

ICS 33.040
CCS M15

YD

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

YD/T 6983-2026

**Digital twin network - Technical requirements of traffic balance
scheduling for IP network**

数字孪生网络 IP网络流量均衡调度技术要求
(English Translation)

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Foreword

YD/T 6983-2026 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 33.040; CCS M15.

1 Scope

YD/T 6983-2026 sets technical requirements for traffic balance scheduling of IP networks within a digital twin network. They cover building the traffic balance scheduling capability of the twin network, its functional architecture and functions, data synchronization capability, and performance.

The document applies to verifying, through the simulation capability of the twin network, whether link-level traffic balance scheduling of the physical network is feasible. Network operators, vendors of digital twin and network control systems and research teams can use it. 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.