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GB/Z 278-2026

Blockchain and distributed ledger technologies - Overview of DLT systems for identity management

区块链和分布式记账技术 分布式身份管理系统概述

(English Translation)

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Preview: page 1 of 2 shown, 33 in the full document. Complete English PDF, instant download:
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Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

GB/Z 278-2026 is a national guiding technical document (GB/Z) of the People's Republic of China, issued on 24 September 2026 by the State Administration for Market Regulation and the Standardization Administration of China.

The document adopts an international standard (ISO or IEC).

It is under the responsibility of the Ministry of Industry and Information Technology.

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1 Scope

This guiding technical document offers an overview of distributed ledger technology systems used for identity management, within the broader field of blockchain and distributed ledger technologies. It is written for architects, software developers, service providers and policy or standards staff who need a shared description of how such systems approach identity.

It adopts an international standard and was issued on 24 September 2026 under the Ministry of Industry and Information Technology. As a GB/Z, it gives guidance and background rather than setting requirements that must be met. Digital identity is one of the most discussed uses of ledger technology, because it raises questions of control, privacy and trust among many parties. The document will be of interest to organizations evaluating decentralized identity designs, and to those preparing contributions to related Chinese or international work. Since it is an overview, it is best used to build common understanding and vocabulary before more detailed technical choices are made.

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