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ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

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Contents

Page

Foreword ..... **v**
Introduction ..... **vi**
1 Scope **1**
2 Normative references **1**
3 Terms and definitions **1**
4 Architectural principles for secure products, systems and applications **2**
4.1 General 2
4.2 Domain separation 3
4.2.1 General 3
4.2.2 Principles for defining domain structures 3
4.2.3 Principles for defining inter-domain communication 3
4.2.4 Security policies that may be enforced using domain separation 4
4.2.5 Examples 4
4.2.6 Considerations for evaluation 4
4.3 Layering 5
4.3.1 General 5
4.3.2 Principles for defining layers 5
4.3.3 Principles for Interfaces exposed by a layer 5
4.3.4 Security policies that may be enforced using layering 5
4.3.5 Examples 6
4.3.6 Considerations for evaluation 6
4.4 Encapsulation 6
4.4.1 General 6
4.4.2 Principles for defining encapsulation 7
4.4.3 Security policies that may be enforced using encapsulation 7
4.4.4 Examples 7
4.4.5 Considerations for evaluation 7
4.5 Redundancy 7
4.5.1 General 7
4.5.2 Principles for defining redundant elements 8
4.5.3 Principles for keeping consistency between redundant elements 8
4.5.4 Security policies that may be enforced using redundancy 8
4.5.5 Examples 8
4.5.6 Considerations for evaluation 9
4.6 Virtualization 10
4.6.1 General 10
4.6.2 Principles for defining virtualization 10
4.6.3 Security policies that may be enforced using virtualization 10
4.6.4 Examples 11
4.6.5 Considerations for evaluation 11
5 Design principles **11**
5.1 General 11
5.2 List of design principles for security 12
5.2.1 Least privilege 12
5.2.2 Attack surface minimization 13
5.2.3 Centralized parameter validation 15
5.2.4 Centralized general security services 17
5.2.5 Preparing for error and exception handling 18
5.3 Using the design principles when designing a secure system or application 20
5.3.1 General 20
5.3.2 Least privilege 20
5.3.3 Attack surface minimization 20

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5.3.4 Centralized parameter validation 20
5.3.5 Centralized security services 20
5.3.6 Preparing for error and exception handling 21

6 Evaluation activities for the architectural principles 21
6.1 General 21
6.2 Domain separation 22
6.3 Layering 23
6.4 Encapsulation 23
6.5 Redundancy 24
6.6 Virtualization 25

Bibliography 26

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Foreword

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This document was prepared by Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 27, *IT Security techniques*.

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Introduction

This document describes architectural and design principles that may be used in the development of secure products, systems and applications.

Each principle is described in a structured way, characterizing the principle itself, describing how it can be used, how it can support security, how it may help in the security assessment of the product, system or application, as well as its dependency on other principles described in this document.

Examples are provided for each principle on how it may be implemented, how it may contribute to security properties and functions and what other aspects have to be taken into account in the example provided to also address non-security related requirements like usability and performance.

A guideline is provided linking this to security evaluations performed using ISO/IEC 15408 (all parts) and ISO/IEC 18045 and addresses both developers and evaluators of secure products, systems and applications.

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