

webMethods API Gateway 9.12 Readme

October 2016

This file contains important information you must read before using webMethods API Gateway 9.12. 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](#).

- YAI-1380
Unable to automatically synchronize the API Gateway port.
The API Gateway port configuration is not automatically synchronized across the nodes of an API Gateway cluster.
The workaround of this issue is to manually configure the ports configuration on each cluster node.
- YAI-1414
Unable to invoke the deployed service after reconnecting the node.
When a node (node 1) gets disconnected in a clustered environment and if another node (node 2) publishes a service, the disconnected node (node 1) is unable to execute the service after reconnecting.
The workaround of this issue is to restart IS running the API Gateway that was disconnected.
- YAI-1556
Reverse invoke does not work for REST API in paired gateway deployment.
Invocation of REST API in paired gateway deployment returned with status code 404 instead of 200.
There is no workaround for this issue.
- YAI-1521
Require HTTP Basic Authentication returns response when authorization headers are not passed.
When a REST API with HTTP Basic Authentication policy is executed without Authorization header, the request is processed successfully.
There is no workaround for this issue.
- YAI-1540
Monitoring event is not generated for SLA Policy for fault count.
When SLA policy configured for an API is breached, monitoring event is not generated if the SLA is set for fault count.
There is no workaround for this issue.
- YAI-1511
\${sys:resource_path} is not replaced in the endpoint URI during reverse invoke.
Resource path alias \${sys:resource_path} is not replaced in the routing endpoint with the resource path from incoming endpoint URI. Due to this, 405 Method Not Found is returned in response.
There is no workaround for this issue.

- YAI-1465
Bad certificate error is returned while invoking a native service over SSL.
API Gateway doesn't send the certificates configured for SSL in calling native service. As a result a bad certificate error is returned in response.
There is no workaround for this issue.
- YAI-1019
Login session expired is not renewing after providing credentials.
New session is not created after session expiry and authentication credentials are provided.
There is no workaround for this issue.
- YAI-1664
OAuth tokens are not synchronized across cluster nodes.
There is no workaround for this issue.
- YAI-1665
Unhealthy Elasticsearch cluster.
The Elasticsearch cluster used by API Gateway can become unhealthy because of communication problems between the cluster nodes.
The workaround for this issue is to restart the IS on which the API Gateway with the missing node is running. A restart forces the Elasticsearch instance to rejoin the cluster.

3.0 Usage Notes

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

- YAI-1286
Activate of API, with big WSDL, from Gateway UI throws StackOverFlowError.
When you see a StackOverFlowError while activating an API, increase the thread stack size in `IS_Installed_Folder\profiles\IS_default\configurations\wrapper.conf` in IS using the command:
`wrapper.java.additional.7=-Xss2048k`
- YAI-1430
SOAP API with same name as a WSD cannot be activated.
An error occurs while activating a SOAP API when the API name is same as a WSD in Integration Server.
- Before using API Gateway, consider the following points:
 - API Gateway package in Integration Server, cannot co-exist with the WmMediator or WmCloudStreams packages. WmMediator and WmCloudStreams packages must be disabled for API Gateway to function properly.
 - webMethods API Gateway combines current webMethods Enterprise Gateway and webMethods Mediator capabilities in a single product. API Gateway offers the same capabilities within a simplified architecture. It also removes the dependency on CentraSite

for API definition and policy definition.

- API Gateway can be used in DMZ as well as on premise. API Gateway comes in two editions. The Standard edition allows users to define threat protection policies, administrate the gateway, and analytics for threat protection use cases. Full edition supports all use cases of Standard edition, supports managing APIs, consumer applications, API level policies, and managing API packages and plans.
- By default, API Gateway connects to 5555 port of Integration server. If this port is not active, an active port must be configured for `apigw.is.base.url` property in `<SAG_Root>/profiles/IS_<IS_Instance_Name>/apigateway/config/uiconfiguration.properties` file. For more information, see API Gateway Configuration guide.
- API Gateway uses EventDatastore (Elasticsearch) as its persistent store. If the EventDatastore is already running as a service or started separately, API Gateway does not work properly unless ports configurations are changed. For more information, see the “API Gateway Package Configuration Properties” section in API Gateway Configuration guide.

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.

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.

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 9.12

The following artifacts have been introduced for API Gateway 9.12:

- webMethods API Gateway Online Help
- webMethods API Gateway User Guide: This guide describes how you can use API Gateway and other API Gateway components to effectively manage APIs for services that you want to expose to consumers, whether inside your organization or outside to partners and third parties.

- **webMethods API Gateway Configuration Guide:** This guide describes how you can configure API Gateway and other API Gateway components to effectively manage APIs for services that you want to expose to consumers, whether inside your organization or outside to partners and third parties.

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 features, functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed. A release is listed in this section only if changes occurred in that release.

Release 9.12

Added Item	Description
API CRUD	Both REST and SOAP APIs can be imported. Swagger and RAML are supported formats for REST and WSDL for SOAP. REST APIs can be created from scratch as well.
Policies & Aliases CRUD	Both threat protection and API specific policies based in selected edition. Please refer documentation for supported policies. Create and manage Aliases which improve the reuse and maintenance.
Consumer Applications CRUD	Manage consumer applications and associations with APIs.
Packages & Plans	Organizations can group APIs and define enforcements on the same as a single unit which can be subscribed by developers.
API Portal Integration	APIs can be published to API Portal from API Gateway for developers reach.
Analytics	Dashboards for greater insights on various topics like Summary, Trends, Consumer applications, and Threat protection.

9.0 Added, Removed, Deprecated, or Changed Built-In Services

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

10.0 Added, Removed, Deprecated, or Changed Parameters

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

11.0 Added, Removed, Deprecated, or Changed APIs

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

12.0 Copyright Information

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13.0 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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