

ICS 33.040.40
CCS L78

YD

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

YD/T 6996-2026

**Endpoint enhancement technical requirements for wide area
network RDMA**

面向广域网的远程直接内存访问（RDMA）端侧增强技术要求
(English Translation)

Issued on: June 1, 2026

Implemented on: September 1, 2026

Issued by: Ministry of Industry and Information Technology

Table of Contents

Foreword

1 Scope

2 Normative references

3 Terms and definitions

Foreword

YD/T 6996-2026 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

This document specifies the technical requirements for endpoint-side enhancement of Remote Direct Memory Access (RDMA) for wide area networks. RDMA lets one computer read from or write to the memory of another without heavy involvement of the processors, and the document deals with its use across wide area links. The requirements include application scenarios, protocol requirements and functional requirements. It applies to the protocol design, product development and testing of RDMA for wide area networks.

It is used by developers of network adapters, host software and protocol stacks, by equipment manufacturers, and by operators and data center teams that connect computing sites over long distances. The standard is voluntary, as the /T in its code shows. It was issued by the Ministry of Industry and Information Technology on 1 June 2026 and takes effect on 1 September 2026. It is a new standard.