BUREAU OF INDIAN STANDARDS

MINUTES

TWENTY FOURTH MEETING OF INFORMATION SYSTEMS SECURITY AND PRIVACY SECTIONAL COMMITTEE, LITD 17 ALONG WITH ITS PANELS AND WORKING GROUPS

DATE: 02 June 2023 DAY : FRIDAY TIME : 1030H -1330H	VENUE: Hybrid meeting (Lal C Verman Hall, Manak Bhavan, Bureau of Indian Standards, 9 Bahadur Shah Zafar Marg, New Delhi+ Webex)
Chairman*: Shri Arvind Kumar	**Member Secretary:** Shri Kshitij Bathla

List of participants is given in **Annex 1.**

ITEM 0 WELCOME

0.1 Member Secretary extended a warm welcome to the members present in the meeting. Member secretary informed that due to some medical emergency Shri Arvind Kumar, Chairperson LITD 17 is unable to participate in the meeting and he has suggested that Shri A. K Upadhyaya may chair today's meeting. The committee agreed to the suggestion.

0.2 Shri A. K Upadhyaya, Chairperson for the meeting extended a warm welcome to the members present in the meeting. He sought active participation of all the participants.

ITEM 1 FORMAL CONFIRMATION OF THE MINUTES OF LAST MEETING

1.1 Minutes of the 23rd meeting of 'Information Systems Security and Privacy' Sectional Committee, LITD 17 held on 02 June 2023 were circulated on 1st March 2023. No Comments have been received. The committee formally confirmed the minutes.

ITEM 2 REVIEW OF SCOPE & COMPOSITION OF SECTIONAL COMMITTEE AND ITS PANEL LITD17

2.1 The committee noted the information as given at item 2.1 of the agenda

2.2 The committee noted the information as given at item 2.2 of the agenda. It was decided to once again approach ARM and IIT Kanpur requesting them for active participation. Mr. Narang Kishor volunteered to help member secretary to approach ARM.

The committee decided to approach organizations who have neither participated in two meetings nor contributed by way of commenting on any of the documents to consider active participation in the committee work. The committee also decided that in case of no response from such organizations, the organizations would be recommended for withdrawal in consultation with the chairperson LITD 17

2.3 The committee also considered the co-option requests as mentioned as item 2.3 of the agenda. Member Secretary informed Mr. Veerababu Penugonda had approached 'Alarms and Electronic Security Systems' LITD 26 committee for co-option however LITD 26 in its meeting held on 30th May recommended LITD 17 to consider the co-option request of Mr. Veerababu Penugonda as his profile is related to IoT Security.

The committee deliberated and decided as follows:

Mr. Yuvaraj Govindarajulu	Robert Bosch Engineering and Business Solutions, Bengaluru	The committee decided to include BOSCH as invitee to LITD 17/Panel 6 and based on their contributions further decision would be taken in subsequent meetings.
Ms. Sumitra Biswal	Bosch Limited, Bengaluru	
Mr Dinesh Chand Sharma	EU Project SESEI	Considering ISO is already collaborating with EU standardization bodies so the committee decided to include Mr. Dinesh Chand Sharma in additional mailing list of LITD 17.
Mr. Veerababu Penugonda		The committee decided to invite him to LITD 17/Panel 5 IoT Security and Privacy Panel

Updated composition is given in **Annex -2** and updated list of invitees to LITD 17/Panel 6 is as follows:
   a) Dell
   b) The Institution of Electronics and Telecommunication Engineers
   c) Mr. Rajendra Kathalrajen (In Personal Capacity)
   d) Mr. Partha Chakravarty (In Personal Capacity)
   e) Dr. Shrishendu Roy (In Personal Capacity)
   f) Dr Shalini Bhartiya (Vivekananda Institute of Professional Studies)
   g) Dr. Jyotsna Kumar Mandal (University of Kalyani)
   h) Engineers India Limited (EIL)
   i) Bosch Global Software Technologies Pvt Ltd (BGSW)

ITEM 3 INTERNATIONAL STANDARDIZATION ACTIVITIES

3.1 The committee noted the information as given at item 3.1 of the agenda

3.2 Experts Registered in JTC 1/SC 27 and JTC 1/WG 13

The committee considered the information as given at item 3.2 of the agenda. Member secretary informed that information related to under development documents of JTC 1/SC 27 along with status of participation of experts as available was shared with the registered experts. Experts were requested to confirm the status and to provide an update w.r.t their participation and contributions.

