INTERNATIONAL STANDARD

ISO/IEC 27035-2

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Information technology — Security techniques — Information security incident management —

Part 2: Guidelines to plan and prepare for incident response

Technologies de l'information — Techniques de sécurité — Gestion des incidents de sécurité de l'information —

Partie 2: Lignes directrices pour planifier et préparer une réponse aux incidents

Reference number
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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

The committee responsible for this document is ISO/IEC JTC 1, *Information technology*, SC 27, *IT Security techniques*.

This first edition of ISO/IEC 27035-2, together with ISO/IEC 27035-1, cancels and replaces ISO/IEC 27035:2011, which has been technically revised.

ISO/IEC 27035 consists of the following parts, under the general title *Information technology — Security techniques — Information security incident management*:

— *Part 1: Principles of incident management*

— *Part 2: Guidelines to plan and prepare for incident response*

Further parts may follow.

Introduction

ISO/IEC 27035 is an extension of ISO/IEC 27000 series of standards and it focuses on information security incident management which is identified in ISO/IEC 27000 as one of the critical success factor for the information security management system.

There can be a large gap between an organization's plan for an incident and an organization knowing it is prepared for an incident. Therefore, this part of ISO/IEC 27035 addresses the development of guidelines to increase the confidence of an organization's actual readiness to respond to an information security incident. This is achieved by addressing the policies and plans associated with incident management, as well as how to establish the incident response team and improve its performance over time by adopting lessons learned and by evaluation.

Information technology — Security techniques — Information security incident management —

Part 2: Guidelines to plan and prepare for incident response

1 Scope

This part of ISO/IEC 27035 provides the guidelines to plan and prepare for incident response. The guidelines are based on the "Plan and Prepare" phase and the "Lessons Learned" phase of the "Information security incident management phases" model presented in ISO/IEC 27035-1.

The major points within the "Plan and Prepare" phase include the following:

— information security incident management policy and commitment of top management;

— information security policies, including those relating to risk management, updated at both corporate level and system, service and network levels;

— information security incident management plan;

— incident response team (IRT) establishment;

— establish relationships and connections with internal and external organizations;

— technical and other support (including organizational and operational support);

— information security incident management awareness briefings and training;

— information security incident management plan testing.

The principles given in this part of ISO/IEC 27035 are generic and intended to be applicable to all organizations, regardless of type, size or nature. Organizations can adjust the guidance given in this part of ISO/IEC 27035 according to their type, size and nature of business in relation to the information security risk situation. This part of ISO/IEC 27035 is also applicable to external organizations providing information security incident management services.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 27000, *Information technology — Security techniques — Information security management systems — Overview and vocabulary*

ISO/IEC 27035-1:2016, *Information technology — Security techniques — Information security incident management — Part 1: Principles of incident management*