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CCS M10

YD

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

YD/T 4839.3-2026

**Technical requirements for collaborative management and control of IP network
and optical network - Part 3: Interface information model between coordination
layer and single domain management control system**

**IP网络和光网络协同管控技术要求 第3部分：协同层-单域管控系统接口信息模型
(English Translation)**

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Foreword

YD/T 4839.3-2026 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.

It is administered by the China Communications Standards Association.

Classification: ICS 33.040.40; CCS M10.

1 Scope

YD/T 4839.3-2026 is Part 3 of the series on technical requirements for collaborative management and control of IP networks and optical networks. It specifies the interface information model between the coordination layer and the single-domain management and control system. The model covers the interface information for topology, basic resources, tunnels, services, performance and notifications. The document applies to the technical requirements for designing, developing and applying this interface information model in collaborative management and control of IP and optical networks based on MPLS-TE.

The standard is used by equipment and software vendors that build controllers and management systems, by network operators and by test laboratories checking interface conformance. 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 is a new standard.