

SOTERRE

**v3.3.0**

September 13, 2026

A major release. Controlled Attributes give every artifact a governed classification, and Deployment Flow Policies use them to say which deployments are allowed at all. A new cross-platform CLI drives nodes, jobs, search and versioning from a terminal. Tableau Cloud joins as a platform, Power BI and Fabric versioning reaches gateways, pipelines, lakehouses and warehouses, and Find Changes runs its work in parallel streams. AI Insights, named API tokens with expiry, automated project membership and a SIEM-ready authentication log round it out. Read the upgrade notes first: 3.3.0 moves to Java 25 and Tomcat 11.

## WHAT'S NEW

---

### Upgrade Notes

Soterre 3.3.0 runs on Java 25 and Tomcat 11. The installer replaces the bundled JRE and application server with no manual action needed, but any customisation made directly to the Tomcat installation must be re-applied. The Linux installer no longer offers bundled PostgreSQL, so Linux installations should point at an external PostgreSQL database. Search indices are rebuilt automatically by a deferred migration task after the upgrade, and results may be incomplete until it finishes. Reporting users created by earlier releases keep working, though the way they are created has changed, see Reporting below.

### Controlled Attributes

A Controlled Attribute is a centrally defined characteristic an organisation assigns to an artifact, chosen from a fixed set of allowed values. The built-in Container Purpose attribute categorises containers as Development, UAT or Production, and custom attributes can be added for your own taxonomies with a configurable list of values, a suggested default and the artifact subtypes they apply to. Assignments are managed from a dedicated screen with paging, filtering, bulk assignment by filter and export. Artifacts can be searched by attribute value, and every assignment change is recorded as audit history on the artifact. In Qlik Sense, streams and Personal Work can carry Controlled Attributes too.

### Deployment Flow Policies

Policies define which deployment flows are allowed, expressed in terms of Controlled Attributes. A flow from Development into Production that the policy does not permit is refused before it starts, rather than caught afterwards.

## **Soterre CLI**

A new cross-platform command line client for Linux, macOS and Windows covers node management, job management, search and versioning. Binaries ship with the server and download directly from the Soterre web application. It authenticates with a Soterre API token, supports multiple named profiles, environment variable overrides, --json output for scripting and shell completions for bash, zsh and fish. soterre version triggers versioning of one or more objects with a comment, tags and external ticket references, and either polls to completion or returns the job id at once. Qlik Sense, Qlik SaaS, Power BI and Tableau are supported initially.

## **AI Insights**

Optional integration with AI services such as Anthropic, OpenAI and Gemini, on a bring-your-own-API-key basis. An Ask AI insights button appears on Deployment Preview, Deployment Request Review and Change Event Comparisons. Nightly stats include AI Insights usage, and collection is skipped when AI services are disabled.

## **Parallel Versioning**

Find Changes jobs now run their versioning work as independent, parallel command streams, which substantially improves performance on large jobs. Per-command diagnostics capture error details and rate-limit wait times, and a new View Job Stats page shows progress and timings per stream. Adopted on Qlik Sense, Qlik SaaS, Power BI and Tableau Cloud.

## **API Tokens**

A user can create multiple named Soterre API tokens, managed from the API Tokens tab of the user profile. Tokens can be limited to specific environments and roles, given an expiration date, and now use the standard JWT format.

## **Projects**

Automated Inclusion Rules add Soterre users to a project based on their external group or role memberships in the associated analytics environment. Implicit per-project roles let members with write access create and edit that project's tags, and the security model for project members and content is improved. In Qlik Sense, roles and project membership can now be driven from custom properties.

## **Security and Operations**

A dedicated audit log records every authentication event, formatted for ingestion by an enterprise SIEM. Connected environments can be given scheduled offline times so Soterre stops contacting a platform during its maintenance window. New environments start with a more constrained set of role values, rate limiting rules can vary by HTTP method so read and write traffic to the same endpoint are throttled independently, and Soterre uses virtual threads for common Tomcat, Quartz and Spring request and job handling. An SSL Probe dialog helps troubleshoot certificate problems.

## **Search and Tree**

A Simple tab in Search queries all fields at once. Large artifact trees load incrementally, with Load More Nodes at 1,000, and the selected node gains a search field with a scope picker. Search results have Select All and Tag All actions, Discovery Time is the default time column for change event grids, diff of binary content is disabled, and bulk updates get status folders. A Security Principal dialog lets admins pick from external groups and roles when configuring environment roles or project membership.

