

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

Convenorship: UNE

Convenor: Bañón Miguel Mr



ISO/IEC JTC 1/SC 27/WG 3 Recommendations, Virtual (via Zoom) April 04th – 8th, 2022

Document type	Related content	Document date	Expected action
Meeting / Other	Meeting: VIRTUAL 4 Apr 2022	2022-04-11	INFO

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

72nd Meeting, Virtual (via Zoom)

April 4th – 8th, 2022

All recommendations are approved UNANIMOUSLY unless otherwise noted.

WG Recommendation 1. Acceptance of minutes

ISO/IEC JTC 1/SC 27/WG 3 resolves to accept the minutes of ISO/IEC JTC 1/SC 27/WG 3 of the 63rd virtual meeting, October 25th – 28th 2021, in document WG 3 N2250.

WG Recommendation 2. Appointment of the Drafting Committee

ISO/IEC JTC 1/SC 27/WG 3 resolves to appoint Kwangwoo Lee and Philippe Magnabosco as Drafting Committee of the meeting and instructs them to prepare the draft WG recommendations document for WG 3.

WG Recommendation 3. Appointment of internal Liaison Officer

ISO/IEC JTC 1/SC 27/WG 3 resolves to appoint Naruki Kai as an internal liaison officer between ISO/IEC JTC1/SC 27/JWG 6 and ISO/IEC JTC1/SC 27/WG 3.

WG Recommendation 4. Appointment of Acting Liaison Officers

ISO/IEC JTC 1/SC 27/WG 3 resolves to appoint the following acting liaison officers through the end of the meeting.

Liaison Officer	Liaison Institution
Martin Ward	to ETSI ISG QKD

WG Recommendation 5. Cancellation of Projects

ISO/IEC JTC 1/SC 27/WG 3 resolves to request SC 27 to cancel the following projects listed below.

Title (and N-Nr, if any)	Justification
PWI 29128-2 Information security, cybersecurity and privacy protection — Verification of Cryptographic Protocols — Part 2: Evaluation Methods and Activities for Cryptographic Protocols	Agreed to develop the IS.
PWI 29128-3 Information security — Verification of cryptographic protocols — Part 3: Evaluation Methods and Activities for Protocol Implementation Verification	Agreed to develop the IS.
PWI 7680 Requirements for the competence of ICT products cybersecurity conformity assessment body personnel – Knowledge, skills and effectiveness for ISO/IEC 15408 and ISO/IEC 19790 validators	Agree to cancel this PWI and revise ISO/IEC 19896

WG Recommendation 6. Call for contributions

ISO/IEC JTC 1/SC 27/WG 3 resolve to circulate a call for expert participation and contributions for the following projects. Submissions should reach the WG 3 Secretariat by the due date identified below.

Document	Project	Title	To be sent to/by
WG 3 N2280	PWI 5896	Cybersecurity assurance of systems and system of systems (SoS) based on ISO/IEC 15408	WG 3 Secr/ 2022-08-29
WG 3 N2282	PWI TS 20540	Information technology — Security techniques — Testing cryptographic modules in their operational environment	WG 3 Secr/ 2022-08-29

WG Recommendation 7. Approval of Project Editors/Co-Editors

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

Project	Name (Country)
ISO/IEC 19790	Carolyn FRENCH (CA) Heebong CHOI (KR) * Jean-Pierre QUÉMARD (FR)* Graham Costa (GB) *
ISO/IEC 24759	Heebong CHOI (KR) Carolyn FRENCH (CA)* Jean-Pierre QUÉMARD (FR)* Graham Costa (GB) *

* Co-editor

WG Recommendation 8. Preparation of Documents

ISO/IEC JTC 1/SC 27/WG 3 resolves to request 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 N2192	19792	Information technology — Security techniques — Security evaluation of biometrics	WG 3 Secr. 2022-07-01
WG 3 N2292	24462	Ontology for ICT Trustworthiness Assessment (1 st WD)	WG 3 Secr. 2022-04-12
WG 3 N2294	19896-1	IT security techniques — Competence requirements for information security testers and evaluators — Part 1: Introduction, concepts and general requirements	WG 3 Secr. 2022-07-01
WG 3 N2295	19896-2	IT security techniques — Competence requirements for information security testers and evaluators — Part 2: Knowledge, skills and effectiveness	WG 3 Secr. 2022-07-01

		requirements for ISO/IEC 19790 testers	
WG 3 N2296	19896-3	IT security techniques — Competence requirements for information security testers and evaluators — Part 3: Knowledge, skills and effectiveness requirements for ISO/IEC 15408 evaluators	WG 3 Secr. 2022-07-01