All registered experts were requested to provide during the meeting. Update was provided by Mr. Sanjiv Agarwala, Mr Sanjeev Chhabra, Mr. Srinivas P, Dr. Vishnu Kanhere, Mr. Raakesh T, Dr. Gargi Keeni, Prof Sanjit Chatterjee, Dr Gautham Sekar ,Mr Abhik Chaudhuri, Dr Sarmistha Neogy, Mr Vishal Kumar and Member Secretary.

The committee requested the experts registered to actively participate in their respective working groups and to specifically provide inputs at Working Draft (WD) Stage. The committee deliberated and decided as follows:

a) Member Secretary would share updated list of under development documents of JTC 1/SC 27 and accordingly each registered expert needs to identify the projects in which he/she would contribute for his/her respective working group. Experts were requested to inform such project within 30 days and in case of no further information by registered expert, the respective expert would be removed from the respective JTC 1/SC 27 WG.
b) Registered experts shall regularly provide their report of participation to LITD 17.
c) To approach IIT Roorkee for contributions to JTC 1/SC 27 WG 2

3.3 MEETINGS OF ISO/IEC JTC 1/SC 27

3.3.1 37th meeting of JTC 1/SC 27 and working group

The committee noted the information as given at item 3.3.1 of the agenda.

3.3.2 37th meeting of JTC 1/SC 27 and working group

The committee considered the information as given at item 3.3.2 of the agenda.

Member secretary informed that he had participated in the WG meetings (17th -21st April 2023) of JTC 1/SC 27 in person at USA and plenary meetings (24th and 25th April 2023) were attended virtually. He also informed that all other delegates had participated in the meetings through remote participation mode.

Mr. Sanjiv Agarwala, Mr Sanjeev Chhabra, Mr. Srinivas P, Dr. Vishnu Kanhere, Mr. Raakesh T, Dr Gautham Sekar, Mr Abhik Chaudhuri, Prof Sanjit Chatterjee, and Mr. Kshitij Bathla provided their report of participation in the WG meetings of JTC 1/SC 27. It was also informed that Ms. Reena Garg, Mr. Kshitij Bathla, Mr. Sanjiv Agarwala and Dr. Vishnu Kanhere had participated in the JTC 1/SC 27 Plenary meetings.

During the debriefing specific suggestions were provided related to PWI Security and Privacy of Digital Twin. Suggestions were made that concepts of Digital twin and architecture should be conceptualized before considering security and privacy of Digital Twin. Member Secretary informed that this aspect was discussed during the SC 27/WG meetings as well and there is already work in progress in JTC 1/SC 41. It was also informed that LITD 27 is the National Mirror committee of JTC 1/SC 41 and inputs

related to Digital Twin could be submitted to LITD 27. Only aspects related to Security and Privacy of Digital Twin could be considered in LITD 17.

3.3.3 38th meeting of JTC 1/SC 27 and working group

The committee noted the information as given at item 3.3.3 of the agenda. Member Secretary informed that next plenary meetings of JTC 1/SC 27 are scheduled to be held virtually during 24th and 25th October 2023 (05:00 UTC - 09:00 UTC). Member secretary also informed about the modes of meetings [Face to Face, Hybrid, Face to Face with remote participation] available for JTC 1 and its Sub - Committee meetings as mentioned in the JTC 1 SD 19 'Meetings'.

Mr. Srinivas P suggested that meetings should be either only face to face or only virtual because of the challenges with Hybrid meeting until unless there are state of the art system to facilitate Hybrid meetings. He also conveyed that physical meetings are always more effective however considering the recent scenario SC 27 meetings should have Hybrid mode. Mr. Srinivas P suggested that if possible we should push this aspect of meeting modes. Dr. Gargi Keeni informed that JTC 1 SD 19 is recently updated document so there is little possibility of another change in JTC 1 SD 19 unless there is some concrete proposal in terms of better suggestions for JTC 1 SD 19. She suggested that if as National Body we have some suggestions then we can submit to JTC 1.

The committee deliberated and requested members to provide their suggestions related to meeting modes so as to accordingly consider the suggestions for further submission. Dr. Gargi Keeni being CAG member was requested to provide further update related to schedule of October 2023 meeting of JTC 1/SC 27.

3.4 The committee considered the information as given at item 3.4 of the agenda. Members were requested to consider and inform the standards which may be considered for adoption as Indian Standard.

