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ICS 33.050
CCS M32

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 3420.3-2020

Virtualization of broadband customer gateways based on public telecommunications networks - Part 3: Technical requirements for physical home gateways

基于公用电信网的宽带客户网关虚拟化 第3部分：实体家庭网关技术要求

(English Translation)

Implemented on: July 1, 2020

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 3420.3-2020 is issued by Ministry of Industry and Information Technology.

It is one of 8 parts of the YD/T 3420 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 network positioning, interface requirements, functional requirements, performance requirements and management function requirements of the virtualized entity home gateway part of the broadband customer gateway. This standard is applicable to the physical home gateway equipment after the virtualization of the broadband customer gateway in the public telecommunication network environment, and the dedicated telecommunication network can be used for reference.

YD/T 3420.3-2020 falls under ICS 33.050, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

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

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 11 pages (approximate)

Chinese original: about 16,135 characters

4 Related standards

Other parts of this standard:

YD/T 3420.1-2018 - Virtualization of broadband customer gateway based on public telecommunication network--Part 1: General requirements

YD/T 3420.2-2018 - Virtualization of broadband customer gateway based on public telecommunication network--Part 2: Technology requirements of voice function virtualization

YD/T 3420.4-2021 - Virtualization of broadband customer gateway based on public telecommunication network - Part 4: Technical requirements for physical business gateway

YD/T 3420.5-2018 - Virtualization of broadband customer gateway based on public telecommunication network - Part 5: Technical requirements for virtualized residential gateway

YD/T 3420.6-2021 - Virtualization of broadband customer gateway based on public telecommunication network - Part 6: Technical requirements for virtualized business gateway

YD/T 3420.7-2020 - Broadband customer gateway virtualization based on public telecommunications network - Part 7: Management requirements

YD/T 3420.8-2019 - Virtualization of broadband customer gateways based on public telecommunications networks-Part 8: Interface requirements

Standards on related subjects:

YD/T 2375-2019 - Technical requirements for high accuracy time synchronization

JT/T 1076-2016 - GNSS System for Operating Vehicles - Technical Specifications for Vehicle Video Terminal

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

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5 Classification and status

International classification (ICS): 33.050

Chinese Standard Classification (CCS): M 32

Prefix YD/T: recommended standard.

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