TM Forum Open APIs

Conformance Certification

Company Name: TM Technology Services Sdn. Bhd.

TM Forum Open API Name: TMF654 – Prepay Balance Management

TM Forum Open API Release Version: 4.0.0

Report Date: 20/03/2024
1. **What Product or Solution does your API support?**

TM Prepay Balance Management API provides an open and standard request and response API mechanism to track prepaid balance (buckets resource), topup prepaid balance (topupbalance resource), adjust prepaid balance (adjustbalance resource), reserve an amount of money in prepaid account (reservebalance resource) in BSS. Order Capture portals will invoke the API to track, topup, adjust and reserve prepaid in BSS.

2. **Overview of Certified API**

This API perform the following operations:
1. Retrieve a List of Bucket resources depending on filter criteria using the GET.
2. Retrieve a List of Bucket resource using the GET operation.
3. Create a Bucket resource using the POST operation.
4. Retrieve a List of TopupBalance resources depending on filter criteria using the GET.
5. Retrieve a List of TopupBalance resource using the GET operation.
6. Create a TopupBalance resource using the POST operation.
7. Retrieve a List of AdjustBalance resources depending on filter criteria using the GET.
8. Retrieve a List of AdjustBalance resource using the GET operation.
9. Create a AdjustBalance resource using the POST operation.
10. Retrieve a List of ReserveBalance resources depending on filter criteria using the GET.
11. Retrieve a List of ReserveBalance resource using the GET operation.
12. Create a ReserveBalance resource using the POST operation.
3. Architectural View

API subscriber

TM API Gate

TM Enterprise Middleware

Monitoring Layer

- DynaTrace
- Grafana

Log Management

- TMF OpenAPI Transformation
- Micro Service
- Logging Framework

BSS

HTTPS
OAuth2

TMForum Open API

- API Management
- Token Authentication
- Throttling
- Publish / Subscription
- APIGate Portal

Wso2 API Manager

Wso2 API Manager
4. Test Results

Click here to view the test results: TELEKOM MALAYSIA-TMF654RW-HTMLResults.html