3.5 The committee considered the list of standards published by JTC 1/SC 27 and corresponding Indian standards as given in Annex-4 of the agenda**.** Member secretary informed that lists of standards published by JTC 1/SC 27 and LITD 17 are in public domain and are available on respective websites of ISO and BIS. Member secretary informed that list given in Annex-4 is mapping of both these lists so as to identify the standards which have been adopted or not adopted as Indian Standard. Members appreciated the information given in Annex-4. Members informed that this information would be very useful. Members suggested to explore the feasibility of providing this information on BIS website as well. It was also suggested that against this information; the information related to usage of standards could also be captured.

Further Mr. Narang Kishor suggested regarding mapping of standards of security and privacy w.r.t use cases or specific concerns where these could be utilized. Member Secretary informed that this aspect was discussed in the last meeting as well. The committee deliberated again and It was decided that members interested to volunteer for this work may confirm to the member secretary so that accordingly those members along with Mr. Narang Kishor may provide initial draft proposal of mapping for further discussion in subsequent meetings.

Members were also requested to consider the list and inform the standards which could be considered for adoption as Indian Standards.

ITEM 4 PRESENT POSITION OF WORK OF LITD 17

4.1 The committee noted the information as given at item 4.1 of the agenda.

4.2 The committee noted the information as given at item 4.2 of the agenda.

ITEM 5 INPUTS RECEIVED/AWAITED BASED ON DECISIONS OF PREVIOUS MEETING & PROGRESS OF WORK ASSIGNED TO PANELS

5.1 Panel 3 "Privacy Information Management System"

The committee considered the information as given at item 5.1 of the agenda. Mr. Rakesh Maheshwari (In personal capacity) was appointed as co-convener of LITD 17/Panel 3. LITD 17/Panel 3 was requested to provide its recommendation at the earliest.

Members interested to contribute to review of IS 17428 (Part 1 and Part 2) were requested to inform their interest accordingly panel may consider such requests.

5.2 Panel 4 "Mobile Security Standards"
The committee noted the information as given at item 5.2 of the agenda.

5.3 Panel 5 "IoT Security and Privacy"

Member Secretary informed that based on the last meeting decision, following documents have been published in wide circulation and last date for inputs in 26th June 2023:

S.no	Doc No	Title
1.	LITD 17 (19140)	Internet of Things Security & Privacy Part 1 Overview
2.	LITD 17 (19142)	Internet of Things Security & Privacy Part 2 Controls and Requirements
3.	LITD 17 (19143)	Internet of Things Security & Privacy Part 3 Assessment and Evaluation

He also informed that a webinar related to above draft standards was organized on 23 May 2023. The committee decided that comments received during wide circulation stage would be considered by LITD 17/Panel 5 for resolution of comments and further recommendation to LITD 17.

5.4 LITD 17/Panel 6 "For inputs on JTC 1/SC 27 Documents"

The committee noted the information as given at item 5.4 of the agenda.

5.5 Adoption of ISO/IEC 27099:2022 Information technology — Public key infrastructure — Practices and policy framework

The committee considered the information as given at item 5.5 and it was decided to circulate ISO/IEC 27099:2022 as draft Indian Standard in wide circulation for a period of two months.

5.6 Adoption of ISO/IEC 18033- 7:2022 'Information security — Encryption algorithms — Part 7: Tweakable block ciphers'

The committee considered the information as given at item 5.6 and it was decided to circulate ISO/IEC 18033-7:2022 as draft Indian Standard in wide circulation for a period of two months.

It was also decided to circulate deliberations held related to ISO/IEC FDIS 18033-7 along with wide circulation of ISO/IEC 18033-7:2022.

5.7 Adoption of ISO/IEC 27559:2022 'Information security, cybersecurity and privacy protection – Privacy enhancing data de-identification framework'

The committee considered the information as given at item 5.7. It was decided to request STQC and CDAC to provide the document developed by them. LITD 17/Panel 3 was requested to consider ISO/IEC 27559, ISO/IEC 20889 , document developed by STQC and CDAC working group on Anonymization of data. LITD 17/Panel 3 was requested to recommend the standards required to be adopted as Indian Standard.

