

ICS 33.040
CCS M11

YD

**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YD/T 6864.1-2026

**Technical requirements for application layer key management
of end to network collaboration - Part 1: General requirements**

端网协同的应用层密钥管理技术要求 第1部分：总体要求

(English Translation)

Issued on: April 15, 2026

Implemented on: August 1, 2026

Issued by: Ministry of Industry and Information Technology

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Foreword

YD/T 6864.1-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 15 April 2026, with effect from 1 August 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.040; CCS M11.

1 Scope

This is Part 1 of the series on application layer key management for end-to-network collaboration. It specifies the technical requirements for such key management, mainly the reference architecture, basic functional requirements, security requirements, application layer key management itself, and reference procedures. The document applies to technical research and development of application layer key management in which the terminal and the network work together, and to the design and development of the related product systems.

The part is used by developers of key management systems, designers of terminal and network products, and operators and vendors that build such systems. It is a voluntary standard (code with /T). It was approved by the Ministry of Industry and Information Technology, issued on 15 April 2026 and takes effect on 1 August 2026. It is a new standard. Later parts of the series deal with specific aspects, and this part supplies the general requirements for them.