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CCS M42

YD

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

YD/T 6981-2026

Technical requirements for SRv6 and MPLS interworking

SRv6与MPLS互通技术要求

(English Translation)

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Foreword

YD/T 6981-2026 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 33.040.50; CCS M42.

1 Scope

YD/T 6981-2026 sets the technical requirements for interworking between IPv6 segment routing (SRv6) and multiprotocol label switching (MPLS). The requirements cover the interworking scenarios, the data plane functions needed for interworking and the data interworking procedures.

The document applies to the development, design and testing of network devices and systems that support SRv6 and MPLS interworking. Router and switch manufacturers, network operators migrating from MPLS to SRv6, and test laboratories are the likely users. 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.