

ICS 33.030
CCS M32

YD

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

YD/T 3505-2026

Replacing YD/T 3505-2019

Evaluation index system of carrier network supporting IPv6

运营商网络的IPv6支持度评测指标体系

(English Translation)

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Foreword

YD/T 3505-2026 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 11 March 2026, with effect from 1 June 2026.

This edition replaces YD/T 3505-2019.

It is administered by the China Communications Standards Association.

Classification: ICS 33.030; CCS M32.

1 Scope

YD/T 3505-2026 defines an index system and matching evaluation methods for measuring how well a carrier network supports IPv6. The indicators cover four areas: IPv6 support capability, active IPv6 users, the share of IPv6 traffic, and network quality. The document applies to evaluating the level of IPv6 support while a carrier network goes through its IPv4/IPv6 dual-stack transformation, so that progress can be assessed against a common set of measures.

The standard is intended for telecom carriers, network planners and evaluation or testing bodies that need to measure and report IPv6 deployment in an operator network. It is a voluntary standard, as shown by the /T in its code. It was issued by the Ministry of Industry and Information Technology on 11 March 2026 and takes effect on 1 June 2026. It replaces YD/T 3505-2019.