

ICS 33.040.40
CCS L78

YD

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

YD/T 6993-2026

**Technical requirements of northbound interface for
management of Virtual Broadband Remote Access Server
(vBRAS) system in cloud metro area network**

云化城域网虚拟宽带接入服务器（vBRAS）系统北向管理接口技术要求
(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 6993-2026 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 6993-2026 specifies the technical requirements for the northbound management interface of a Virtual Broadband Remote Access Server (vBRAS) system in a cloud-based metropolitan area network. The requirements include protocol requirements, and northbound management interface requirements for the vBRAS control plane, the forwarding plane in virtual network element form, the forwarding plane in dedicated network element form, and the cloud management system. The document applies to the research and development, testing and application of vBRAS systems in cloud metro networks and of their management and control systems.

It is used by equipment and software vendors, by operators who run broadband access networks, and by test teams checking interface behaviour. The standard is voluntary, as the /T in its code shows. 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.