BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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मसौदा भारतीय मानक

साइबर सुरक्षा युक्तियों और सेवाओं के बीच संयोजन विश्वास स्थापित करने के लिए सुरक्षा की अनुशंसाएँ

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Draft Indian Standard
Cybersecurity —
Security Recommendations For Establishing Trusted Connections Between Devices and Services

ICS: 35.030

Information Systems Security And Privacy Sectional Committee, LITD 17	Last Date for Comments: 19 February 2024

NATIONAL FOREWORD

(Formal clauses will be added later)

This draft Indian Standard which is identical to ISO/IEC 27071:2023 "Cybersecurity Security recommendations for establishing trusted connections between devices and services" issued by International Organization for Standardization (ISO) and International Electrotechnical Commission (IEC) will be adopted by the Bureau of Indian Standards (BIS) on the recommendations of the Information Systems Security And Privacy Sectional Committee, LITD 17 and approval of the Electronics and Information Technology Division Council.

The text of ISO/IEC Standard will be approved as suitable for publication as an Indian Standard without deviations. Certain conventions and terminologies are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard', and

b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

The technical committee has reviewed the provisions of the following International Standard referred to in this adopted draft standard and has decided that it is acceptable for use in conjunction with this standard. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies:-

International Standard	Title
ISO/IEC 27070	Information technology — Security techniques — Requirements for establishing virtualized roots of trust

Scope of ISO/IEC 27071:2023 is as follows:

"This document provides a framework and recommendations for establishing trusted connections between devices and services based on hardware security modules. It includes recommendations for components such as: hardware security module, roots of trust, identity, authentication and key establishment, remote attestation, data integrity and authenticity.

This document is applicable to scenarios that establish trusted connections between devices and services based on hardware security modules.

This document does not address privacy concerns."

Note: - The Technical content of this document has not been enclosed as these are identical with the corresponding ISO/IEC Standard. For details please refer to ISO/IEC 27071:2023 or kindly contact

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