

TM Forum Open APIs Conformance Certification



Company Name:

China Telecom Corporation Limited.

Product Name and Release Version:

China Telecom CNOS-OSS

TM Forum Open API Name and Release Version:

*TMF664 – Resource Function Activation Management
v4.0.0*

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1. What Product or Solution does your API support?

China Telecom CNOS (New-Generation Cloud Network Operation System) is an enterprise-level operation system that integrates and upgrades the existing OSS (for network operation), BSS (for business operation), and MSS. It is one of the main carriers for China Telecom's digital, automated, and intelligent operation management, and an important component of China Telecom digital platform.

The capabilities provided by various capability centers and applied in various application scenario in the CNOS are uniformly aggregated and encapsulated through the atomic capability platform to achieve capability sharing. CNOS and the data middleware enable the interconnection and sharing of production data, and empower production operation through the big data and AI capabilities of the data middleware. Meanwhile based on the unified technology platform of PaaS components, IaaS, and general capabilities of the business centers, cloud deployment and development operation are integrated.

The "Resource Function Activation and Configuration API" (TMF664) is a core component of CNOS's Resource Center. It serves as a key enabler for the provisioning and lifecycle management of Resource Functions, providing standardized activation and configuration capabilities for atomic and composite resource functions such as VNFs, PNFs, Network Services, and Service Function Chains.

2. Overview of Certified API

- TMF664-Resource Function Activation Management API

The Resource Function Activation Management API provides the standardized client interface to Hybrid Infrastructure Management Systems for provision, lifecycle management, Activation and Configuration of composite and atomic resource function.

3. Architectural View

The following Diagram shows the technical architecture of China Telecom CNOS(Next-Generation Cloud Network Operations System)

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4. Test Results

Click here to view the test results: CHINATELECOM-TMF664-v4.0.0-HTMLReport.html