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# Genesys Pulse Deployment Guide

[Change History](#)

12/22/2025

# Change History

This section lists content that is new or that has changed significantly since the first release of this content. The most recent changes appear first.

For *New in This Release* content, see the [Pulse landing page](#) for this release.

## New in Document Version 8.5.010

The following topics have been added or changed since the previous release:

- [Deploying Pulse Collector and Pulse](#) was updated to include:
  - Software Requirements:
    - Windows Server 2012 Hyper-V
    - Microsoft SQL Server 2012 Cluster
    - Oracle 12c RAC
    - GAX release 8.5.000.68
  - Deploying RabbitMQ was added to provide an option for Quick Widget Updates.
  - The following privileges in Configuring User Access were changed:
    - Pulse Read Layout renamed Pulse View Dashboard.
    - Pulse Update Layout renamed Pulse Edit Widget Display .
    - Pulse Write Layout renamed Pulse Manage Widgets.
    - Pulse Write Template renamed Pulse Manage Templates and Default Dashboard.
    - Pulse Read All Layouts and Pulse Write Snapshot added.
  - `amqp-client-3.3.4.jar`, `spring-amqp-1.3.6.RELEASE.jar`, `spring-rabbit-1.3.5.RELEASE.jar`, and `spring-jetty-1.1.0.RELEASE.jar` added to the list of files to manually add if the installation procedure fails to find the GAX installation.
- [Pulse Restful Web Service API](#) was added.
- The following [Configuration Options](#) were changed:
  - The `[transport-gpb-out]` section was renamed `[transport-file]`.
  - In the `[collector]` section, removed the `output-transport` option.
  - In the `[statistic-request-handling]` section, removed the `data-flow-timeout` and `data-flow-check-interval`.
  - In the `[transport-gpb-out]` section, removed the `transport-type` option.
  - The `[transport-rabbitmq]` section was added.

- The following **Application Files** were added:
  - Upgrade scripts: pulse\_upgrade\_08.5.001.02\_mssql.sql, pulse\_upgrade\_08.5.001.02\_oracle.sql, and pulse\_upgrade\_08.5.001.02\_postgres.sql
  - JAR files: amqp-client-3.3.4.jar, spring-amqp-1.3.6.RELEASE.jar, spring-rabbit-1.3.5.RELEASE.jar, and spring-jetty-1.1.0.RELEASE.jar

## New in Document Version 8.5.0

The following topics have been added or changed since the previous release:

- The **Architecture diagram** was updated.
- Software requirements and deployments were updated in **Deploying Pulse Collector and Pulse**.
- The step to execute ALTER DATABASE <Pulse DB> SET READ\_COMMITTED\_SNAPSHOT ON; was added to **Deploying the Pulse database** for the Microsoft SQL Server.
- **Starting Pulse** was updated.
- **Prerequisites and Starting Pulse** were updated.
- The following **Configuration Options** were changed:
  - Removed the [layout-history], [parallel-processing], [thresholds], and [transport-gpb-history] sections.
  - In the [collector] section:
    - Removed the history-transport option.
  - In the [configuration-monitoring] section:
    - Added the excluded-objects-propagation-delay and remove-dynamic-object-delay options.
    - Removed the auto-detect-dynamic-metagroups, enable-differential-layout-recheck, recheck-active-layout-definition, and strict-tenant-security options.
  - In the [layout-validation] section:
    - Renamed the enable-strict-tenant-security-validation-rule option to validate-strict-tenant-security.
  - In the [limits] section:
    - Removed the max-custom-actions-per-layout, max-custom-thresholds-per-layout, max-threshold-associations-per-layout options.
  - In the [output] section:
    - Added the collector-snapshot-log-level and snapshot-log-level option.
    - Removed the cleanup-output option.
  - In the [pulse] section:
    - Added the editable\_templates, install\_templates, and snapshot\_expire\_timeout options.
    - Removed the pause\_timeout option.

- In the [scripting] section:
  - Added the `stop-compute-formula-threshold-for-snapshot` option.
  - Removed the `cumulative-formula-script-execution-timeout`, `cumulative-threshold-script-execution-timeout`, `enable-extended-statistic-value`, `post-processing-script-execution-timeout`, and `threshold-script-execution-timeout` options.
- In the [statistics-request-handling] section:
  - Removed the `optimize-statistic-requests` options.
- In the [transport-gpb-out] section:
  - Added the `output-file-mode` option.
  - Removed the `backend-file-ext`, `cleanup-file-modification-age-threshold`, `generate-layout-info-file`, and `output-format` options.