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Permission management requirements for artificial intelligence operating system

人工智能操作系统权限管理要求

(English Translation)

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Foreword

GB/Z 300-2026 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.

It is under the responsibility of the Standardization Administration of China.

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1 Scope

This guiding technical document addresses permission management requirements for an artificial intelligence operating system. Permission management concerns how access rights to resources, data and functions are defined and controlled within the system. It is relevant to operating system developers, AI platform vendors, security engineers, system integrators and evaluators who need a shared reference on this aspect.

It was issued on 24 September 2026 and does not adopt an international standard. As a GB/Z, it gives guidance for the technical community rather than binding obligations. In an AI operating system, applications, models and agents may all request access to sensitive data and compute resources, so clear control of who may do what is central to security and accountability. It is closely related to the general technical requirements for the same kind of operating system, which are covered in a separate document. Organizations designing or assessing AI operating systems can use it to structure their approach to access control topics.

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