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Artificial intelligence - Model as a service (MaaS) reference architecture

人工智能 模型即服务（MaaS）参考架构

(English Translation)

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Preview: page 1 of 2 shown, 15 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 221-2026 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.

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1 Scope

Offering artificial intelligence models as a service raises questions about how the pieces of such a platform fit together, and this document sets out a reference architecture for Model as a Service, commonly abbreviated MaaS. It is a guiding technical document of the GB/Z type, so it provides direction and a common vocabulary of structure rather than mandatory rules.

Cloud and platform providers designing MaaS offerings, enterprise architects who integrate hosted models into their systems, AI developers who consume model services, and evaluators comparing platform designs are the natural audience. A shared reference architecture helps these parties describe their systems in comparable terms, discuss responsibilities between provider and user, and plan procurement. The document was issued on 27 August 2026 by the national standardization administration. It is one of a group of artificial intelligence guidance documents released at the same time, and a companion document in that group addresses the technical framework for MaaS. Anyone working with Chinese AI service platforms may use it to understand the national reference view of the field.

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