

Event Replicator for Adabas

Event Replicator Target Adapter Release Notes

Version 4.1.0

September 2026

This document applies to Event Replicator Target Adapter Version 4.1.0 and all subsequent releases.

Specifications contained herein are subject to change and these changes will be reported in subsequent release notes or new editions.

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Document ID: ART-AARTRELNOTES-410-20260925

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1 Event Replicator Target Adapter Release Notes

The Event Replicator Target Adapter is a Software GmbH product option associated with Event Replicator for Adabas. It allows you to transform and apply replicated Adabas data in a mainframe database to a variety of targets, including supported relational databases, other Adabas targets, Apama, JMS queues, Big Memory Max, and Terracotta. For a complete list of the databases currently supported by Event Replicator Target Adapter, read *Prerequisite Products*, in *Event Replicator Target Adapter Installation Guide*.

Last-minute information on problems that have been addressed by this release are described in the *ReadMe* file.

New Features
Improvements
Security
Bug Fixes
Restrictions and Limitations
End of Maintenance

2 About this Documentation

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Document Conventions

Convention	Description
Bold	Identifies elements on a screen.
Monospace font	Identifies service names and locations in the format <i>folder.subfolder.service</i> , APIs, Java classes, methods, properties.
<i>Italic</i>	Identifies: Variables for which you must supply values specific to your own situation or environment. New terms the first time they occur in the text. References to other documentation sources.
Monospace font	Identifies: Text you must type in. Messages displayed by the system. Program code.
{ }	Indicates a set of choices from which you must choose one. Type only the information inside the curly braces. Do not type the { } symbols.
	Separates two mutually exclusive choices in a syntax line. Type one of these choices. Do not type the symbol.
[]	Indicates one or more options. Type only the information inside the square brackets. Do not type the [] symbols.
...	Indicates that you can type multiple options of the same type. Type only the information. Do not type the ellipsis (...).

Online Information and Support

Product Documentation

You can find the product documentation on our documentation website at <https://documentation.softwareag.com>.

Product Training

You can find helpful product training material on our Learning Portal at <https://learn.software-ag.com>.

Tech Community

You can collaborate with Software GmbH experts on our Tech Community website at <https://tech-community.softwareag.com>. From here you can, for example:

- Browse through our vast knowledge base.
- Ask questions and find answers in our discussion forums.
- Get the latest Software GmbH news and announcements.
- Explore our communities.
- Go to our public GitHub and Docker repositories at <https://github.com/softwareag> and <https://hub.docker.com/publishers/softwareag> and discover additional Software GmbH resources.

Product Support

Support for Software GmbH products is provided to licensed customers via our Empower Portal at <https://empower.softwareag.com>. Many services on this portal require that you have an account. If you do not yet have one, you can request it at <https://empower.softwareag.com/register>. Once you have an account, you can, for example:

- Download products, updates and fixes.
- Search the Knowledge Center for technical information and tips.
- Subscribe to early warnings and critical alerts.
- Open and update support incidents.
- Add product feature requests.

Data Protection

Software AG products provide functionality with respect to processing of personal data according to the EU General Data Protection Regulation (GDPR). Where applicable, appropriate steps are documented in the respective administration documentation.

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New Features

Runtime Log Level Control

New REST endpoints and CLI commands for dynamically managing Log4j2 logger levels at runtime (`LoggingAdmin`/`LoggingAdminMBean``), including a `log4j2.disable.jmx`` option in the ERTA scripts

Driver JAR Management

New REST endpoints and CLI commands for managing driver JARs, including safety features and auto-completion

LDAP Support

LDAP support for ART services

JMS Replication as a Standalone Plugin

JMS replication as a standalone plugin, including a maximum nesting level for Group components

Custom Script Command

Custom script command with support for comments and empty-string options

ART_REST_PORT Environment Variable

ART_REST_PORT environment variable for configuring the REST server port

Log Shortcut

New command shortcuts for retrieving the contents of `sqlrep.log``

Boot-on-Start Configuration

Boot-on-start configuration for the ART REST server

Encrypted Configuration Passwords

New batch script for creating encrypted ART configuration passwords

CLI Documentation

Added comprehensive CLI documentation

4 Improvements

Spring Boot 4

Migration to Spring Boot 4 (CLI and REST server), plus upgrade to Java 21

Adabas Binary Target

Adabas binary target: support for asterisk wildcards in source/target file numbers

EntireX Imports

EntireX imports switched from `softwareag` to `ibm`

Metrics at Shutdown

Print all metrics on shutdown

Miscellaneous

Improved audit handling and field length determination in binary processing

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Security

Dependency Updates

Numerous dependency updates to fix vulnerabilities, including Log4j-Core, Tomcat-Embed-Core, Jackson-Core, Logback-Core, Spring Security/Boot, JUnit, Commons-HttpClient, Commons-Lang3

Spring Security

Spring Security updated (ART-4409)

6 Bug Fixes

- Fixed memory leak caused by the EntireX socket pool thread not shutting down properly, including misleading warnings (ART-4460)
- Log4j2 now shuts down correctly on context shutdown (ART-4460)
- Fixed exception in MQSIVP
- Fixed high CPU consumption with large ADARIS files (ART-4390)
- Fixed HTTP client being incorrectly closed after use
- Fixed context.xml parsing only reading part of the resources when unexpected elements were present
- License files: more robust handling of invalid license files, corrected expiration date check, only ART licenses listed in the `/licenses` endpoint (ART-4425)
- Removed duplicate JMX data (revert of a prior change) (ART-4411)
- Fixed: 'art/engine' and 'art/webdav' being incorrectly stripped as target prefixes

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Restrictions and Limitations

The following restrictions and limitations exist in this release of Event Replicator Target Adapter:

- When using the Adabas (Binary) target,
 - Replication of Adabas Utilities through the Destination parameter DREPLICATEUTI is limited to the following:
 - Define file
 - Write FDT
 - Delete file
 - The only supported data types are the following:
 - Alphanumeric
 - Binary
 - Packed
 - Unpacked Date

The above restrictions will be removed in future fixes and versions.

- Adabas changes to the primary key are not supported by Event Replicator Target Adapter because it requires a cascading update to the RDBMS tables. The Adabas primary key is used to relate the root table with the MU/PE tables in the RDBMS. Currently, most relational databases do not support such cascading updates via SQL commands. Consequently, if you change the primary key in Adabas, the referential integrity of the data in the RDBMS tables will be violated. Support for cascading changes will be implemented in a future release of Event Replicator Target Adapter.

8 End of Maintenance

For information on how long a product is supported by Software GmbH, access Software GmbH's Empower web site at <https://empower.softwareag.com>.

Log into Empower. Once you have logged in, you can expand **Products** in the left menu of the web page and select **Product Version Availability** to access the Product Version Availability application. This application allows you to review support information for specific products and releases.

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