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ICS 33.040.40
CCS L79

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4037-2022

OneM2M-based IoT service layer protocol binding

基于oneM2M的物联网服务层 协议绑定

(English Translation)

Issued on: April 8, 2022 **Implemented on: July 1, 2022**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-4037-2022

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1 Foreword

YD/T 4037-2022 was issued by Ministry of Industry and Information Technology on 8 April 2022 and has been in force since 1 July 2022.

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.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the protocol binding of Mca and Mcc primitives (message flows) to HTTP, CoaP, MQTT, and Websocket protocols. This standard applies to IoT sensor equipment, IoT gateways and IoT cloud service platforms.

YD/T 4037-2022 falls under ICS 33.040.40, 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 17969.1-2015 - Information technology -- Open systems interconnection -- Procedures for the operation of OSI registration authorities -- Part 1: General procedures and top arcs of the International Object Identifier tree

GB/T 17143.7-1997 - Information technology. Open Systems Interconnection. Systems Management. Part 7: Security alarm reporting function

GB/T 17143.4-1997 - Information technology. Open Systems Interconnection. Systems Management. Part 4: Alarm reporting function

YD/T 4041-2022 - Smart City Electronic Fence Technical Requirements

YD/T 4040-2022 - Smart City Electronic fence application scenarios and business requirements

YD/T 4038-2022 - Internet of Things service layer based on oneM2M Mobile communication network interworking

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 79

Prefix YD/T: recommended standard.

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