



भारतीय मानक ब्यूरो
Bureau of Indian Standard

इलेक्ट्रॉनिक्स एवं सूचना प्रौद्योगिकी विभाग
Electronics and Information Technology Department

MINUTES OF MEETING

**18th Meeting of LITD 13 Interconnection and Information Exchange
Among IT Equipment and Systems Sectional Committee**

Venue	Hybrid Mode
Meeting Link	https://bismanak.webex.com/bismanak/j.php?MTID=md2f657f316fbe343742da9eed41c83ad
Meeting No.	2517 087 3601
Password	Litd@13
Date	September 4, 2024
Time	11:00 AM

LIST OF PERTICIPANTS: -

Chairperson: Dr. B M Baveja (Individual Capacity)

Member Secretary: Shri Devansh Deolekar (Scientist-D, LITD)

Sl.No.	Members Names	Organization
1.	Mr Junaid A Siddiquee	Apple India Pvt. Ltd.
2.	Mr Manish Gupta	Apple India Pvt. Ltd.
3.	Mr Ramu Patchala	Apple India Pvt. Ltd.
4.	Mr Amitabh	IIFON
5.	Ms Neha Gupta	Centre for Development of Advanced Computing (C-DAC)
6.	Mr Vivek Khaneja	Centre for Development of Advanced Computing (C-DAC)
7.	Mr Sourish Behera	Centre for Development of Advanced Computing (C-DAC)
8.	Mr Sukh Bir Singh	Conformity Testing Laboratory Private Limited
9.	Mr Harbans Wadhwa	Consumer Voice, New Delhi
10.	Col QA SDCC	Directorate General of Quality Assurance (DGQA)
11.	Mr Anand Raje	India Internet Foundation (IIFON)
12.	Mr Anupam Agrawal	India Internet Foundation (IIFON)
13.	Dr Neeraj Agarwal	Indian Cellular and Electronics Association (ICEA)
14.	Dr B M Baveja	Individual Capacity
15.	Mr Raunak Mishra	Manufacturers' Association for Information Technology (MAIT)



16.	Mr Narang N Kishore	Narnix Technolabs Private Limited
17.	Mr R S Mani	National Informatics Centre (NIC)
18.	Mr Nitin Sharma	Seconded European Standardization Expert for India (SESEI)
19.	Ms Darshana Bhatt	Sterlite Technologies Limited (STL)
20.	Mr Anupam Agrawal	Tata Consultancy Services Limited (TCS)
21.	Ms Manisha Kumari	Telecom Equipment Manufacturers Association (TEMA)
22.	Prof NK Goyal	Telecom Equipment Manufacturers Association (TEMA)
23.	Mr Jasvir Singh Panesar	Telecommunication Engineering Center (TEC)
24.	Ms Bindoo Srivastava	Telecommunications Standards Development Society India (TSDSI)

Item 0 WELCOME AND INTRODUCTORY REMARKS

0.1 The Member Secretary extended a warm welcome to all the members to the 18th meeting of LITD 13

0.2 He informed the committee regarding the activities of panels under LITD 13 and acknowledged the contribution of members. He acknowledged the contribution of members towards the activities of the committee.

0.3 Dr. B M Baveja extended warm welcome to all the members present and requested all the members for their effective and constructive contribution in standardization activities of the committee. He showed happiness to be associated with the standardization activity and urged the need of active participation from some of the key members. He volunteered for speaking to heads of various organizations who are not actively involved in the standardization work. He then requested member secretary to carry on the agenda items.

Item 1 CONFIRMATION OF THE MINUTES OF PREVIOUS MEETING

1.1 Since no comments were received, the committee formally confirmed the minutes of the last (17th) meeting of LITD 13 sectional Committee held on 10th April 2024, which were circulated via BIS Portal.

Item 2 COMPOSITION OF SECTIONAL COMMITTEE/ PANEL

2.1 The committee reviewed the scope and composition of LITD 13 given in **Annex-1** of the agenda. The committee suggests for active participation.

Item 3 PROPOSAL FOR A NEW STANDARD ON NETWORK MATURITY ASSESSMENT MODEL

3.1 BIS has received a proposal from India Internet Foundation (IIFON) to develop an Indian standard on Network Maturity Assessment Model (NMAM). The purpose of this standard is to enable the evaluation of the Network of an organization. While an organization can claim that they are adopting certain core security practices as outlined in ISO 27001, it is not possible to establish their maturity or readiness levels based on their conformance to 27001. Further the ISO standard 27033 provides network security related practices but it does cater to other network elements. This standard will provide the necessary foundations for evaluating the network readiness and maturity levels of an organization. The proposed standard will be used by organizations wanting to undergo network maturity assessment and interested in providing Network Maturity Assessment Services. The proposed scope of the standard is as follows:



3.2 Proposed Scope: To provide comprehensive methodology for Network maturity assessment covering:

Process to understand Enterprise network goals, relevant network elements and needs, Network Elements maturity assessment process, establishment of opportunities for improvement.

The proposal was presented to the Divisional Council of LITD during its meeting dated 24 June 2024, and considered the information as given above and the presentation delivered by the proposer Shri Amitabh Singhal, India Internet Foundation (IIFON).

The Council decided to allocate the proposal on 'Network Maturity Model' to LITD13 'Interconnection and Information Exchange among IT equipment and systems' Sectional Committee for further deliberation and deciding the further course of action to be taken on the proposal.

