

ICS 33.060
CCS M30

YD

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

YD/T 6678-2026

**5G mobile telecommunication network - Technical requirements
for network functions restoration procedure of core network**

5G移动通信网 核心网网络功能故障恢复流程技术要求

(English Translation)

Issued on: March 11, 2026

Implemented on: June 1, 2026

Issued by: Ministry of Industry and Information Technology

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Foreword

YD/T 6678-2026 is a recommended industry standard of the People's Republic of China in the Telecom sector, approved and issued by the Ministry of Industry and Information Technology on 11 March 2026, with effect from 1 June 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.060; CCS M30.

1 Scope

The document sets out the technical requirements for the restoration procedures that follow a network function failure in the core network of a 5G mobile communication network. It covers the restoration procedures related to the N4 interface, the N3/N9 interfaces and the service-based interfaces.

It applies to situations in which a 5G core network function fails, and describes how the network functions concerned recover by following the prescribed procedures. Core network equipment vendors, mobile operators and test laboratories use it when designing and checking failure recovery behavior. YD/T 6678-2026 is a voluntary standard approved by the Ministry of Industry and Information Technology. It was issued on 11 March 2026 and takes effect on 1 June 2026. It is a new standard.