WG Recommendation 9. Updating of documents

ISO/IEC JTC 1/SC 27/WG 3 resolves to request 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 N2297	5891	Information security, cybersecurity and privacy protection - Hardware Monitoring Technology for Hardware Security Assessment *	SC 27 Secr. 2022-07-01	
WG 3 N2298	PWI 7677	Roadmap for the maintenance of ISO/IEC 15408 and ISO/IEC 18045 #	WG 3 Secr. 2022-05-31	
WG 3 N2299	PWI 7677	Roadmap for the maintenance of ISO/IEC 15408 and ISO/IEC 18045	WG 3 Secr. 2022-09-01	
WG 3 N2300	9569	Information security, cybersecurity and privacy protection — Towards Creating an Extension for Patch Management for ISO/IEC 15408 and ISO/IEC 18045	WG 3 Secr. 2022-07-01	WG 3 N2281
WG 3 N2301	17825	Information technology — Security techniques — Testing methods for the mitigation of non-invasive attack classes against cryptographic modules	SC 27 Secr. 2022-07-01	WG 3 N2283
WG 3 N2303	19790	Information technology — Security techniques — Security requirements for cryptographic modules	WG 3 Secr. 2022-07-01	WG 3 N2302
WG 3 N2293	24462	Ontology for ICT Trustworthiness Assessment (2 nd WD)	WG 3 Secr. 2022-07-15	
WG 3 N2188	24485	Information technology — Security techniques — Security	SC 27 Secr. 2022-06-01	

		properties, test and evaluation guidance for white box cryptography		
WG 3 N2305	24759	Information technology — Security techniques — Test requirements for cryptographic modules	WG 3 Secr. 2022-07-01	WG 3 N2304
WG 3 N2306	--	WG 3 Roadmap	WG 3 Secr. 2022-07-01	

* Subject to approval of title change

will be updated through the add-hoc meeting at June

WG Recommendation 10. Documents for Study and Comment

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

Document	Project	Title	Comments Due date
WG 3 N2303	19790	Information technology — Security techniques — Security requirements for cryptographic modules	2022-08-05
WG 3 N2192	19792	Information technology — Security techniques — Security evaluation of biometrics	2022-08-05
WG 3 N2294	19896-1	IT security techniques — Competence requirements for information security testers and evaluators — Part 1: Introduction, concepts and general requirements	2022-08-05
WG 3 N2295	19896-2	IT security techniques — Competence requirements for information security testers and evaluators — Part 2: Knowledge, skills and effectiveness requirements for ISO/IEC 19790 testers	2022-08-05
WG 3 N2296	19896-3	IT security techniques — Competence requirements for information security testers and evaluators — Part 3: Knowledge, skills and effectiveness requirements for ISO/IEC 15408 evaluators	2022-08-05
WG 3 N2292	24462	Ontology for ICT Trustworthiness Assessment (1 st WD)	2022-06-12
WG 3 N2293	24462	Ontology for ICT Trustworthiness Assessment (2 nd WD)	2022-09-15
WG 3 N2305	24759	Information technology — Security techniques — Test requirements for cryptographic modules	2022-08-05

WG Recommendation 11. Revision of ISO/IEC 19896-1:2018

ISO/IEC JTC 1/SC 27/WG 3 resolves to request SC 27 to note the justification of revision described in WG 3 N2287 and approves a revision of ISO/IEC 19896-1:2018.

- development track (18, 24, 36 months): 24 months
- project editor(s): name (country)
Fiona Stewart (US), Heebong Choi (KR)*, Carolyn French (CA)*
* co-editor
- WG in charge: WG 3
- 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): 2023-02-01
- Circulation of CD (30.20) (if any): 2024-02-01
- Submission of DIS (40.00): 2024-06-01
- Publication: 2024-12-01

P-Members are invited to appoint experts to contribute to the project.

WG Recommendation 12. Revision of ISO/IEC 19896-2:2018

ISO/IEC JTC 1/SC 27/WG 3 resolves to request SC 27 to note the justification of revision described in WG 3 N2287 and approves a revision of ISO/IEC 19896-2:2018.

- development track (18, 24, 36 months): 24 months
- project editor(s): name (country)
Heebong Choi (KR), Carolyn French (CA) *, Fiona Stewart (US)*
* co-editor
- WG in charge: WG 3
- 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): 2023-02-01
- Circulation of CD (30.20) (if any): 2024-02-01
- Submission of DIS (40.00): 2024-06-01
- Publication: 2024-12-01

P-Members are invited to appoint experts to contribute to the project.

WG Recommendation 13. Revision of ISO/IEC 19896-3:2018

ISO/IEC JTC 1/SC 27/WG 3 resolves to request SC 27 to note the justification of revision described in WG 3 N2287 and approves a revision of ISO/IEC 19896-3:2018.

- development track (18, 24, 36 months): 24 months
- project editor(s): name (country)
Fiona Stewart (US), Carolyn French (CA)*, Heebong Choi (KR)*
* co-editor
- WG in charge: WG 3
- 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): 2023-02-01
- Circulation of CD (30.20) (if any): 2024-02-01
- Submission of DIS (40.00): 2024-06-01
- Publication: 2024-12-01

P-Members are invited to appoint experts to contribute to the project.

