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YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 3960.2-2024

## Broadband customer gateway virtualization testing method based on public telecommunication network - Part 2: Virtual gateway

基于公用电信网的宽带客户网关虚拟化测试方法 第2部分：虚拟网关

**(English Translation)**

**Issued on: December 10, 2024** **Implemented on: April 1, 2025**

**Issued by: Ministry of Industry and Information Technology**

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## 1 Foreword

YD/T 3960.2-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

It is one of 3 parts of the YD/T 3960 series.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

## 2 Scope Preview

This standard specifies the test methods for virtual gateways in the virtualization architecture of broadband customer gateways based on public telecommunications networks, including virtual gateway device function testing, security function testing, operation management and maintenance function testing, etc. This standard applies to virtual home gateways and virtual enterprise gateways in the virtualization of broadband customer gateways based on public telecommunications networks.



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YD/T 3960.2-2024 is filed under Chinese Standard Classification M42, in the field of telecommunications and broadcasting.

This catalogue holds 2,288 other YD/T standards without an ICS number.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

## 3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

## 4 Related standards

Other parts of this standard:

YD/T 3960.1-2021 - Broadband customer gateway virtualization test method based on public telecommunication network - Part 1: Physical gateway

YD/T 3960.3-2024 - Part 3: Service requirements

Standards on related subjects:

YD/T 1092-2023 - Telecommunication cables - Foamed polyolefin dielectric, corrugated copper-tube outer conductor, 50 Ohm radio-frequency coaxial cable for wireless communications

YD/T 2165-2010 - Technical specification of modular uninterruptible power systems for telecommunications

YD/T 841-1996 - Underground communication pipe with plastic pipe

YD/T 2019.6-2026 - Test method for broadband customer networking based on public telecommunication network - Part 6: Fiber-To-The-Room (FTTR) residential equipment

## 5 Classification and status

Chinese Standard Classification (CCS): M 42

Prefix YD/T: recommended standard.



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