5.8 DOCUMENTS of JTC 1/SC 27

The committee considered the information as given at item 5.8 and following was decided:

SL. No	Document No. & Title	Closing Date for ISO voting	Last date for inputs by LITD 30/LITD 30 Panel Member/Invitee	Decision/Remarks
1	Systematic review (SR) ISO/IEC 27000:2018 (Ed 5) Information technology — Security techniques — Information security management systems — Overview and vocabulary	4 June 2023	India has adopted this as Indian Standard.	To vote confirmation
2	Systematic review (SR) ISO/IEC TS 27008:2019 Information technology — Security techniques — Guidelines for the assessment of information security controls	4 June 2023	India has adopted this as Indian Standard.	To vote confirmation
3	Call for Convenor Support - SC 27/AG 6 "Operations"	25 June 2023		Members were requested to provide inputs
4	ISO/IEC DIS 27403 Cybersecurity – IoT security and privacy – Guidelines for	26 June 2023	At the last stage, India voted for Abstention. This	Members were requested to provide inputs

	IoT-domotics		is a new standard under development.	
5	ISO/IEC DIS 27554 Application of ISO 31000 for assessment of identity-related risk	27 June 2023	This is a new standard under development.	Members were requested to provide inputs
6	ISO/IEC DIS 27031 (Ed 2) Information technology — Cybersecurity — Information and communication technology readiness for business continuity	5 July 2023	At the last stage, India Voted Abstention	Members were requested to provide inputs
7	Systematic review (SR) ISO/IEC 27034-3:2018 Information technology — Application security — Part 3: Application security management process	2 Sept 2023	India has adopted this as Indian Standard. We have to provide our input whether any amendment/revision/withdrawal is required?	Members were requested to provide inputs
8	Systematic review (SR) ISO/IEC 27034-7:2018 Information technology — Application security — Part 7: Assurance prediction framework	2 Sept 2023	India has adopted this as Indian Standard. We have to provide our input whether any amendment/revision/withdrawal is required?	Members were requested to provide inputs

5.9 LITD 17/Panel 7 "Trustworthiness"

a) The committee noted the information as given at item 5.9 of the agenda. Mr. Narang Kishor informed that based on feedback received PWI 5957 'Trustworthiness – Reference Architecture' of JTC 1/WG 13 has been deferred till 'Trustworthiness Overview and Concepts' are matured enough.

b) During the discussions, Dr Sarmistha Neogy and BOSCH representatives conveyed inclination to contribute to the Trustworthiness group. The committee deliberated and Mr. Narang Kishor was requested to provide brief update on the work of JTC 1/WG 13 for circulation to the members. Members were requested to consider and inform their interest so that accordingly meeting of LITD 17/Panel 7 may be planned.

ITEM 6 DOCUMENTS IN WIDE CIRCULATION

6.1 The committee considered the information as given at item 6.1 of the agenda. It was decided that in case of no comments by 11 July 2023 following documents would be finalized for publication and in case comments are received then the comments would be put up to the committee:

LITD/17/22419 (Identical To: ISO/IEC 29192-8:2022)	Information Security Lightweight Cryptography Part 8: Authenticated Encryption
LITD/17/22427 (Identical To: ISO/IEC 27036-2:2022)	Cybersecurity Supplier Relationships Part 2: Requirements

ITEM 7 NEW WORK ITEM PROPOSAL

7.1 The committee noted the information as given at item 7.1 of the agenda.

ITEM 8 INFORMATION RELATED TO IMPLEMENTATION OF STANDARDS

8.1 The committee noted the information as given at item 8.1 of the agenda and members were requested to inform about usage of standards by their respective organizations.
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ITEM 9 STANDARDIZATION PROCESS REFORMS

9.1. The committee considered the information as given at item 9.1 of the agenda. Member secretary provided brief update on each standardization process reforms. Presentation is given in **Annex -3**.

ITEM 10 MANAKONLINE

10.1 The committee noted the information as given at item 10.1 of the agenda

ITEM 11 INFORMATION ON E-SALE OF STANDARDS BY BIS

11.1 The committee noted the information as given at item 11.1 of the agenda.

ITEM 12 NATIONAL INSTITUTE FOR TRAINING IN STANDARDISATION (NITS)

12.1 The committee noted the information as given at item 12.1 of the agenda.

ITEM 13 DATE AND PLACE FOR THE NEXT MEETING

13.1 It was decided to tentatively hold next meeting of LITD 17 in August 2023 and exact date and time would be decided in consultation with the chairperson LITD 17.

ITEM 14 ANY OTHER BUSINESS

14.1 Mr. Rahul suggested to plan a conference/seminar to further promote standardization work of this committee. The committee agreed to suggestion and decided to finalize further course of action based on further suggestion of members.

14.2 There being no other business to be discussed, meeting ended with vote of thanks to chairperson and all the participants.