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American National Standard

INCITS/ISO/IEC 27033-2:2012[2014]

(ISO/IEC 27033-2:2012, IDT)

Information technology - Security techniques - Network security - Part 2: Guidelines for the design and implementation of network security

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Contents

Page

Foreword v

1 Scope 1

2 Normative references 1

3 Terms and definitions 1

4 Abbreviations 2

5 Document structure 2

6 Preparing for design of network security 3
6.1 Introduction 3
6.2 Asset identification 3
6.3 Requirements collection 3
6.3.1 Legal and regulatory requirements 3
6.3.2 Business requirements 4
6.3.3 Performance requirements 4
6.4 Review requirements 4
6.5 Review of existing designs and implementations 5

7 Design of network security 5
7.1 Introduction 5
7.2 Design principles 6
7.2.1 Introduction 6
7.2.2 Defence in depth 6
7.2.3 Network Zones 7
7.2.4 Design resilience 7
7.2.5 Scenarios 8
7.2.6 Models and Frameworks 8
7.3 Design Sign off 8

8 Implementation 8
8.1 Introduction 8
8.2 Criteria for Network component selection 9
8.3 Criteria for product or vendor selection 9
8.4 Network management 10
8.5 Logging, monitoring and incident response 11
8.6 Documentation 11
8.7 Test plans and conducting testing 11
8.8 Sign off 12

Annex A (informative) Cross-**references between ISO/IEC 27001:2005/ISO/IEC 27002:2005 network security related controls and ISO/IEC 27033-2:2012 clauses** 13

Annex B (informative) **Example documentation templates** 14
B.1 An example network security architecture document template 14
B.1.1 Introduction 14
B.1.2 Business related requirements 14
B.1.3 Technical architecture 14
B.1.4 Network services 17
B.1.5 Hardware/physical layout 17
B.1.6 Software 18
B.1.7 Performance 19
B.1.8 Known issues 19
B.1.9 References 19

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This is a preview of "INCITS/ISO/IEC 27033...". Click here to purchase the full version from the ANSI store.

B.1.10 Appendices **20**
B.1.11 Glossary **20**
B.2 An example template for a Functional Security requirements document **20**
B.2.1 Introduction **20**
B.2.2 Firewall configuration **21**
B.2.3 Security risks **21**
B.2.4 Security management **22**
B.2.5 Security administration **22**
B.2.6 Authentication and access control **22**
B.2.7 (Audit) Logging **23**
B.2.8 Information Security incident management **23**
B.2.9 Physical security **23**
B.2.10 Personnel security **23**
B.2.11 Appendices **23**
B.2.12 Glossary **23**

Annex C (informative) **ITU-T X.805 framework and ISO/IEC 27001:2005 control mapping** **24**

Bibliography **28**

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2. The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

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ISO/IEC 27033-2 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *IT Security techniques*.

This first edition of ISO/IEC 27033-2 cancels and replaces ISO/IEC 18028-2:2006, which has been technically revised.

ISO/IEC 27033 consists of the following parts, under the general title *Information technology — Security techniques — Network security*:

— *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*

The following parts are under preparation:

— *Part 4: Securing communications between networks using security gateways*

— *Part 5: Securing communications across networks using Virtual Private Networks (VPNs)*

Securing IP network access using wireless will form the subject of a future Part 6.

Further parts may follow because of the ever-changing and evolving technology in the network security area.

This corrected version of ISO/IEC 27033-2:2012 corrects the title on the cover page and on page 1.

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