Open API Table - Previous (N-2) Versions

Please be aware these are archived versions for historic access, please use the latest table unless you specifically need to access the previous version

The increasingly complex multi-partner digital services value chain raises new challenges in terms of ensuring time-to-market, seamless management, cost-effectiveness and revenue sharing.

In order to meet these challenges, TM Forum members including the world's largest service providers and suppliers, have been working to develop APIs that enable the open digital ecosystem and provide critical management functionality to digital services.

By default, the information in the table is sorted by API title, but can be re-sorted (for example, by Document Number or Release Version) by clicking on the relevant column headings.

⚠ **To access the API table links below you will need to be logged in**

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For TM Forum Members

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TM Forum Open APIs

Note: Reference/Sample implementation is not an architecture direction but a sample in a sandbox

TM Forum Open APIs	Document Number	Swagger	API Specification	Conformance Profile	CTK	Sample Implementation Code	Postman Collection	Release
Account Management API Provides standardized mechanism for the management of billing and settlement accounts, as well as for financial accounting (account receivable) either in B2B or B2B2C contexts	TMF666	RAND			Not available	Not available	Not available	17.0.1

API	TMF								Version
Activation and Configuration API The REST API for Activation and Configuration allows the user to retrieve, create, update, delete services and retrieve the monitor resource used to monitor the execution of asynchronous requests on a specific resource. Although all the examples given in the API specification are relative to Services, the same API can be used to Activate and Configure Services or Resources.	TMF640	{···} RAND	(PDF)		Not available	Not available	</> RAND	(RAND)	15.5.1
Address API The Address API is one of the Pre-Ordering Management APIs. The Address API provides a standardized client interface to an Address management system .It allows to look for worldwide addresses. It can also be used to validate address data, to be sure that it corresponds to a real address. (Superseded by TMF673 Geographic Address Management API)	TMF647	{···} RAND	(PDF)		Not available	Not available	</> RAND	RAND	16.0.1
Agreement Management API The Agreement API provides a standardized mechanism for managing agreements, especially in the context of partnerships between partners.	TMF651	{···} RAND	(PDF)		Not available	Not available	</> RAND	RAND	16.0.1
Appointment API The Appointment API is one of the Pre-Ordering Management APIs. The appointment API provides a standardized mechanism to book an appointment with all the necessary appointment characteristics. First, the API consists in searching free slots based on parameters, as for example a party. Then, the appointment is created. The appointment has characteristics such as nature of appointment, place of appointment.	TMF646	{···} RAND	(PDF)		Not available	Not available	</> RAND	RAND	16.0.1
Communication API Provides a capability to create and send communications, notifications, and instructions to Parties, Individuals, Organizations or Users.	TMF681	{···} RAND	(PDF)	(gears)	Not available	Not available	Not available		17.5.1
Customer Management API Provides a standardized mechanism for customer and customer account management, such as creation, update, retrieval, deletion and notification of events.	TMF629	{···} RAND	(PDF)	(gears)	Not available	Not available	Not available		17.0.1
Partnership Type Management API Standardized mechanisms for creating partnership types. It is one of the APIs involved in an onboarding process. Identifies a type of a partnership between parties, including the list of role types that are permitted (i.e Buyer, Seller, Developper). Role types may refer to agreement specifications to be signed by parties playing the role. The API allows the retrieval, creation, update and deletion of partnership type and its owned sub-resources.	TMF668	{···} RAND	(PDF)	(gears)	Not available	Not available	Not available		17.0.1
Party Role Management API A standardized mechanism for general party roles and includes operations such as creation, update, retrieval, deletion and notification of events. Notice that for the management of customers there is a specific Customer Management API. Party Role management API manages the following data resources: PartyRole	TMF669	{···} RAND	(PDF)	(gears)	Not available	Not available	Not available		17.0.1
Product Catalog Management API Provides a standardized solution for rapidly adding partners' products to an existing Catalog. It brings the capability for Service Providers to directly feed partners systems with the technical description of the products they propose to them.	TMF620	{···} RAND	(PDF)	(gears)	✔ RAND	</> RAND	RAND		14.5.1

API	TMF	Col1	Col2	Col3	Col4	Col5	Col6	Version
Product Inventory Management API Provides standardized mechanism for product inventory management such as creation, partial or full update and retrieval of the representation of a product in the inventory. It also allows the notification of events related to product lifecycle.	TMF637	RAND	(PDF)	(gears)	✓	RAND	RAND	16.5.1
Product Ordering API Provides a standardized mechanism for placing a product order with all of the necessary order parameters. The API consists of a simple set of operations that interact with CRM/Order negotiation systems in a consistent manner. A product order is created based on a product offering that is defined in a catalog. The product offering identifies the product or set of products that are available to a customer, and includes characteristics such as pricing, product options and market.	TMF622	RAND	(PDF)	Not available	Not available	RAND	RAND	16.5.1
Quote Management API The Quote API is one of the Pre-Ordering Management APIs. The customer Quote API provides a standardized mechanism for placing a customer quote with all of the necessary quote parameters.	TMF648	RAND	(PDF)	Not available	Not available	RAND	RAND	16.0.1
Service Catalog API The Service Catalog Management API allows the management of the entire lifecycle of the service catalog elements.	TMF633	RAND	(PDF)	Not available	Not available	Not available	Not available	16.5.1
Service Inventory Management API The intent of this API is to provide a consistent /standardized mechanism to query and manipulate the Service inventory.	TMF638	Apache	(PDF)	(gears)	Not available	Not available	Not available	18.0.1
Service Ordering Management API The REST API for Service Order Management provides a standardized mechanism for placing a service order with all of the necessary order parameters. It allows users to create, update & retrieve Service Orders and manages related notifications.	TMF641	Apache	(PDF)	(gears)	Not available	Not available	Not available	18.0.1
Service Qualification API Service Qualification API is one of the Pre-Ordering Management APIs. Service Qualification API goal is to provide service availability at Customer location.	TMF645	RAND	(PDF)	(gears)	Not available	Not available	Not available	18.0.1
Service Test Management API The Service Test API provides a standardized mechanism for placing a service test with all of the necessary test parameters. The API consists of a simple set of operations that interact with CRM/Service Management systems in a consistent manner. A service test is a procedure intended to check the quality, performance, or reliability of a service.	TMF653	Apache	(PDF)	(gears)	Not available	Not available	Not available	18.0.1
Shopping Cart API Standardized mechanism for the management of shopping carts. Including creation, update, retrieval, deletion and notification of event. Shopping Cart entity is used for the temporary selection and reservation of product offerings in e-commerce and retail purchase.	TMF663	RAND	(PDF)	(gears)	Not available	Not available	Not available	17.0.1

Trouble Ticket API	TMF621							14.5.1
Provides a standardized client interface to Trouble Ticket Management Systems for creating, tracking and managing trouble tickets among partners as a result of an issue or problem identified by a customer or another system. Examples of Trouble Ticket API clients include CRM applications, network management or fault management systems, or other trouble ticket management systems (e.g. B2B).		{···} RAND		⚙	✔ RAND	</> RAND	RAND	

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