

ICS 35.110
CCS M11

YD

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

YD/T 6977-2026

**Key technical indicators and evaluation methods for IPv6
intelligent cloud network architecture**

基于IPv6的智能云网架构关键技术指标和评估方法

(English Translation)

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Foreword

YD/T 6977-2026 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 1 June 2026, with effect from 1 September 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 35.110; CCS M11.

1 Scope

YD/T 6977-2026 specifies the key technical indicators and the evaluation methods for an IPv6-based intelligent cloud network architecture. It includes an overview, the key technical indicators and the methods used to evaluate those indicators.

The document applies to IPv6 service providers, IPv6 solution providers, manufacturers of IPv6 infrastructure and similar organizations. They can use it to describe and assess an intelligent cloud network on the same basis. It is a voluntary standard of the communications industry. The Ministry of Industry and Information Technology issued it on 1 June 2026, and it takes effect on 1 September 2026. It is a new standard.