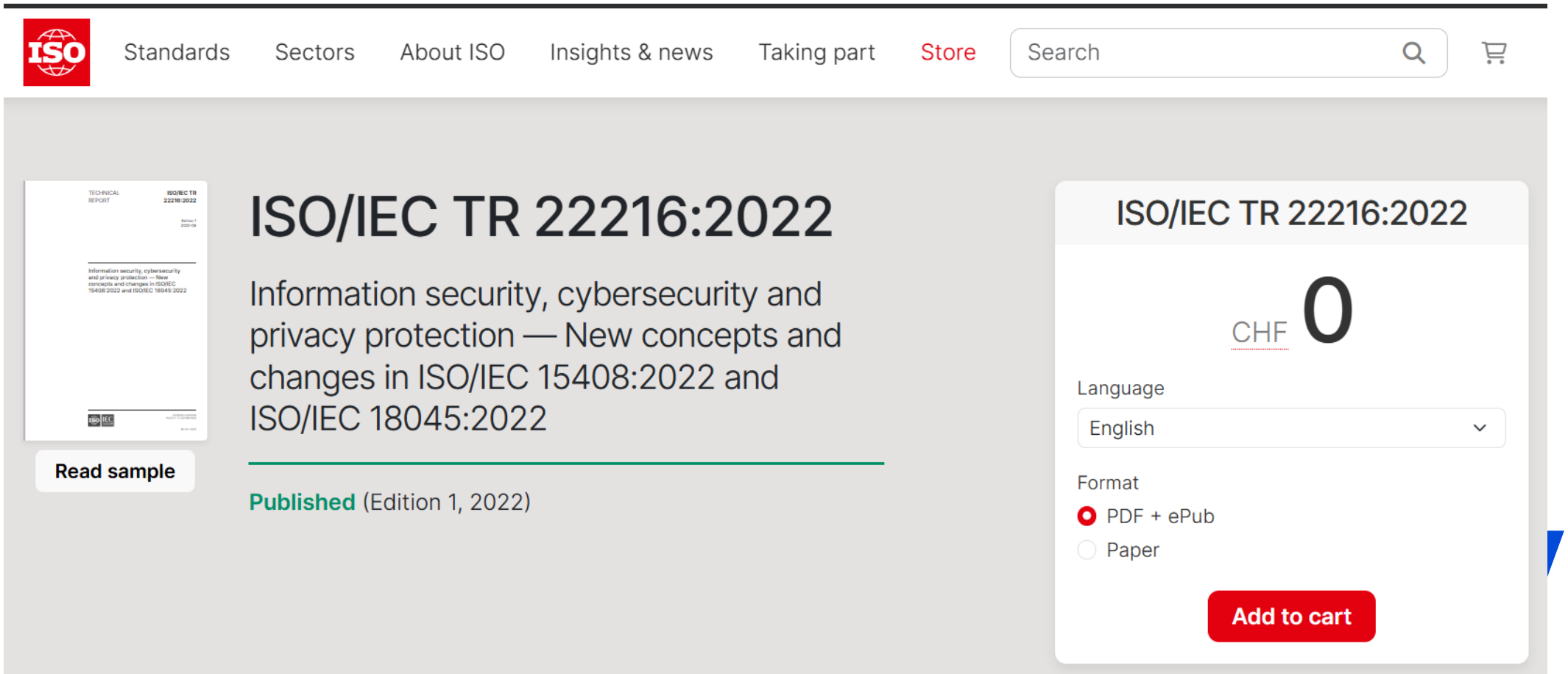
Edition 1
2022-05

Information security, cybersecurity and privacy protection — New concepts and changes in ISO/IEC 15408:2022 and ISO/IEC 18045:2022

ISO IEC

Revision of ISO/IEC TR 22216:2022

The current version of the TR 22216:2022 is now available from the ISO store page at the cost of 0 CHF.

