Oracle® AI Database

Release Notes for GoldenGate Stream Analytics

26ai
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Oracle AI Database Release Notes for GoldenGate Stream Analytics, 26ai

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Preface

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This document lists the known issues and limitations in Oracle Stream Analytics.

Topics:

Audience

This document is intended for all users of Stream AnalyticsOracle Stream Analytics.

Documentation Accessibility

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Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Related Documents

Documentation for Oracle Stream Analytics is available on Oracle Help Center.

Also see the following documents for reference:

- *Understanding Oracle Stream Analytics*
- *Quick Installer for Oracle Stream Analytics*
- *Developing Custom Jars and Custom Stages in Oracle Stream Analytics*
- *Spark Extensibility for CQL in Oracle Stream Analytics*
- *Using Oracle Stream Analytics*

1.1 GoldenGate Stream Analytics Release Notes

This document contains release information such as new features, known issues, and corrected problems for GoldenGate Stream Analytics 23.1.

Oracle recommends you to review this document before installing or using the product.

1.1.1 New Features and Improvements

This section provides a list of new features added in a release.

1.1.1.1 Release 26ai - February 2026

This section lists the new features and upgrades in GGSA 26ai.

1.1.1.1.1 GGSA URL

Use the following URLs to connect to GGSA 26ai:

For secure connection, use: `https://<url>:<port>/osa/index.html`.

For non-secure connection, use: `http://<url>:<port>/osa/index.html`.

By default GGSA will start in SSL enabled mode, if values are not provided in the `ssl.conf` file, then the start script will generate a self-signed certificate for you.

- To disable SSL mode set NEED_SSL=false in the ssl.conf file.
- The default port is 9080, when `SSL=False`.

1.1.1.1.2 Spark and Kafka Versions Upgrade

Fom GGSA 26ai:

- Spark library version is upgraded to 4.0.1
- Kafka library version is upgraded to 4.1.0

For more information on downloading the libraries, and installing GGSA, see Installing GoldenGate Stream Analytics.

1.1.1.1.3 Similarity Search Pattern

The Similarity Search pattern is added in the GGSA release 26ai, to enable vector-based search in the Oracle database tables. For more information about using this pattern, see Applying Vector-Based Similarity Search.

1.1.1.1.4 FromJson Pattern

FromJson pattern flattens nested JSON attributes into new columns while preserving all original input fields. Arrays are preserved as JSON strings (no row expansion).

Use this pattern to convert nested JSON into simple columns.

For more information about creating and using this pattern, see Transforming Nested JSON into Simple Columns.

1.1.1.1.5 Oracle Generative AI Agent Pattern

The Generative AI Agent pattern integrates an Oracle Cloud Generative AI service call directly into your Stream Explorer pipeline.

You can use this new pattern for:

Natural-language enrichment - To add summaries, sentiment, explanations, or decisions to every event.

No-code configuration - Just select a connection, paste the Agent OCID, write a prompt.

Full schema continuity - All upstream attributes stay intact; nothing is lost.

Prompt transparency - Both the generated prompt and the agent's reply are returned for auditing dashboards.

For more information about using this pattern, see Oracle Generative AI Agent Pattern.

1.1.1.1.6 Vector Database as a Target

You can create a vector database target to store the data as a target reference, to enable a similarity search on the incoming data. For more information on implementing vector database as a target, see Creating a Database Target.

1.1.1.1.7 GoldenGate Data Stream Integration

Oracle GoldenGate Data Stream is integrated with GGSA, enabling the ingestion and processing of real-time change data capture (CDC) events, over a secure WebSocket connection (data-stream).The integration streamlines the ingestion of transactional data by leveraging GoldenGate 26ai's new Data Stream feature, eliminating the traditional Distribution Paths and Replicats. The Data Stream will feed CDC changes directly into Spark applications deployed through GGSA.

For more information about creating and using GoldenGate Data Stream, see Creating a GoldenGate Data Stream.

1.1.1.1.8 "$" Field Path in the Target

As part of the GG DataStream integration feature in GGSA 26ai, the "$" field path in the target is supported, as an equivalent to the similar field path in a source stream.

This feature allows you to write raw JSON string in target. "$" field path is supported for targets which support JSON as content type and the UI supports "$" value in the **Field Path**.

You can specify "$" as a field path in a manual shape stream.

1.1.1.1.9 JSONPath Function

The JSONPath function extracts the column name value from the given JSON string. The column name has to be in the format, $.columnname.

jsonpath(column name holding the jsonstring, key attribute path to be extracted) - parses and extracts the key attributes value from the given JSON column string. The key path has to be in the format `jsonColumnName_KeyAttributePath`.

For more information about using the JSONPath function, see Using JSONPath Functions.

1.1.1.1.10 Embedded Ignite Cache, GGBD and Ignite Clusters on OCI GGSA Desupported

From GGSA 26ai, Embedded Ignite Cache, GGBD and Ignite Clusters on OCI GGSA are desupported.

1.1.1.1.11 Embedded Coherence Cache

GGSA implements an Embedded Coherence Cache. Coherence is only used with cache-enabled DB reference and full records. In case of GoldenGate, the pipeline persists incoming events containing full record, and also updates the cache with modified events, making available the latest modified records.

For more information about managing and monitoring embedded coherence cache, see Embedded Coherence Cache.

1.1.1.1.12 Configuring LDAP for User Authentication and Management not Supported

GGSA 26ai does not support configuring LDAP for user authentication and management.

1.1.2 Known Issues and Workarounds

This section lists the known issues and workarounds for a GoldenGate Stream Analytics release.

1.1.2.1 Release 26ai - Known Issues

This section lists the known issues and workarounds for GoldenGate Stream Analytics release 26ai.

1.1.2.1.1 Single Configuration in the osa-datasource XML File

There cannot be commented out lines in the `osa-datasource.xml`, which may include another configuration for another database.

Workaround: Retain only one configuration in the `osa-datasource.xml` file.

1.1.2.1.2 Update Connection During Import Not Supported

While importing a pipeline or a connection on the **Catalog** page, you cannot update the connection to use an existing connection. The import fails.

Workaround: Instead we will have to import the artifacts as it is. And later if we want to update anything, we may go to the specific item in the catalog and update it manually by editing it.