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Information security — Anonymous entity authentication —

Part 3: Mechanisms based on blind signatures

Sécurité de l'information — Authentification d'entité anonyme —

Partie 3: Mécanismes fondés sur des signatures aveugles

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Foreword

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Introduction

In an anonymous entity authentication mechanism, the entity to be authenticated (the claimant) provides evidence to a verifier that it has knowledge of a secret without revealing its identifier to any unauthorized entity. That is, given complete knowledge of the messages exchanged between the parties, an unauthorized entity cannot discover the identifier of the entity being authenticated. Moreover, it is possible that even an authorized verifier is not authorized to learn the identifier of the entity being authenticated.

The anonymous entity authentication mechanisms specified in this document are based on blind signatures, specified in the ISO/IEC 18370 series.

Information security — Anonymous entity authentication —

Part 3: Mechanisms based on blind signatures

1 Scope

This document provides general descriptions and specifications of anonymous entity authentication mechanisms based on blind digital signatures.

2 Normative references

There are no normative references in this document.