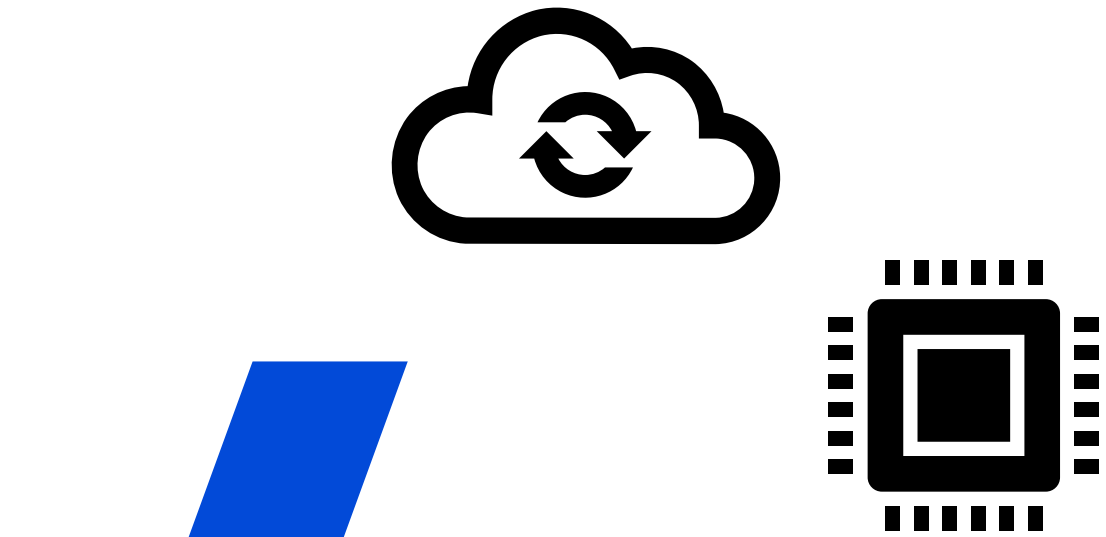


https://www.iso.org/standard/72890.html

Progress Report - PWI 25543

Consideration of the Target of Evaluation Concept for Emerging and Existing Technologies

- **PWI Extension**
  - WG 3 has extended the PWI for 6 months
  - No changes made to its scope
- **Purpose of the Study**
  - Analyze use cases where current TOE (Target of Evaluation) concepts may not apply
  - Cloud-based TOEs, IP soft processors, AI-based solutions, …
- **Study Focus**
  - Identify gaps in existing TOE definitions
  - Explore options to address gaps, such as:
    - Redefining "TOE"
    - Expanding "IT product" definition → Potential impact on ISO/IEC 15408 & 18045
- **Call for Contributions**
  - CCUF input welcomed and encouraged
  - Members may already be exploring evaluation methods for these emerging technologies



Progress Report - PWI 25240

Evaluation of AI-based technology

Background

- PWI 25240 (started April 2024) continues as an incubator for AI-related evaluation projects
- Generated two new projects:
  - (1) ISO/IEC 26160, Enhancing the ISO/IEC 15408 series and ISO/IEC 18045 for the Evaluation of Artificial Intelligence (AI) Functionality
  - (2) ISO/IEC 25959, Application of attack potential to deep learning-based technology

Status of Proposal

- Overlap with SC 42's "Trustworthy AI" proposal has been resolved
- No delay expected for further development
- SC 27/WG 3 encourages focus on:
  - Security problem definitions, Security needs for AI
- Notes that functional safety & legal compliance (from SC 42 proposal) are out of scope

ISO/IEC JTC 1/SC 27/WG 3 **N 3007**

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

WG3_LIAISON_STATEMENT_TO_CCUF_Kunming_September_2025

Document type	Related content	Document date	Expected action
Project / Other	Meeting: Kunming (China) 8 Sep 2025	2025-09-11	**INFO**

