
**Information technology — Security
techniques — Catalogue of
architectural and design principles
for secure products, systems and
applications**

*Technologies de l'information — Techniques de sécurité — Catalogue
des principes architecturaux et conceptuels pour la sécurisation des
produits, systèmes et applications*



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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

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

Foreword

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

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.