

ICS 33.040.40
CCS L78

YD

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

YD/T 6878-2026

**Technical specification for SRv6-based cloud-network
interconnecting**

基于SRv6的云网互联总体技术要求
(English Translation)

Issued on: June 1, 2026

Implemented on: September 1, 2026

Issued by: Ministry of Industry and Information Technology

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Foreword

YD/T 6878-2026 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 33.040.40; CCS L78.

1 Scope

YD/T 6878-2026 specifies the technical architecture for cloud-network interconnection based on SRv6 (Segment Routing over IPv6). It also gives the technical requirements for operation and maintenance related to SRv6 cloud-network interconnection, and for the equipment used in it. Cloud-network interconnection links cloud resources and the network that carries traffic to them, and this document describes how SRv6 is used for that purpose.

The standard applies to cloud-network interconnection scenarios that are carried over SRv6 technology. Telecom operators, network equipment manufacturers, cloud service providers and system integrators are typical users. It is a voluntary standard, as the /T in its code shows. It was approved by the Ministry of Industry and Information Technology, issued on 1 June 2026 and takes effect on 1 September 2026. It is a new standard.