

**Doc. No. : LITD 17 (12705)  
IS/ISO/IEC 27033 -6:2016**

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

**Draft Indian Standard**

**INFORMATION TECHNOLOGY — SECURITY TECHNIQUES —  
NETWORK SECURITY — PART 6: SECURING WIRELESS IP  
NETWORK ACCESS**

ICS 35.040

Last date for receipt of comments is: 13 August 2018

---

Information Systems Security and Biometrics Sectional Committee, LITD 17

**NATIONAL FOREWORD**

(Formal clauses to be added later)

This Draft Indian Standard (Part 6) which is identical with ISO/IEC 27033-6:2016 ‘Information technology – Security techniques Network security — Part 6: Securing wireless IP network access’ issued by International Organization for Standardization (ISO) and International Electro technical Commission (IEC) will be adopted by the Bureau of Indian Standards on the recommendations of the Information Systems Security and Biometrics Sectional Committee, and approval of the Electronics and Information Technology Division Council.

Other Parts in the series are:

Part 1 Overview and concepts

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)

The text of ISO/IEC Standard may be approved as suitable for publication as an Indian Standard without deviations. Certain conventions 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’.
- 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.

In this adopted standard, reference appears to certain International Standards for which Indian Standard also exist. For undated references, the latest edition of the referenced document applies, including any corrigenda and amendment .The corresponding Indian Standard which is to be substituted in its respective place is listed below along with its degree of equivalence for the edition indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO/IEC 27000 Information technology — Security techniques — Information security management systems — Overview and vocabulary	IS/ISO/IEC 27000:2016 Information technology — Security techniques — Information security management systems — Overview and vocabulary(Under Print)	Identical with ISO/IEC 27000:2016
ISO/IEC 27033-1 Information technology — Security techniques — Network security — Part 1: Overview and concepts	IS/ISO/IEC 27033-1:2015 Information technology — Security techniques — Network security —Par 1: Overview and concepts(Under Print)	Identical with ISO/IEC 27033- 1:2015
ISO/IEC 27033-2 Information technology — Security techniques — Network security — Part 2: Guidelines for the design and implementation of network security	IS/ISO/IEC 27033-2:2012 Information technology — Security techniques — Network security — Part 2: Guidelines for the design and implementation of network security(Under Print)	Identical with ISO/IEC 27033- 2:2012

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (revised)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

---

Scope of ISO/IEC 27033-6:2016 is as follows:

“This part of ISO/IEC 27033 describes the threats, security requirements, security control and design techniques associated with wireless networks. It provides guidelines for the selection, implementation and monitoring of the technical controls necessary to provide secure communications using wireless networks. The information in this part of ISO/IEC 27033 is intended to be used when reviewing or selecting technical security architecture/design options that involve the use of wireless network in accordance with ISO/IEC 27033-2.

Overall, ISO/IEC 27033-6 will aid considerably the comprehensive definition and implementation of security for any organization's wireless network environment. It is aimed at users and implementers who are responsible for the implementation and maintenance of the technical controls necessary to provide secure wireless networks.”

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 ISO/IEC 27033-6:2016 or kindly contact.

Head  
Electronics & IT Department  
Bureau of Indian Standards 9,  
B.S. Zafar Marg, New Delhi-110002  
Email: [hlitd@bis.gov.in](mailto:hlitd@bis.gov.in)  
[litd17@bis.gov.in](mailto:litd17@bis.gov.in)  
Telefax: 011-23608235