

Axway API Gateway 7.3.1 Release Notes

Document version: 25 July 2014

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New features and enhancements

Redaction: Sensitive data in messages can now be redacted prior to the message being logged in Traffic Monitor and the trace files. Redaction can be configured for specific URLs and for different content types (JSON, XML, plain-text, and so on).

OpenID Connect: API Gateway already provides OAuth 2.0 Authorization Server and Resource Server capabilities. In this release API Gateway can also be configured as an OpenID Connect Provider, offering support for authentication using the Authorization Code Flow and Implicit Flow. A sample application is provided to demonstrate the OpenID Connect capabilities.

managedomain enhancements: The `managedomain` script offers a new default *command interpreter* mode with tab completion.

Encrypted data in KPS displays encrypted in API Gateway Manager: Data that is stored encrypted in the Key Property Store (KPS) is now displayed as encrypted on the KPS tab of the API Gateway Manager.

Administrator logout record in domain audit log: The domain audit log now records when an administrative user logs out of the API Gateway Manager.

Traffic Monitor enhancements: Monitoring data is now written to the Traffic Monitor database asynchronously.

OpenSSL: API Gateway now ships with OpenSSL 1.0.1h which addresses the latest security advisory vulnerabilities (05 June 2014).

Fixed problems

Case ID	Internal ID	Description
734457	127762, 128789	SQL update statements incorrectly cached by database filter when cache refresh interval is greater than 0 Previously, RDBMS statement caching was applicable to all types of statements, including INSERT, UPDATE, DELETE, and so on, causing unexpected behaviors. Now, RDBMS statement caching is not applicable to INSERT, UPDATE or DELETE statements, or to stored procedures with an expected return of zero rows.
738935	129903	managedomain cannot run change_passphrase non-interactively Previously, the <code>managedomain --change_passphrase</code> command prompted the user for interactive password update. Now, the <code>managedomain --change_passphrase</code> command applies the password update as indicated in the command options without further interaction.
–	123959	Problem when trying to start API Gateway Server Previously, copying settings in the <code>envSettings.props</code> file from previous API Gateway versions to version 7.2.2 or later could cause the API Gateway to fail to start. Now, settings present in the <code>envSettings.props</code> file can be copied from previous API Gateway versions.
732684	127650	Problem creating API Gateway instance in Policy Studio (or on command line) when CA domain private key has a passphrase Previously, creating an API Gateway instance through Policy Studio or API Gateway Manager failed when the domain CA private key had a passphrase. Now, API Gateway instances can be created normally using the <code>managedomain</code> command, Policy Studio, or API Gateway Manager when the domain CA private key has a passphrase.
730717	126132	OAuth 2.0 Revoke a Token filter violates the RFC Previously, revoking an OAuth access token responded with <code>400 Bad Request</code> when an invalid token was provided. Now, OAuth token revocation behavior conforms to RFC 7009 .
720549	122312	Subfolders might fail to be created when moving a KPS to file storage Previously, converting a KPS schema to file storage produced unexpected behavior when folders did not exist. Now, converting a KPS schema to file storage works as expected.
716497	120549	Cannot change binding address value when adding a file transfer service Previously, the Add File Transfer Service configuration window in Policy Studio did not allow entering binding addresses other than <code>*</code> . Now, the binding address field accepts any valid address value.

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Known issues

The following are known issues with this version of API Gateway:

Topology

- If you are running with more than one Admin Node Manager and you want to make topology changes then all Admin Node Managers should be able to communicate with each other to ensure consistency of topology.
- If topology changes are made outside of a browser then the browser must be refreshed to pick up the latest changes.
- Two Admin Node Managers trying to push topology updates at the same time can lead to both Admin Node Manager's Topology APIs being locked until a connection timeout occurs.

Upgrade

- If you are upgrading from version 7.1.0 to version 7.3.1, exporting from 7.1.0 might cause an error in KPS. If that occurs, create the file `apiserver/conf/jvm.xml` with the following contents:

```
<ConfigurationFragment>
  <ClassDir name="$VDISTDIR/upgrade/legacy/7.1.x/" />
</ConfigurationFragment>
```

Redaction

- If redaction is required in the context of XML payloads, where data can be sent by the client in separate chunks (long documents or slow connections), it is recommended to utilize raw redaction (based on regular expressions) as opposed to XML redaction configuration.

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Related documentation

Axway API Gateway is accompanied by a complete set of documentation, covering all aspects of using the product. These documents include the following:

Axway API Gateway documentation

- [Axway API Gateway Concepts Guide](#)
- [Axway API Gateway Installation and Configuration Guide](#)
- [Axway API Gateway User Guide](#)
- [Axway API Gateway Administrator Guide](#)
- [Axway API Gateway Deployment and Promotion Guide](#)
- [Axway API Gateway OAuth User Guide](#)
- [Axway API Tester User Guide](#)
- [Axway API Gateway Appliance User Guide](#)
- [Axway API Gateway Developer Guide](#)

Axway 5 Suite documentation

- [Axway 5 Suite Supported Platforms](#)
- [Axway 5 Suite Interoperability Matrix](#)
- [Axway 5 Suite Interoperability Guide](#)

All Axway documentation is available from Axway Sphere at <https://support.axway.com>.

Support services

Support services are available from Axway Sphere at <https://support.axway.com>, including:

- Official documentation
- Product downloads, service packs and patches
- Information about supported platforms
- Knowledgebase articles
- Access to your cases

The Axway Global Support team also provides worldwide 24 x 7 support, subject to validation of your license agreement. Email support@axway.com or, for your local support telephone number, visit Axway Sphere at <https://support.axway.com> and click **Contact Axway Support**.

See "Troubleshoot your API Gateway installation" in the *API Gateway Administrator Guide* for the information that you should be prepared to provide when you contact Axway Support.

For information about Axway training services, go to: www.axway.com.

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