TM Forum Open APIs

Conformance Certification

Company Name: TM Technology Services Sdn. Bhd.

TM Forum Open API Name:
TMF708 - Test Execution Management

TM Forum Open API Release Version: 4.0.0

Report Date: 13/12/2023
1. **What Product or Solution does your API support?**

Telekom Malaysia Open API framework build on TM APIM and TM Enterprise Middleware. This framework enable:

1. **Flexibility** - Open API framework is often more adaptable and customizable than closed API or proprietary software, letting businesses choose how to use the software to fit their specific needs.

2. **Interoperability** – Going with Open API framework gives businesses the option to leverage and connect with more third-party systems. Open API is essential for creating powerful full-building integrations, in which all systems communicate with each other, and data streams are analyzed as a single entity.

3. **Resource efficiency** – The ease of implementation, with shorter development time and faster go to market.
2. **Overview of Certified API**

This Test Case Execution API perform the following operations:
1. Retrieve a List of Test Case Execution resources depending on filter criteria using the GET
2. Retrieve a Test Case Execution resource using the GET operation with Test Case Result Id.
3. Create a Test Case Execution resource using the POST operation.
4. Partial update of a Test Case Execution resource using the PATCH operation
5. Deletion of a Test Case Execution resource using the DELETE operation

This Test Suite Execution API perform the following operations:
1. Retrieve a List of Test Suite Execution resources depending on filter criteria using the GET operation
2. Retrieve a Test Suite Execution resource using the GET operation with Test Data Schema resource Id
3. Create a Test Suite Execution resource using the POST operation
4. Partial update of a Test Suite Execution resource using the PATCH operation
5. Deletion of a Test Suite Execution resource using the DELETE operation

This Non Functional Test Execution API perform the following operations:
1. Retrieve a List of Non Functional Test Execution resources depending on filter criteria using the GET operation
2. Retrieve a Non Functional Test Execution resource using the GET operation with Test Data Schema resource Id
3. Create a Non Functional Test Execution resource using the POST operation
4. Partial update of a Non Functional Test Execution resource using the PATCH operation
5. Deletion of a Non Functional Test Execution resource using the DELETE operation

This Test Environment Allocation Execution API perform the following operations:
1. Retrieve a List of Test Environment Allocation Execution resources depending on filter criteria using the GET operation
2. Retrieve a Test Environment Allocation Execution resource using the GET operation with Test Data Schema resource Id
3. Create a Test Environment Allocation Execution resource using the POST operation
4. Partial update of a Test Environment Allocation Execution resource using the PATCH operation
5. Deletion of a Test Environment Allocation Execution resource using the DELETE operation.

This Test Environment Provisioning Execution API perform the following operations:
1. Retrieve a List of Test Environment Provisioning Execution resources depending on filter criteria using the GET operation
2. Retrieve a Test Environment Provisioning Execution resource using the GET operation with Test Data Schema resource Id
3. Create a Test Environment Provisioning Execution resource using the POST operation
4. Partial update of a Test Environment Provisioning Execution resource using the PATCH operation
5. Deletion of a Test Environment Provisioning Execution resource using the DELETE operation

API Notification
1. Register Listener
2. Unregister Listener
3. Publish Event to listener
3. Architectural View

- **Subscribing Channel**
  - Cloud
  - Computer

- **TM APIM**
  - TMForum Open API
    - API Management
    - Token Authentication
    - Throttling
    - Publish / Subscription
    - APIGate Portal

- **TM Enterprise Middleware**
  - Monitoring Layer
    - DynaTrace
    - Grafana
  - TMForum Open API
    - TMForum OpenAPI Transformation
    - Micro Service
    - Logging Framework
  - Log Management

- **Business Support System/ECO System Testing Environment**
  - BSS/OMC Eco System
4. **Test Results**

Click here to view the test results: [TELEKOM MALAYSIA-TMF708RW-HTMLResults.html](#)