

# webMethods API Portal 10.2 Readme

**April 2018**

This is an innovation release. Innovation releases have a much shorter support cycle than standard releases. To learn more, please visit <http://empower.softwareag.com/innovationrelease/>.

This file contains important information you must read before using webMethods API Portal 10.2. You can find system requirements, user documentation, and installation and upgrade instructions on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find suite-related security and globalization information.

Included in this file is information about functionality that has been added, removed, deprecated, or changed for this product. Deprecated functionality continues to work and is supported by Software AG, but may be removed in a future release. Software AG recommends against using deprecated functionality in new projects.

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## 1.0 Critical Information

This section lists any critical issues for the current release that were known when this readme was published. For critical information found later, go to the Knowledge Center on the [Empower website](#).

## 2.0 Known Issues

This section lists any issues for the current release that were known when this readme was published. For known issues found later, go to the Knowledge Center on the [Empower website](#).

- BLUE-14180

Load balancer fails to start in RHEL 6.8 machine.

When API Portal is installed in an RHEL 6.8 machine, the runnable loadbalancer\_s fails to start.

The workaround is to uninstall “apr” packages present in the machine.

- YAP-5045

Restoring backups from older API Portal versions in API Portal 10.2 fails.

When a backup taken from API Portal version 10.0 or earlier is restored in API Portal 10.2, the restore functionality through UI fails with the following error message: “Invalid backup file. Please upload valid backup file to restore.” However, the restore functionality through the ACC console command line utility works as expected.

The workaround to restore data through UI is to clear the "API Portal analytics" checkbox in the Restore UI and then perform the restore operation.

## 3.0 Usage Notes

This section provides any additional information you need to work with the current release of this product.

- webMethods API Portal 10.2 can either import APIs directly or have API published by CentraSite and API Gateway.  
In case APIs are published from CentraSite, webMethods API Portal 10.2 requires CentraSite 9.7 or higher.  
In case APIs are published from API Gateway, webMethods API Portal 10.2 requires API Gateway 9.12 or higher.

## 4.0 Fixes Included in Each Release

This section lists the latest fix level that has been included in each release for each product component. A release is listed in this section only if changes occurred in that release. Go to the Knowledge Center on the [Empower website](#) for detailed information about fixes.

### ***Release 10.1***

- YAP\_10.1\_Fix2

### ***Release 10.0***

- YAP\_10.0\_Fix2

### ***Release 9.12***

- YAP\_9.12\_Fix4

### ***Release 9.10***

- YAP\_9.10\_Fix4

### ***Release 9.9***

- YAP\_9.9\_Fix7

### ***Release 9.8***

- YAP\_9.8\_Fix3

### ***Release 9.7***

- YAP\_9.7\_Fix2

## 5.0 Other Resolved Issues

This section lists the issues that were resolved in each release but were not part of the fixes listed in the previous section. A release is listed in this section only if changes occurred in that release.

## **Release 10.0**

- YAP-3398  
Subscription tokens are not deleted while unpublishing packages from API Portal.  
When a package is unpublished from API Portal, the associated subscription tokens are not deleted.  
This issue is now resolved.

## **Release 9.12**

- YAP-1389  
Scheduled reports - back navigation  
When editing or creating a scheduled report, on clicking Back the modifications are lost.  
This issue is now resolved.
- YAP-2280  
API Runtime metrics published from Mediator to API Portal creates Active sessions in UMC.  
For every runtime metric published from Mediator to API Portal, an active session is created which is valid for 1 hour. If more data is published from Mediator to API Portal multiple active sessions will be created and this results in the unavailability of UMC.  
This issue is now resolved.

## **Release 9.8**

- YAP-605  
Access token page does not refresh after deleting or renewing an API.  
You have to refresh the page manually to clear the display of the deleted access token.  
This issue is now resolved.
- YAP-595  
Links for downloading API documents always provides a HTTPS link irrespective of whether we access the portal using HTTP/HTTPS.  
By default the load balancer is configured to run using both HTTP and HTTPS ports. In such a case, ARIS Document store always provides a HTTPS link. So even when you login to API Portal using http port, the link to download documents for an API, will always be HTTPS.  
This issue is now resolved.
- YAP-576  
Expired API key is set only in the request header though the new API key is set in the key setting dialog.  
The proxy configuration in the browser can cause undesirable effects while trying out an API from API Tryout page. Whenever a particular API is tested multiple times from the API Tryout page the request is cached in the proxy server. So every time when the request reaches the proxy server, instead of hitting the origin server to get the requested object the proxy server serves the request from the cache.

