<u>**BUREAU OF INDIAN STANDARDS**</u>
<u>**DRAFT FOR COMMENTS ONLY**</u>

(Not to be reproduced without the permission of BIS or used as a STANDARD)

मसौदा भारतीय मानक

सूचना प्रौद्योगिकी —नेटवर्क सुरक्षा—
भाग 7: नेटवर्क वर्च्युअलाइजेशन सुरक्षा हेतु दिशानिर्देश

Draft Indian Standard

Information technology – Network security —
Part 7: Guidelines for network virtualization security

ICS 35.030

Information Systems Security and Privacy Sectional Committee , LITD 17	**Last Date for Comments: 08 October 2024**

NATIONAL FOREWORD

(Formal clauses will be added later)

This draft Indian Standard which is identical to 'ISO/IEC 27033-7: 2023 Information technology – Network security — Part 7: Guidelines for network virtualization security' issued by the International Organization 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 and approval of the Electronics and Information Technology Division Council.

This Indian Standard is published in several parts. The other parts in this series are:

Part 1: Overview and concepts *(First Revision)*
Part 2: Guidelines for the design and implementation of network security
Part 3: Reference networking scenarios — Threats, design techniques and control issues
Part 4: Securing communications between networks using security gateways
Part 5: Securing communications across networks using Virtual Private Networks (VPNs)
Part 6: Securing wireless IP network access

The text of ISO/IEC Standard may 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.

<u>Scope of ISO/IEC 27033-7: 2023 is as follows:</u>

"This document aims to identify security risks of network virtualization and proposes guidelines for the implementation of network virtualization security.

Overall, this document intends to considerably aid the comprehensive definition and implementation of security for any organization's virtualization environments. It is aimed at users and implementers who are responsible for the implementation and maintenance of the technical controls required to provide secure virtualization environments."

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 27033-7: 2023 or kindly contact

Head,
Electronics & IT Department
Bureau of Indian Standards
9, B.S. Zafar Marg, New Delhi-110002
Email: hlitd@bis.gov.in, litd17@bis.gov.in

Telephone: 011-23608450