ISO/IEC TS 27100:2020 (E)

Information technology — Cybersecurity — Overview and concepts

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Concepts

4.1 Cyberspace
4.2 Cybersecurity

5 Relationship between cybersecurity and relevant concepts

5.1 Relationship between information security and cybersecurity
5.2 Relationship between ISMS and cybersecurity
5.2.1 Cyberspace as a field of risk sources for an ISMS
5.2.2 ISMS in support of cybersecurity
5.3 Cybersecurity framework
5.4 Cybersecurity and safety
5.5 Cyber insurance

6 Risk management approach in the context of cybersecurity

6.1 General
6.2 Threat identification
6.3 Risk identification

7 Cyber threats

7.1 General
7.2 General business organization
7.3 Industrial organization and industrial automation and control systems
7.4 Products, services, and supplier relationships
7.5 Telecommunications services/internet service providers
7.6 Public authorities
7.7 Critical infrastructure
7.8 Individual person

8 Incident management in cybersecurity

8.1 General
8.2 Incident management within an organization
8.3 Cross-organizational coordination
8.4 Technical support by product and service supplier

Annex A (informative) A layered model representing cyberspace

A.1 General
A.2 Layered model representing cyberspace
A.3 Use of the layered model
A.4 Dynamic characteristics

Page count: 17