With the permission of the Chair, Amitabh Singhal, IIFON introduced and requested Anupam Agarwal as Chair, IIFON, who made the initial presentation to the members present, on the scope, elements and content of the proposed Standards under the NMAM initiative. The initial Table of Contents was summarised as well.

Amitabh Singhal then emphasised the critical need for such a Standard, considering that enterprise networks are under increasing pressure from Regulators for failing in complying and are also being penalised due to the end users/customers at large being left vulnerable.

On Chairman's prompt, queries were raised by several members and are summarised as under:

1. Cost of the project and who supports financially?

Ans: Initially IIFON is volunteering with the team within investing its personal time and resources, including part use of IIFON's existing infrastructure. Initially, we expect volunteers to support and once a workable framework is prepared, proposals can be floated to seek financial support to cover costs.

Chair: accepted and confirmed that such proposals do start as individual efforts and subsequently interested and affected entities will support.

2. Are such NMAM Models or similar frameworks available globally already?

Ans: Yes, there are global efforts and some frameworks relating to various elements of different networks and elements, but are not aware if such an all-encompassing NMAM Model truly exists. Even if some do, project will consider them and harmonize the same with various practices and standards by different bodies within India and we'll have to work with them to create an India initiated Network Maturity Model Framework.

Mr. Goyal, Mr. Mani, Mr. Narang, Ms. Bindoo, all supported the initiative and considered it as an important step to develop the Standards framework as being proposed and made various other suggestions and recommendations.

Chair, then brainstormed with the members and after deliberations proposed, that this panel may invite and co-opt experts from relevant organisations such as TEC, DoT, MeitY, STQC, Cert-in, NIXI, Academia, Service providers like ISPs, Cloud Service providers, CDNs, Security orgs, etc.

Ms. Bindoo and Mr. Anand Raje, discussed the upcoming Standards Hackathon being supported by various Academic institutions across the country and it was agreed that this will be a good opportunity to make Academia aware of the proposal and seek their involvement.

The suggestion was accepted by all.



The Chair, then proposed to accept the constitution of the Panel, with Amitabh Singhal as Convenor, Dr. Mani as Co-Convenor of the panel.

The Panel will report to the LITD 13 Sectional committee periodically on its progress.

IIFON team thanked the Chair and all members present for their support, constructive feedback and inputs and their willingness to be co-opted and volunteer for the Panel.

BRIEF ABOUT CONVENER PANEL 2 OF LITD 13 NMAM.

Amitabh Singhal

Amitabh Singhal has 39 years of experience in both the for-profit corporate and non-profit sectors, spanning domestic and international organizations. As the Founder and Past President/DG of the Internet Service Providers Association of India (ISPAI), he was pivotal in formulating the original ISP license in 1998, leading to the privatization of Internet services in India. This milestone, achieved on November 8, 1998, marked the “Freedom for Internet in India.” He played a crucial role in opening up Internet Telephony, international gateways, and dismantling the government’s monopoly over international communications. Additionally, he was a member of an Expert Group on Telecom & Convergence, set up by then Hon’ble PM, Shri Vajpayee.

In his role as Founder, Member/Director, and CEO of the National Internet Exchange of India (NIXI), Singhal facilitated the establishment of Internet Exchanges, the .IN Domain Names Registry, and the first three instances of Root Servers in India. Under his leadership, NIXI also began operating the National Internet Registry and managing an extensive portfolio of Internationalized Domain Names (IDNs). Amitabh Singhal has been actively involved in various industry chambers, task forces, committees, and forums.

Item 4 AMENDMENT IN IS 16333 (PART 3): 2022

Dr. Neeraj Agarwal from ICEA delivered a presentation on the digital display of information pertaining to Indian language support for mobile phone handsets. The presentation specifically addressed the amendments to IS 16333 (Part 3): 2022, which outlines the requirements for Indian language support in mobile phone handsets.

Following a brief discussion regarding the inclusion of instruction manuals in mobile handset packaging, the committee decided to issue an Amendment as Preliminary Draft for public review and comment for a period of one month.

Item 5 REVIEW / REAFFIRMATION OF PUBLISHED INDIAN STANDARDS

Committee noted that IS at Sl. No. 1 has been reviewed by one of the BIS intern, who has submitted his internship report on IS 16333 (Part 1): 2015 suggesting modifications. The Member Secretary has decided to schedule a review meeting on September 24, 2024, to discuss this standard. For Sl. No. 2 & 3, the committee agreed to re-affirm the standard.

Item 6 INTERNATIONAL ACTIVITIES

6.1 LITD 13 is the national mirror committee to the following International Committees.

- a) ISO/IEC/JTC1/SC 6- Telecommunications and information exchange between Systems – P-Member
- b) ISO/IEC/JTC1/SC 25 -Interconnection of information technology equipment - P Member



c) IEC SyC COMM- Communication Technologies and Architectures

6.2 The Member Secretary provided a comprehensive introduction on the workings of international committees, including the voting procedures within ISO/IEC committees. Additionally, an overview of the stages of document development was presented, covering stages such as NP (New Proposal), CD (Committee Draft), CDV (Committee Draft for Vote), and SR (Standard Review), among others. He also requested members to increase their participation in the international committee work.

Item 7 DATE AND PLACE OF NEXT MEETING

The Chairperson has determined that the next meeting of LITD 13 will be scheduled for December 2024 or earlier, depending on the urgency of the committee's work.

Item 8 ANY OTHER BUSINESS

There being no other businesses, the meeting came to an end with the vote of thanks to the Chairman and all the participants for their active participation.