

ICS 33.040.01
CCS M 19

YD

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

YD/T 3218-2017

**Management requirements with quality of service (QoS) of
cloud datacenter network for network intelligent capability
enhancement (NICE)**

智能型通信网络 云计算数据中心网络服务质量（QoS）管理要求
(English Translation)

Issued on: April 12, 2017

Implemented on: July 1, 2017

Issued by: Ministry of Industry and Information Technology

Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard specifies the QoS capabilities of cloud computing data center network equipment in intelligent communication networks, QoS policy management, flow classification technology, traffic shaping technology, queue and scheduling technology (including congestion control technology), flow labeling technology, QoS statistics and QoS Performance and other requirements. This standard is applicable to the QoS guarantee requirements of cloud computing data center network equipment when providing cloud computing services to cloud service users through cloud computing networks. In this standard, cloud computing data centers refer to data centers that belong to the same cloud service provider (CSP) and can be distributed across multiple geographical areas. However, logically unified data centers such as network connectivity and resource management do not involve different clouds. Service Provider Cloud Data Center Network Quality of Service (QoS) Interworking scenarios.

Document data

International classification (ICS): 33.040.01.

Chinese classification (CCS): M19.

Estimated length of the Chinese original: 14,153 words.

Standards quoted by this document

IEEE 802.1P; IEEE 802.1Q