

TM Forum Open APIs

Conformance

Certification



Company Name:

TATA CONSULTANCY SERVICES

Product Name and Release Version:

TCS HOBS CRM v9.0.0

TM Forum Open API Name and Release Version:

TMF642 – Alarm Management v5.0.0

Date: 01/10/2026

1. What Product or Solution does your API support?

TMF Alarm Management API is an Open API that provides a standardized interface for creating, retrieving, updating, acknowledging, and clearing alarms across multi-vendor telecom networks. It defines a common alarm model with attributes such as severity, probable cause, affected resource, and alarm state, enabling consistent fault management and service assurance. It also supports real-time alarm notifications, allowing OSS systems to integrate alarms from diverse network and cloud environments into a centralized fault management platform.

2. Overview of Certified API

This API performs the following operations

1. Alarm Management

Create Alarm,
Retrieve Alarm,
Update Alarm,
Delete Alarm.

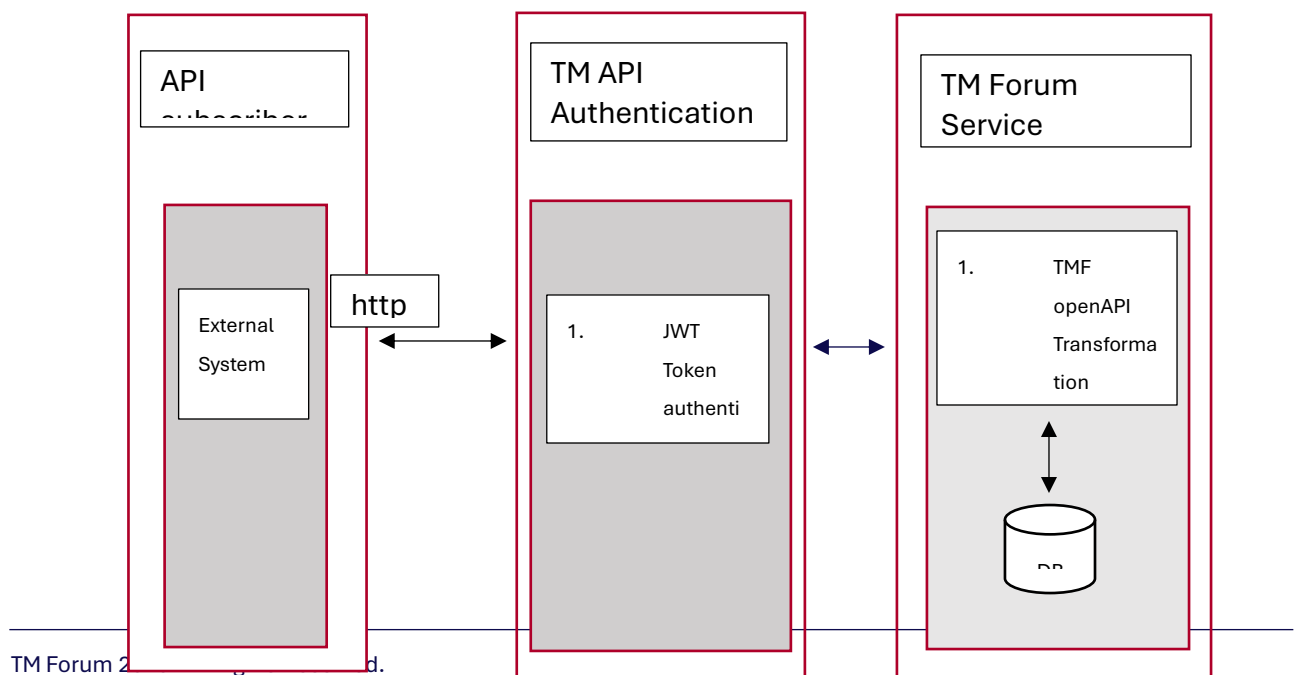
2. Alarm Attribute Management

Acknowledge Alarm,
Unacknowledge Alarm,
Clear Alarm,
Change Severity,
Update State

3. Event Notifications

AlarmCreateEvent
AlarmAttributeValueChangeEvent
AlarmStateChangeEvent
AlarmDeleteEvent

3. Architectural View



4. Test Results

Click here to view the test results: [TCS-HOBSCRM-TMF642-v5-HTMLResults.html](#)