ICS 33.040.40
CCS L 78

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 44595-2024

Technical requirements and test methods of IPv4/IPv6 network video conference service system

IPv4/IPv6网络视频会议业务系统技术要求与测试方法

Issued on: September 29, 2024 **Implemented on: January 1, 2025**

Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This document is under the jurisdiction of the National Communications Standardization Technical Committee (SAC/TC485).

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IPv4/IPv6 Network Video Conference Service System Technical requirements and test methods

1 Scope

This document specifies the basic requirements, system architecture, and service requirements of the network video conferencing service system based on the hybrid IPv4 and IPv6 network environment.

architecture, functional module division, communication protocol, media coding, network management, quality of service, security and bearer network requirements, and describes the corresponding tests method.

This document applies to the design, construction, operation and configuration of network video conferencing service systems based on a hybrid IPv4 and IPv6 network environment.

This document is also applicable to the design reference of dedicated network related systems.

2 Normative references

GB/T 17975.1

GB/T 17975.2

GB/T 20090.1

GB/T 20090.2

GB/T 28181-2022

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 A general term for systems that provide services

Through satellite network, Internet, mobile or fixed communication network, dedicated packet network can realize personal or The group can exchange voice, image and file information through transmission lines and multimedia equipment to achieve real-time interactive communication and realize conference service.

4 Abbreviations

The following abbreviations apply to this document. DNS. Domain Name System IP. Internet Protocol