TM Forum Open APIs

Conformance Certification

Company Name: Comviva Technologies Limited

TM Forum Open API Name: TMF708 – Test Execution Management

TM Forum Open API Release Version: 4.0.0

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1. **What Product or Solution does your API support?**

Comviva's Digital BSS suite is a comprehensive and specialized solution tailored for OTT subscription services, providing end-to-end support for the entire service ecosystem. It facilitates efficient resource management, streamlines operational workflows, and ensures lifelong support for the subscriber base. With a unified interface that spans multiple operational aspects, OTT service providers can seamlessly manage the entire subscriber lifecycle. Comviva's Digital BSS suite offers a consolidated view of operations, enabling operators to prioritize subscriber needs and exceed their expectations. Through a centralized repository and adaptable workflows, the suite adeptly handles a wide array of subscriber queries, thereby enhancing customer services, boosting satisfaction, and enabling a more targeted marketing approach.

Comviva's Digital BSS suite solution represents a cutting-edge Provisioning and Customer Care solution, unifying critical business processes and workflows specific to OTT subscription services. It empowers Customer Care personnel to effectively and efficiently address customer problems, queries, and requests, ensuring a seamless and responsive customer experience.

2. **Overview of Certified API**

Test Execution Management is a critical feature within the Comviva CRM Product. The Test Execution Management API provides a standardized interface for both internal and external entities to oversee and control test execution activities within the platform. Through this API, users can perform the following operations:

- **List Test Executions:**
  - This operation retrieves a list of test execution entities, allowing users to view ongoing and completed test executions.

- **Retrieve Test Execution by ID:**
  - This operation retrieves a specific test execution entity based on its unique identifier, enabling users to access detailed information about a particular test execution.

- **Create Test Execution:**
  - This operation initiates a new test execution entity, enabling users to commence new test activities and assign relevant parameters.

- **Update Test Execution:**
• This operation facilitates updates to existing test execution entities, allowing users to modify parameters, statuses, or other relevant details as needed during the test execution lifecycle.

• **Delete Test Execution:**
  • This operation enables users to remove a test execution entity from the system, providing flexibility in managing test execution data and resources effectively.

By leveraging the Test Execution Management API, users can efficiently oversee and manage test execution activities, ensuring thorough testing and validation of the Comviva CRM Product.

3. **Architectural View**

![Architectural View Diagram](attachment:architectural_view.png)
4. **Test Results**

Click here to view the test results:

**TestEnvironmentAllocationExecution:**
[COMVIVA-TMF708- TestEnvironmentAllocationExecutionHTMLResults.html](COMVIVA-TMF708- TestEnvironmentAllocationExecutionHTMLResults.html)

**TestEnvironmentProvisioningExecution:**
[COMVIVA-TMF708- TestEnvironmentProvisioningExecutionHTMLResults.html](COMVIVA-TMF708- TestEnvironmentProvisioningExecutionHTMLResults.html)

**TestCaseExecution:**
[COMVIVA-TMF708- TestCaseExecutionHTMLResults.html](COMVIVA-TMF708- TestCaseExecutionHTMLResults.html)

**TestSuiteExecution:**
[COMVIVA-TMF708- TestSuiteExecutionHTMLResults.html](COMVIVA-TMF708- TestSuiteExecutionHTMLResults.html)

**NonFunctionalTestExecution:**
[COMVIVA-TMF708- NonFunctionalTestExecutionHTMLResults.html](COMVIVA-TMF708- NonFunctionalTestExecutionHTMLResults.html)