This issue is now resolved.

- YAP-540

An exception occurs on testing an API for API Key enabled REST API.

The proxy configuration in the browser can cause undesirable effects while trying out an API from API Tryout page. Whenever a particular API is tested multiple times from the API Tryout page the request is cached in the proxy server. So every time when the request reaches the proxy server, instead of hitting the origin server to get the requested object the proxy server serves the request from the cache.

This issue is now resolved.

- YAP-578

Miscellaneous issues with Collaboration and the API Comment Stream section.

The following issues occur in the API Comment Stream section in API Portal Collaboration:

- API Comment Stream does not support file attachments.
- Guest users cannot see the API Comment Stream section.
- After clicking Add Tag, the placeholder to enter the tags does not appear correctly.

This issue is now resolved.

## 6.0 Documentation Changes

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content. A release is listed in this section only if changes occurred in that release.

### **Release 10.2**

The online help content is now also available in PDF format on Empower.

- API Portal Administrator's Guide ( includes the online help content)
- API Portal Provider's Guide
- API Portal Consumer's Guide

### **Release 10.1**

- For information on OAuth2 support in API Portal, see *webMethods API Portal Administrator's Guide*.
- For more information on multi-factor authentication, see *webMethods API Portal Administrator's Guide and API Portal Online Help*.

### **Release 10.0**

- For information on SAML 2.0 configuration for Consumer user in API Portal, see *webMethods API*

*Portal Administrator's Guide.*

- For more information on API Provider Administration, see *API Portal Online Help*.
- For information on API SDK generation in API Portal, see *API Portal Online Help*.
- For information on custom navigation links, see *API Portal Customization Guide*.
- Removed the Manage Reports section from *webMethods API Portal Administrator's Guide* and *API Portal Online Help*.

## **Release 9.12**

- For information on API Portal Extension points in API Portal, see *webMethods API Portal Administrator's Guide*.

## **Release 9.10**

- For information on configuring the High Availability functionality in API Portal, see *webMethods API Portal Administrator's Guide*.

## **Release 9.9**

- For information about customizing the API Portal, see the API Portal Customization Guide and online help. Note that the help is role-based, with the help set displayed based on the user's credentials and role: configuration and administration (ca), provider (pv), consumer (ct).

## **Release 9.8**

- For information about customizing the API Portal, see the online help. Note that the help is role-based, with the help set displayed based on the user's credentials and role: configuration and administration (ca), provider (pv), consumer (ct).

## **Release 9.7**

- For information about hardware requirements, installing, and uninstalling webMethods API Portal, see *Installing webMethods and Intelligent Business Operations Products*.
- For information about how to configure API Portal for use with CentraSite and webMethods Mediator, how to manage API Portal and its users, and how to manage APIs published to API Portal, see *webMethods API Portal Administrator's Guide*.
- For information about using the API Portal, see the online help. Note that the help is role-based, with the help set displayed based on the user's credentials and role: configuration and administration (ca), provider (pv), consumer (ct).

## 7.0 Terminology Changes

A release is listed in this section only if changes occurred in that release.

## 8.0 Added, Removed, Deprecated, or Changed Items

This section lists functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed.

### **Release 10.2**

Added Item	Description
API Portal Testing Enhancements	API Portal Try API page has been enhanced for better usability. Accessibility of resources and methods has been improved. The request and response sections are now formatted based on the content types. JSON Web Token (JWT) support has been added. This enables an API consumer to test APIs protected by JWT.
API details page should include details of API scopes	If methods of an API are protected by API Key, OAuth2 or JWT, the same is indicated by a lock symbol in API details and Try API page. In API details page, an API scopes section containing the details of scopes associated with the API has been added.
Viewing REST enabled SOAP APIs in API Portal	SOAP APIs that have REST transformation enabled in API Gateway can be viewed as hybrid APIs in API Portal. A user can switch between REST and SOAP views in API details and Try API page.
Reports (including scheduling) from API Portal data	An API consumer can schedule reports that provide periodic alerts on the usage of applications, which he owns. The application usage metrics are collected and mailed to the configured email address. The report execution frequency can be configured as Daily, Weekly or Monthly in the user profile page.
API tagging in API Portal	Tags can be added at the API level using the edit functionality in API details page. The added tags can be viewed below the API name in API details page. If an API with tags at resource and method level is published to API Portal, the tags are rendered in the respective sections.

