



Feature Scope Description | PUBLIC
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Feature Scope Description for SAP API Management

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1 Feature Scope Description for SAP API Management

This document defines the functional scope of SAP API Management.

Further restrictions may apply based on your license agreement with SAP. Functions and capabilities described in the documentation of this product may exceed the functional scope of the product to explain the integration with other SAP products, which must be licensed separately.

1.1 Features

This document provides a high-level description of the available SAP API Management features.

Feature	Description
Building APIs	API portal is an application that provides a common platform for API designers to define and publish APIs. Every API Management customer is provided with their own API portal application on cloud. The API portal offers capabilities to configure systems, build and publish APIs, analyze and test APIs.
Publishing APIs	A Product is a bundle of APIs. It contains metadata specific to your business for monitoring or analytics. For example, all APIs related to CRM can be bundled as one CRM Product. Instead of publishing APIs individually, it is easier to bundle related APIs together as a Product and publish it. After including the required APIs to a Product, the Product is published to the Catalog, where the Product is available for Application developers to browse through.
Analyzing APIs	API Management provides comprehensive analytics capabilities to understand the various patterns of API consumption. The API Analytics server uses the runtime data of the APIs to analyze the information. The runtime data is gathered, analyzed, and displayed as charts, headers, and key performance indicators (KPIs).
Consuming APIs	API business hub enterprise is an application that provides a common platform for Application developers to consume APIs. Every API Management customer is provided with their own API business hub enterprise application on cloud. The API business hub enterprise offers capabilities to onboard application developers, explore and test APIs, create and subscribe to Applications.

Feature	Description
Monetizing APIs	<p>SAP API Management provides monetization feature to all API providers to generate revenue for using the APIs. As an API Admin, you can create a rate plan and attach a rate plan to a Product in the API Portal and publish the product in the API business hub enterprise. You can also view bill details of each developer in the API Portal.</p> <p>As an application developer, in the API business hub enterprise, you can create an application and add products to the application. Based on the product usage, you can view the corresponding bill details.</p>
Discover API Packages	<p>In API Management, you can discover API Management platform supported API packages available in SAP Business Accelerator Hub on the API Portal.</p>
Security	<p>Data Protection and Privacy for API Management- Various types of customer data are processed by and stored on API Management at different times. This data gets the highest level of protection, and SAP takes dedicated measures to guarantee this security level.</p> <p>Auditing and Logging Information for API Management- An audit log, also called an audit trail, is essentially a record of events and changes. SAP software creates logs based on events. Audit logs are records of these event logs, typically representing security-relevant chronological records that provide documentary evidence for an event or activity.</p>
API Designer	<p>Model APIs using the API designer. The API designer is based on the OpenAPI Specification (OAS) standard, which is an open source collaborative project. The API designer allows you to seamlessly create and edit APIs, and view its corresponding documentation in a single window frame. It has rich inbuilt capabilities, which may not be limited to conversion of APIs from one format to another (for example, from RAML to YAML, JSON to YAML and vice versa), generate server and client stubs, download API specification files etc. These API specification files created from the API designer can be published as APIs on the SAP Business Accelerator Hub.</p>
Transport APIs and Its Related Artifacts	<p>API artifacts and their respective application-specific content, can be reused across multiple tenants using the transport mechanism.</p> <p>You can use the SAP Cloud Transport Management service (TMS) for exporting, importing, and shipping the APIs and its related artifacts from the development or test environment to production environment. For example, you can design and test API portal content on the test tenant and then use the Cloud Transport Management service to move the content to the target tenant.</p>
Consuming API Management Service Instance from Kyma	<p>Kyma environment provides a fully managed Kubernetes runtime based on the open-source project "Kyma". You can use the Kyma environment to search and discover API Management, API Portal and API business hub enterprise applications.</p>

