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GB/Z 242-2026

Artificial intelligence - Technical requirements of agent

人工智能 智能体技术要求

(English Translation)

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Foreword

GB/Z 242-2026 is a national guiding technical document (GB/Z) of the People's Republic of China, issued on 27 August 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

Agents built on large models can perceive, reason and act with limited human direction, and this guiding document lays down technical requirements for them. According to its scope, it establishes a framework for agents based on large models and specifies the basic functional requirements. It is intended to guide technology providers and users in agent development and design, in verification and selection, and in capability assessment.

The requirements are organized around functions. They address perception, which includes information about the user, the environment, the platform and interconnected systems, then cognition, including intent understanding, clarification, reasoning and planning. Further sections cover execution, with skill invocation and task execution, memory in its short-term and long-term forms, and learning, including role, reflective and active learning.

Being a GB/Z document, it offers guidance and not mandatory requirements. AI developers, product managers, evaluators and enterprise buyers of agent products can use it as a common reference. Issued on 27 August 2026 by the national standardization administration.

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