Added Item	Description
API Portal Customization enhancements	Customization of font and color, layout, and locale properties is possible through the UI. Layout customization is supported only for API gallery and App gallery pages. New properties for different locales can be added.

## **Release 10. 1**

Added Item	Description
API Editing	Once an API is imported or published to API Portal, the API provider can modify the API metadata in the details page. Basic editing enables the provider to edit API name and description, resource, method and parameter description, and additional attributes. Advanced editing enables the provider to modify the icon, supporting documents, and categories of an API.
Backup and Restore analytics data	In addition to API metadata and collaboration data, an API administrator can now backup and restore API Portal analytics data. This includes data related to page views, user registrations, API lifecycle events, access token lifecycle events, provider lifecycle events, and run-time analytics data of APIs.
OAuth support enhancements	OAuth support in API Portal has been extended to include Authorization code and Implicit grant types.
Multifactor Authentication support	API Portal provides multi-factor authentication (MFA) that requires the use of a one-time password to verify a user's identity for a login. API administrator can enable this feature in the user management console (UMC).
Advanced search in API Portal	Search capabilities in API Portal have been enhanced to enable a user to search APIs based on resources, methods, parameters, endpoints and policies. Packages and applications are also searchable by name and description.



## **Release 10.0**

<b>Added Item</b>	<b>Description</b>
API SDK Generation	The client code for an API in a specified language can be downloaded as a zip file. The zip file contains necessary code package that can be used for testing and communicating with the API. This is available for REST APIs.
API Portal Versioning	API Portal supports versioned APIs that are published from API Gateway and CentraSite. APIs that have been directly imported into API Portal can also be versioned.
Consumer analytics dashboards	<p>Consumer dashboard captures the KPIs specific to the users who access API Portal. It is used to track the total API requests over a period of time, requests over time per API, and API request log.</p> <p>Dashboards are now displayed based on the role of the user.</p>
API Portal provider administration	API Portal offers a user interface to easily manage API providers. An API Provider has the privileges to enable an API Portal Administrator or Provider to manage APIs, and configure notification types that are used for API-related events.
Custom navigation links	API Portal enables adding custom navigation links in the header section. The links can be customized to render the required display text and navigate to the configured pages.
<b>Deleted Item</b>	<b>Description</b>
Managing Reports in API Portal	Managing reports is no longer possible in API Portal.

## **Release 9.12**

<b>Added Item</b>	<b>Description</b>
API Portal Extension Points for Standalone Deployments	API Portal is configurable to work as a standalone component and can be integrated into any third-party API Management systems, which may not necessarily have Mediator or CentraSite present. You can configure API Portal to work with different key management systems for access token retrieval functions for the APIs deployed in the third-party environments.
API Plans and Subscriptions	Plans are offered as tiered offerings with varying availability guarantees, SLAs or cost structures associated to it. An API Package can be associated with multiple plans at a time. This helps the API Providers in providing tiered access to their APIs to allow for different service levels and pricing plans.
HTTP PATCH support	The HTTP PATCH support is available in API Portal 9.12 onwards. You can use this method in API testing.
Dashboards Enhancement	<p>API Portal dashboards have been enhanced to bring better visualizations and capabilities.</p> <p>A new dashboard called API trends dashboard has been added. The API Trends Dashboard is used to learn more about the API invocation trend as per response time, success and failure rate.</p>

## **Release 9.10**

<b>Added Item</b>	<b>Description</b>
API Runtime Events Dashboard	API Runtime Events Dashboard is used to know more about the API's invocations and its performance during runtime. You can filter the data as required, configure the dashboard to display the required data, and view the required data by highlighting the KPI.
Adoption of ECP Enhancements for Collaboration in API Portal	<p>Authenticated users have the ability to:</p> <ul style="list-style-type: none"><li>▪ view the list of notifications for the followed items</li><li>▪ mark a notification as read or unread</li><li>▪ delete a notification</li><li>▪ configure the notification destination settings</li></ul>

## 9.0 Copyright Information

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## 10.0 Support

Visit the [Empower website](#) to learn about support policies and critical alerts, read technical articles and papers, download products and fixes, submit feature/enhancement requests, and more.

Visit the [TECHcommunity website](#) to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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