Feature	Description
Migration of API Management Subscription	<p>You can choose to migrate an API Management subscription from Neo to Cloud Foundry environment or from one Cloud Foundry environment to another Cloud Foundry environment.</p> <p>Migration Assistant for asset migration includes the tools and utilities that enable migration of design time assets nondisruptively.</p>
API business hub enterprise [New Design]	<p>If you have added API business hub enterprise as a capability with Integration suite, or if you've subscribed to API business hub enterprise as part of standalone API Management subscription, we now have a new design of the user interface for you to experience.</p>
Secure options to consume APIs	<p>There are secure options to consume APIs using the API Access Plan for API portal, API business hub enterprise and on-premise connectivity. You can create service keys with credential types "binding- secret", "instance- secret" and "x509".</p>
Graph	<p>Graph is a capability of API Management within SAP Integration Suite. With Graph, developers access your business data as a single semantically connected data graph, spanning the suite of SAP products and beyond. Targeting SAP's ecosystem of partner and customer developers, Graph's powerful API reduces the cost and complexity of creating and deploying reusable extensions and other client applications.</p> <p>Graph is a solution to unify your business APIs in the form of a semantically connected data graph, accessed via a single powerful API. Out of the box, it provides developers a single connected and unified view of your SAP-managed business data. Graph consolidates thousands of data entities from SAP systems like SAP S/4HANA, SAP Sales Cloud, and SAP SuccessFactors, into one curated, semantically connected, data model. We call this connected graph a Business Data Graph.</p>
API Revisions	<p>API revisions is a feature of API Management within SAP Integration Suite and API Management standalone service. With API revisions, you can make incremental changes to an API proxy without causing any disruption to the deployed API. Access the past changes made to the API proxy, and even restore the API to any of its previous states.</p> <p>Revisions typically include small incremental and compatible changes. For example, adding a property or adding a new resource or a policy to an API proxy. You create revisions when there are changes that don't break the existing consumption flows. API revisions are agnostic of the actual URL that is used for consuming the API. Since the deployed revision is being consumed, you don't have to access it separately. The API proxy URL doesn't change across revisions of an API proxy. It is a design time entity, you can view the different revisions in the design time, and compare the contents of different revisions.</p>
Manage access in API business hub enterprise	<p>As an API business hub enterprise admin, you have the authority to control the level of access for your users, allowing them to search, discover, and access the content available on the API business hub enterprise.</p>

1.2 Service Availability

This section describes the product availability aspects and the product restrictions.

Availability Aspect	Description
Platform availability	<ul style="list-style-type: none">• Latency: network latency depends on various factors, no precise information can be provided on a general level• Resilience: system can regain stable state after disruption• Scalability: system responds to peaks in resource requirements• Extensibility: system can integrate other technologies <p>For more information, see Service Level Agreement for SAP Cloud Services.</p>
Regions	API Management is hosted in different regions (navigate here and then click the <i>globe icon</i>).
Infrastructures	API Management runs on several underlying infrastructure as a service technologies, including SAP data centers and data centers owned by other infrastructure providers, for example Amazon Web Services.
Environments	<p>SAP BTP offers the following development environments:</p> <ul style="list-style-type: none">• Cloud Foundry: You can use this environment for 12-factor- and/or microservice-based applications and services and applications using non-Java runtimes, IoT, and machine learning scenarios, and multiple other runtimes. Based on the open source application platform managed by the Cloud Foundry Foundation. Can be used to enhance SAP products and to integrate business applications, as well as to develop entirely new enterprise applications based on business APIs that are hosted on SAP BTP. It can be integrated with SAP HANA extended application services, advanced model (SAP HANA XSA).• Neo: You can use this environment for developing HTML5-based, SAP HANA XS, and Java applications• Kyma: You can use the Kyma environment to search and discover APIs. It provides a fully managed Kubernetes runtime based on the open-source project "Kyma".
Languages	<p>API Management supports the following languages in the tools and documentation:</p> <ul style="list-style-type: none">• English
Accessibility	<p>API Management provides accessibility support in its administration and development tools, and the customer documentation. This includes:</p> <ul style="list-style-type: none">• High-contrast black theme for the administration UI• Texts and information• UI elements via attributes and element IDs• Orientation and navigation throughout the UI• User interaction

Availability Aspect	Description
Integration	<ul style="list-style-type: none"> Integrates with other SAP or third-party cloud products and platforms Includes a comprehensive set of services for connectivity and integration with your cloud based applications Facilitates secure integration with on-premise systems running software from SAP and other vendors
Free trial use	<p>The free trial of API Management provides access is available for testing and exploring: for example:</p> <ul style="list-style-type: none"> Productive and beta features and services Administration and development tools Application deployment Databases Community Support <p>You are not allowed to use productively the applications deployed using the free trial access.</p>

Restrictions

- If your contract allows EU-Access, you are not allowed to use the Cloud Foundry environment. Operations support for applications running in EU regions can also only be performed by operators located in the EU.
- Service-specific restrictions are described in the respective capability section in this document or in the linked feature scope descriptions for the separately licensed services.

Note

Further restrictions may apply when using the product on an infrastructure hosted by a third-party provider.

1.3 Browser Support

Browser	Versions
Google Chrome	Latest version
Mozilla Firefox	Extended Support Release (ESR)
Microsoft Internet Explorer	11 (end of support: October 1, 2021)

1.4 Service Level Agreement

This agreement document for cloud service offerings from SAP forms the basis of your contractual relationship with SAP when referenced in specific order forms.

This document contains a specific section about SAP BTP covering uptime, credits, update windows, and others.



For more information, see [Service Level Agreement for SAP Cloud Services](#) .

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