WG Recommendation 14. New Work Items

ISO/IEC JTC 1/SC 27/WG 3 resolves to invite the SC 27 Secretariat to submit the following NP with the ballot period indicated.

Title (and N-Nr, if any)
Information security, cybersecurity and privacy protection — Verification of Cryptographic Protocols — Part 2: Evaluation Methods and Activities for Cryptographic Protocols (WG 3 N2290) *
Information security, cybersecurity and privacy protection — Verification of cryptographic protocols — Part 3: Evaluation Methods and Activities for Protocol Implementation Verification (WG 3 N2291) *

* Following experts have expressed their interest to actively participate in the development of 29128-2 and 29128-3 should these projects be approved through an NP ballots: Carolyn French (CA), Sylvain Guilley (FR), Naruki Kai (JP), Heebong Choi (KR) and Yi Mao (US)

WG Recommendation 15. Confirmation of ISO/IEC 18367:2016

ISO/IEC JTC 1/SC 27/WG 3 notes the comments and ballot results from the Systematic Review of ISO/IEC 18367:2016 in N22243 and resolves to confirm this Standard for an additional five years.

WG Recommendation 16. Confirmation of ISO/IEC TS 19608:2018

ISO/IEC JTC 1/SC 27/WG 3 notes the comments and ballot results from the Systematic Review of ISO/IEC TS 19608:2018 in N22249 and resolves to confirm this Standard for an additional five years.

WG Recommendation 17. Confirmation of ISO/IEC TS 30104:2015

ISO/IEC JTC 1/SC 27/WG 3 notes the comments and ballot results from the Systematic Review of ISO/IEC TS 30104:2015 in N22250 and resolves to confirm this Standard for an additional five years.

WG Recommendation 18. Document for DTS

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

Document	Project	Title
WG 3 N2300	9569	Information security, cybersecurity and privacy protection — Towards Creating an Extension for Patch Management for ISO/IEC 15408 and ISO/IEC 18045

WG Recommendation 19. Document for 1st CD

ISO/IEC JTC 1/SC 27/WG 3 resolves to request the SC 27 Secretariat to register the following document as 1st CD to circulate for balloting.

Document	Project	Title
WG 3 N2301	17825	Information technology — Security techniques — Testing methods for the mitigation of non-invasive attack classes against cryptographic modules

WG Recommendation 20. Title Changes

ISO/IEC JTC 1/SC 27/WG 3 resolves to change the following project title.

Project	Current Title	New Title	Justification
ISO/IEC TR 5891	A general framework for runtime hardware security assessment	Information security, cybersecurity and privacy protection - Hardware Monitoring Technology for Hardware Security Assessment	Change the title to match the content of the TR.
ISO/IEC TR 5895	Multi-party coordinated Vulnerability disclosure and handling	Cybersecurity — Multi-party Coordinated vulnerability disclosure and handling	The current registered title is incorrect. The new title (the one used for DTR) is the right title.

WG Recommendation 21. Liaison Statements

ISO/IEC JTC 1/SC 27/WG 3 resolves to approve the following liaison statements and requests the WG 3 Secretariat to send these liaison statements to the committees/institutions concerned.

Document	To	Topic	Reference
WG 3 N2284	CCDB	All projects	WG3N2259
WG 3 N2289	CCUF	All projects	WG3N2268

WG 3 N2285	ETSI ISG QKD	23837	WG3N2225, WG3N2232 WG3N2265
WG 3 N2286	SC 37	19989 19792	N22215, N22220, WG3N2263

WG Recommendation 22. 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
2022-05-12 2022-06-09 2022-07-07 2022-08-04 2022-09-01 2022-09-29 13:00 -14:00 UTC	PWI 5896 Cybersecurity assurance of systems and system of systems (SoS) based on ISO/IEC 15408	Zoom
2022-07-01	Ad-hoc editing meeting for 1 st WD 24462 Ontology for ICT Trustworthiness Assessment	Zoom
2022-06 (Date: TBD)	Ad-hoc editing meeting for PWI 7677 Roadmap for the maintenance of ISO/IEC 15408 and ISO/IEC 18045	Zoom
2022-09 (Date: TBD)	Preparation meeting for PWI 7677 Roadmap for the maintenance of ISO/IEC 15408 and ISO/IEC 18045	Zoom

Resolution A Thanks to the SC 27 Committee Manager

ISO/IEC JTC 1/SC 27/WG 3 thanks 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 Philippe Magnabosco 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
Heebong Choi Randall Easter Carolyn French	23532-1	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security testing and evaluation laboratories — Part 1: Evaluation for ISO/IEC 15408
Heebong Choi Randall Easter Carolyn French	23532-2	Information security, cybersecurity and privacy protection — Requirements for the competence of IT security testing and evaluation laboratories — Part 2: Testing for ISO/IEC 19790

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