

Australian Standard™

**Information technology—Guidelines for  
the management of IT Security**

**Part 5: Management guidance on  
network security**

This Australian Standard was prepared by Committee IT-012, Information Systems, Security and Identification Technology. It was approved on behalf of the Council of Standards Australia on 4 March 2003 and published on 29 April 2003.

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## PREFACE

This Standard was prepared by the Australian members of the Joint Standards Australia/Standards New Zealand Committee IT-012, Information Systems, Security and Identification Technology. After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian, rather than an Australian/New Zealand Standard.

This Standard is identical with, and has been reproduced from ISO/IEC TR 13335-5:2001, *Information technology—Guidelines for the management of IT Security, Part 5: Management guidance on network security*.

The objective of this Standard is to provide guidance to identify and analyse the communications related factors that should be taken into account when establishing network security requirements.

This Standard is Part 5 of AS 13335, *Information technology—Guidelines for the management of IT Security*, which is published in parts as follows:

- Part 1: Concepts and models for IT Security
- Part 2: Managing and planning IT Security
- Part 3: Techniques for the management of IT Security
- Part 4: Selection of safeguards
- Part 5: Management guidance on network security (this Standard)

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<i>Reference to International Standard</i>	<i>Australian or Australian/New Zealand Standard</i>
ISO/IEC	AS
TR 13335 Information technology—Guidelines for the management of IT Security	13335 Information technology—Guidelines for the management of IT Security
13335-1 Part 1: Concepts and models for IT Security	13335.1 Part 1: Concepts and models for IT Security
13335-2 Part 2: Managing and planning IT Security	13335.2 Part 2: Managing and planning IT Security
13335-3 Part 3: Techniques for the management of IT Security	13335.3 Part 3: Techniques for the management of IT Security
13335-4 Part 4: Selection of safeguards	13335.4 Part 4: Selection of safeguards
	AS/NZS
7498 Information technology (Information processing systems)—Open Systems Interconnection—Basic reference model	2777 Information processing systems—Open Systems Interconnection—Basic reference model
7498-1 Part 1: The basic model	2777.1 Part 1: The basic model
7498-2 Part 2: Security architecture	2777.2 Part 2: Security architecture
7498-3 Part 3: Naming and addressing	2777.3 Part 3: Naming and addressing
7498-4 Part 4: Management framework	2777.4 Part 4: Management framework

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# Information technology — Guidelines for the management of IT Security —

## Part 5: Management guidance on network security

### 1. Scope

ISO/IEC TR 13335-5 provides guidance with respect to networks and communications to those responsible for the management of IT security. This guidance supports the identification and analysis of the communications related factors that should be taken into account to establish network security requirements.

This part of ISO/IEC TR 13335 builds upon Part 4 of this Technical Report by providing an introduction on how to identify appropriate safeguard areas with respect to security associated with connections to communications networks.

It is not within the scope of this TR to provide advice on the detailed design and implementation aspects of the technical safeguard areas. That advice will be dealt with in future ISO documents.

### 2. References

ISO/IEC TR 13335-1:1996, *Information technology — Guidelines for the management of IT Security — Part 1: Concepts and models for IT Security*

ISO/IEC TR 13335-2:1997, *Information technology — Guidelines for the management of IT Security — Part 2: Managing and planning IT Security*

ISO/IEC TR 13335-3:1998, *Information technology — Guidelines for the management of IT Security — Part 3: Techniques for the management of IT Security*

ISO/IEC TR 13335-4:2000, *Information technology — Guidelines for the management of IT Security — Part 4: Selection of safeguards*

ISO/IEC TR 14516:—<sup>1)</sup>, *Information technology — Guidelines on the use and management of Trusted Third Party (TTP) services*

ISO/IEC 13888 (all parts), *Information technology — Security techniques — Non-repudiation*

ISO/IEC 15947:—<sup>1)</sup>, *Information technology — Security techniques — IT intrusion detection framework*

ISO/IEC 7498-1:1994, *Information technology — Open Systems Interconnection — Basic Reference Model: The Basic Model*

ISO 7498-2:1989, *Information processing systems — Open Systems Interconnection — Basic Reference Model — Part 2: Security Architecture*