## **Qlik Sense**

Improved app-open handling reduces stale-session failures during versioning, and reload metadata versioning no longer fails when the portal session has gone stale. Content library files are fully versioned in a single Find Changes pass, a single variable can be versioned on its own, so restoring one deleted variable no longer produces extra versions, and artifact tree comparison works across different parents, such as a Personal Work app against its published copy. Live Deploy reports the underlying reload error when a pre-publish reload fails.

## **Qlik SaaS**

System credentials are reduced to a single OAuth client per tenant, and the obsolete API Key expired notification is gone with them. REST API calls can use HTTP/2. Extra versioning work caused by incorrectly derived parent identities, which produced false changed signals, is eliminated. A multi-app deployment continues with the remaining apps when one fails on a Section Access violation and names the cause, an app published into a managed space is correctly reported as tracked when versioned through its published copy, and a single variable can be versioned on its own.

## **QSDA Pro Integration**

The minimum QSDA Pro version is now 3.7.1. Failed inspection notifications name the artifacts that failed, with an and N more summary for long lists. Inspection results surface the Custom category with the custom rule's own label and description, each flag carries its severity of Info, Warning or Error broken down per category, and the deployment request activity shows flag results as a table with a row per category and a column per severity.

## **Power BI and Fabric**

Versioning now covers gateways and connections, including deployment of connections, plus deployment pipelines, capacities, domains, environments, lakehouses and SQL analytics endpoints, mirrored databases and warehouses. Warehouse content needs an Elevated Deployment User. The dependency graph supports notebooks, connections and environment items, environment items are in the search index, semantic model parameters are versioned from the model definition, and TMDL definitions are stored as text so they can be compared in the diff viewer, with earlier content corrected on upgrade. Active Versioning responds to changes to scorecards, capacities, workspace settings and Fabric items, deployments made through ALM Pipelines are recorded as external deployment events on the timeline, and Power BI App is now called Workspace App throughout, with existing artifacts and events migrated.

## **Tableau Cloud**

A new platform. Soterre connects to one or more Tableau Cloud sites with a Personal Access Token and versions projects, workbooks and data sources. Initial support includes deployment of workbooks with creation of the destination project path, search across Tableau Cloud content, Apply Reductions, a catalog of workbook calculations parsed from the workbook definition, and the Soterre CLI.

## **Tableau Server**

Workbook Observations are recorded during inspection and available as search criteria, and the catalog of workbook calculations is built from a full parse of the workbook definition.

## Issue Tracker Sync

When an artifact change event is linked to an issue in an external tracker such as Jira or Azure DevOps, changes to the comment on the change event are propagated as comments on the issue. Change event tags are included, and no-op edits are skipped.

## Reporting

Reporting users are created with a guided script, `soterre-createReportUser.sh` on Linux and `soterre-createReportUser.ps1` on Windows, that no longer depends on a bundled database. The reporting user is granted read access to the `reporting_views_v1` schema instead of owning it, so creating one no longer needs a PostgreSQL superuser and later releases can keep adding views. Existing reporting users keep working, and the documentation explains how to move one onto the new grants.

## Runtime Upgrades

The bundled JRE moves from 17 to 25, Tomcat from 9 to 11 on Jakarta EE, Solr to 10.0.0 with patched Jetty and ZooKeeper, and JanusGraph to a hardened 1.2.0.2 build. Node.js 20 is now bundled. Spring moves to 7 and Spring Boot is no longer a dependency, Hibernate to 7.4, and ActiveMQ, commons-beanutils, commons-fileupload, the PostgreSQL driver, Solr client and ZooKeeper are upgraded to address published CVEs. The Netty `io_uring` transport is excluded, removing 60 second stalls on Power BI token fetches.

## FIXES

---

- Qlik Sense: fixed a dependency graph rebuild failure when connecting to a node with an untrusted certificate.
- QSDA Pro: an unrecognised flag category no longer fails the entire inspection, which affected any instance with custom flag rules.
- Power BI: fixed multi-word search against multi-valued text fields, so a criterion such as Page Names contains Page 1 returns results.
- Power BI: deploying a report updates its semantic model binding only when the report and the model are in the same workspace.
- Power BI: the report connection type criteria are updated for the PBIR format, with Semantic Model added and obsolete types removed.
- Power BI: a single Microsoft Graph client is reused per job when resolving users, groups and applications, removing redundant Entra ID token requests and the timeouts they caused.
- Tableau: the Workbook Description field is now populated, on Tableau Server and Tableau Cloud.
- Tableau: fixed path handling for sites beneath a Directory node, which affected deployment target paths and the browsable URL of a Tableau node.
- Removed the bundled PostgreSQL option from the Linux installer and the Qlik SaaS Reload Tasks API and its usages.