

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

YD/T 3976-2021

**5G mobile communication network Session management
function (SMF) and user plane function (UPF) topology
enhancement overall technical requirements**

5G 移动通信网 会话管理功能（SMF）及用户平面功能（UPF）拓扑增强总体技
术要求

(English Translation)

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What this standard covers

This standard specifies the overall technical requirements for 5G mobile communication network session management function (SMF) and user plane function (UPF) topology enhancement based on SA architecture, including architecture requirements, high-level functional requirements, interface functional requirements, network element functional requirements, and key processes request etc. This standard is applicable to the research and development, testing, verification and evaluation of key 5GC network elements corresponding to 5GC core network network functions based on SA architecture, including session management functions such as AMF, SMF, I-SMF, and UPF, and user plane function topology enhancement functions. .

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