TM Forum Open APIs

Conformance Certification

Company Name: Etiya

TM Forum Open API Name: TMF639 –Resource Inventory Management

TM Forum Open API Release Version: 20.5 / 4.0

Report Date: 30/05/2023
1. **What Product or Solution does your API support?**

**Etiya RIM (Resource Inventory Management)** platform allows managing the resources. Etiya RIM has these features: Manage Resources, Resource Lifecycle.

**Resource Management:**
Etiya Resource Management involves defining logical resources and specifying their properties. By clearly identifying and categorizing resources, you can efficiently allocate them to various resource pools. This process allows you to streamline operations and maximize productivity. Additionally, resource management enables you to control the entire lifecycle of each resource, from creation and activation to expiration and retirement. With full control over the availability, access, and updates of your resources, you can ensure optimal utilization and avoid wastage.

**Resource Lifecycle and Optimization:**
Managing the lifecycle of resources is crucial for efficient resource utilization and optimization. By defining different stages for resources, such as creation, activation, expiration, and retirement, you gain granular control over their lifecycle. This enables you to strategically allocate resources based on resource lifecycle and priorities. Additionally, by closely monitoring resource availability and usage patterns, you can identify bottlenecks and make informed decisions to optimize resource utilization. With a well-defined resource lifecycle management approach, you can ensure that resources are allocated effectively, minimizing waste and maximizing productivity.
2. Overview of Certified API

Resource Inventory Management API, consumers can leverage its functionalities to query the Resource inventory, retrieving specific information based on their requirements. This enables quick and targeted access to relevant resources, optimizing the overall resource management process.

The API allows for manipulation of the Resource inventory, empowering users to make changes and updates as needed. Whether it's adding new resources, modifying existing ones, or retiring outdated resources, Resource Inventory provides a unified interface for performing these actions.

Resource Inventory Management API is opened to CSP partners/external systems via Etiya API Gateway to ensure security, logging, and performance monitoring.

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<tr>
<th>#</th>
<th>Resource</th>
<th>API Overview</th>
<th>Operations Supported</th>
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<tbody>
<tr>
<td>1</td>
<td>Resource resource</td>
<td>The intent of this API is to provide a consistent/standardized mechanism to query and manipulate the Resource inventory.</td>
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Architectural View

Operator’s Partner Ecosystem / Legacy Systems

Etiya API Gateway

Etiya RIM

TMF639 Resource Inventory Management API

Etiya RIM DB

Resource Inventory

3. Test Results
Click here to see the test results: ETIYA-TMF639 API-HTML Results