

ICS 33.040
CCS M10

YD

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

YD/T 7048-2026

**General technology requirements for cloud-native in telecom
networks**

电信网络云原生总体技术要求
(English Translation)

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Foreword

YD/T 7048-2026 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 1 June 2026, with effect from 1 September 2026.

It is administered by the China Communications Standards Association.

Classification: ICS 33.040; CCS M10.

1 Scope

The document specifies general technical requirements for cloud-native technology in telecommunications networks, that is, networks whose functions run as containerised software on shared cloud infrastructure. It covers the requirements for infrastructure, the container layer, containerised applications, container resource management and orchestration, and security.

It applies to cloud computing providers, telecommunications operators and others who build cloud-native telecommunications networks, and gives them a shared set of technical expectations for each layer from infrastructure to security. Network planners, platform vendors and the teams who deploy network functions as containers can use it. It is a voluntary industry standard, as the /T in the code shows, approved by the Ministry of Industry and Information Technology. YD/T 7048-2026 was issued on 1 June 2026 and takes effect on 1 September 2026. It is a new standard.