ISO/IEC JTC 1/SC 27/WG 3 **N 3030**

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**

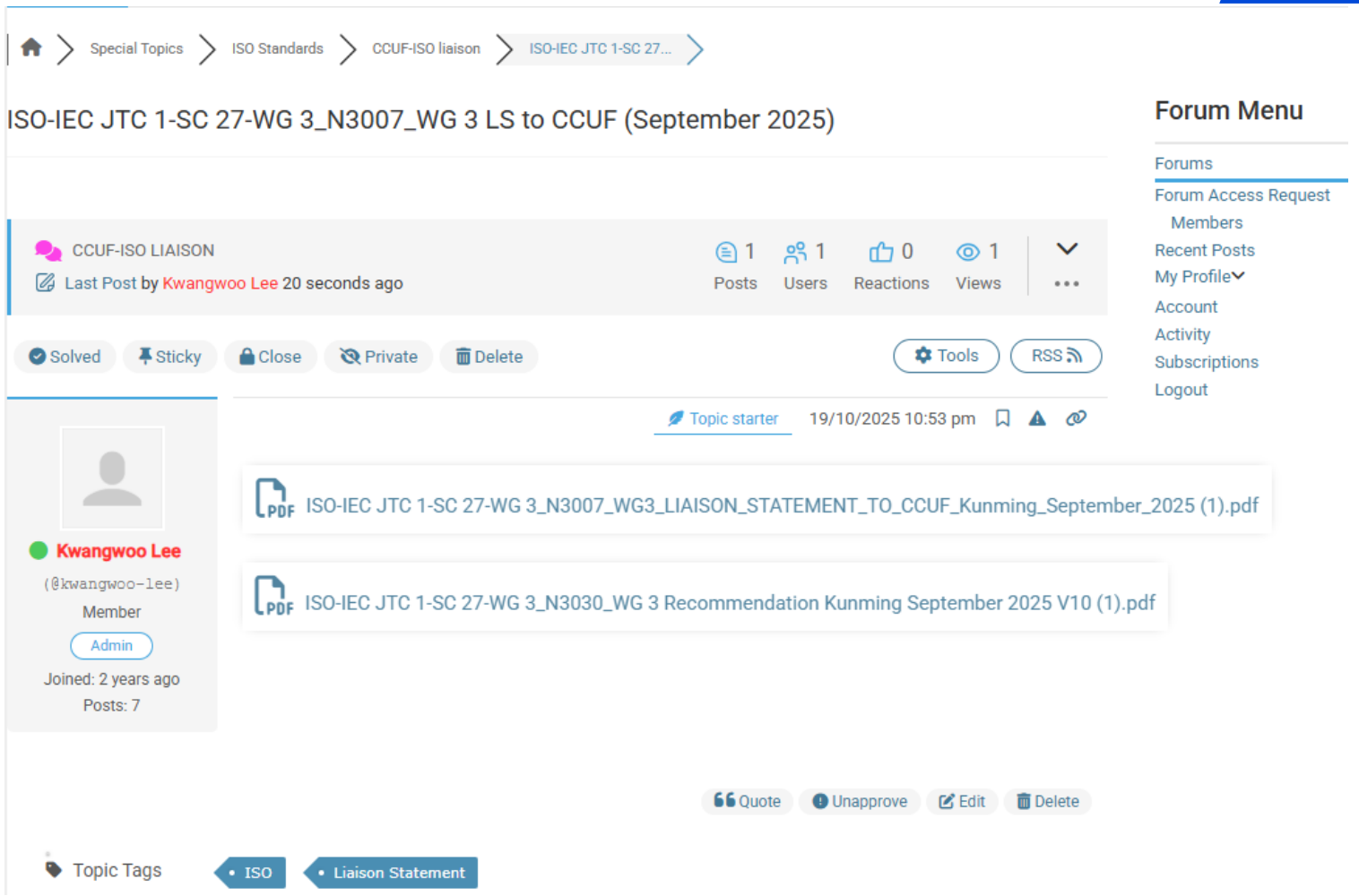
How to contribute

National Body

Common Criteria User Forum

Common Criteria Development Board

How to contribute



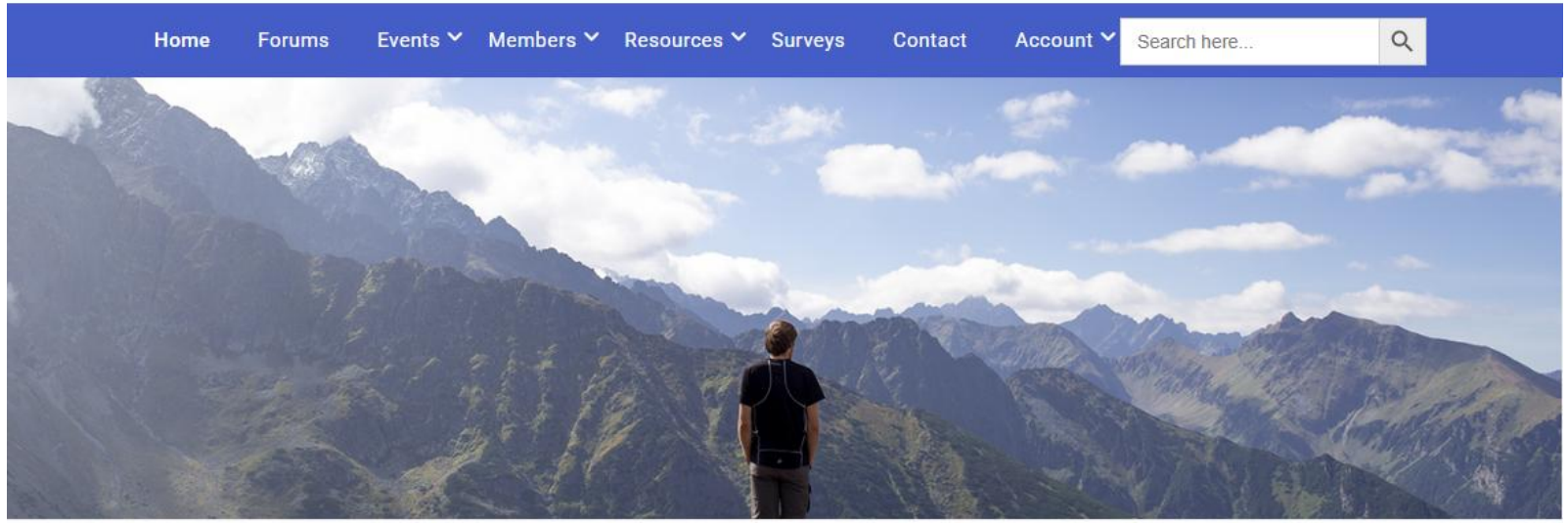
https://ccusersforum.org/forums/ccuf-iso-liaison/iso-iec-jtc-1-sc-27-wg-3_n3007_wg-3-ls-to-ccuf-september-2025/

Complete agenda now posted. Early registration discounts apply through 9 September

CCUF Workshop

CCUF Portal

Common Criteria Users Forum



About the CCUF

The Common Criteria Users Forum (CCUF) was founded in 2012 and is a community based around those using the Common Criteria and ISO/IEC 15408 standards. The CCUF is an evolution of the CC Vendors forum (founded in 2004) and the CC Forum (founded in 2010).

The Common Criteria Users Forum mission is to provide a voice and communications channel between the CC community and the CC organizational committees, CC evaluation schemes, and policy makers.

QUESTIONS FOR THE CCDB

The 28th CCUF Workshop – Songdo Korea – Fall 2025

Oct 16 – CCDB joint session in the afternoon

Oct 17 – working meetings (iTCs, TCs, etc)

Oct 18-19 – see the sights in Seoul

Oct 20 – Joint CCUF meetings/presentations/discussions

https://ccusersforum.org/event/the-28th-ccuf-workshop-seoul-korea-fall-2025/

https://ccusersforum.org/forums/28th-ccuf-workshop-seoul/proposed-agenda-for-ccuf-workshop/

ISO Standards

Overview | Tasks | Milestones | Discussions (8) | Time Tracking | Documents (114) | Team (64) | Gantt Chart

Status: Open

Project Title: ISO Standards

Project Manager: Kwangwoo Lee

Creation date: 12/7/2015

Description: Related to work performed in relation to ISO/IEC JTC/1 SC/27 WG/3.

To join this project, please send a request to Kwangwoo Lee or mgmt@ccusersforum.org

Tags: CC, CCUF, ISO

Thank you!

Kwangwoo Lee

CCUF & SC 27 WG 3 Liaison officer

kwangwoo.lee@hp.com

kwsec.lee@gmail.com