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Blockchain and distributed ledger technologies — Privacy and personally identifiable information protection considerations

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Foreword

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This document was prepared by Technical Committee ISO/TC 307, *Blockchain and distributed ledger technologies,* in collaboration with Joint Technical Committee ISO/IEC JTC 1, *Information security,* Subcommittee SC 27, *cybersecurity and privacy protection*.

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Introduction

This document provides an overview of the issues and practical concerns related to privacy and personally identifiable information (PII) protection in the context of blockchain and distributed ledger technologies (DLT) and their applications.

Privacy and PII protection issues are widely considered as a major barrier for the adoption of DLT-based solutions. This document identifies and assesses known privacy-related risks and the way to mitigate them, as well as the privacy-enhancing potential of blockchain and distributed ledger technology.