

Event Replicator for Adabas

Release Notes

Version 3.4.1

May 2015

This document applies to Event Replicator for Adabas Version 3.4.1.

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: ARF-RELNOTES-341-20150521

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1 Release Notes

Software AG's Event Replicator for Adabas allows specific Adabas files to be monitored for data modifications. Whenever any record modification (delete, store, or update) occurs in one of the monitored files, the Event Replicator for Adabas extracts each modified record and delivers it to one or more target applications through a messaging system (such as webMethods EntireX or IBM WebSphere MQ). The set of replicated files or records are defined in a *subscription*.

The Event Replicator for Adabas is an essential tool for organizations that need Adabas data modifications delivered to a target application while minimally impacting the normal processing of Adabas. The principle features of the Event Replicator for Adabas include:

- Near real-time replication
- Asynchronous replication
- Guaranteed consistency and sequence of the delivered replicated data
- Replication of committed updates only

With the Event Replicator for Adabas, whole Adabas files or a specific set of records can be replicated to the target location, as defined in a subscription. Data replication is asynchronous, which allows the Adabas database to operate normally while replication takes place. Only committed Adabas modifications are replicated for the predefined set of monitored files, at the transaction level.

For complete information about Event Replicator for Adabas concepts and how to get started, read the *Event Replicator for Adabas Concepts*. For information on system requirements and how to install Event Replicator for Adabas, read , in *Event Replicator for Adabas Installation Guide*.

This document provides information about release 3.4 of Event Replicator for Adabas:

3.4 Enhancements

Describes the new and changed features in this version of Event Replicator for Adabas.

ZAP Information

Describes any zap requirements for this version of Event Replicator for Adabas.

Adabas and Event Replicator Server Compatibility

Describes the compatibility of the Event Replicator Server with Adabas.

End of Maintenance

Describes how you can determine the end-of-support dates for your Software AG products.

Documentation and Other Online Information

Describes the documentation and other online information you can obtain for this release of Event Replicator for Adabas.

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3.4 Enhancements

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This chapter describes the Event Replicator for Adabas 3.4 enhancements.

Category	Enhancements
Event Replicator for Adabas 3.4 SP1 Enhancements	<i>Replication Pool Allocation in 64-Bit Virtual Storage</i>
	<i>Statistic Updates</i>
	<i>ADARPL Utility Parameter Value Counts Increased</i>

Replication Pool Allocation in 64-Bit Virtual Storage

Effective with Event Replicator for Adabas 3.4 SP1 in z/OS environments only, when an Adabas nucleus runs with the ADARUN REPLICATION parameter set to "YES" and the V64BIT parameter set to "YES", the replication pool will be allocated in 64-bit virtual storage. In addition, the ADARUN LARGEPAGE parameter affects how this virtual storage is allocated.

If your Adabas 8.2 nucleus executes in z/OS with ADARUN REPLICATION=YES and ADARUN V64BIT=YES, you need to apply specific Adabas zaps. A list of the zaps can be obtained from the ARF341.MVSZAPS data set.

For more information, read *REPLICATION Parameter: Replication Control*, *V64BIT Parameter: 64-Bit Virtual Storage Option*, and *LARGEPAGE Parameter: Large Page Support Option* in the *Event Replicator for Adabas Reference Guide*.

Statistic Updates

Enhancements have been made in Event Replicator for Adabas 3.4 SP1 to the statistics accumulated in and reported by the Event Replicator Server.

ADARPL Utility Parameter Value Counts Increased

In Event Replicator for Adabas 3.4 SP1, the maximum number of parameter values you can specify for the FILES, ORIGINFILES, PLOGFILES, RPLTARGETS, SUBSCRIPTIONS, DESTINATIONS, RPLKEY and RPLDSBI parameters of the ADARPL utility has been increased from 60 values to 1,000 values. For more information about the ADARPL utility, read *ADARPL Utility: PLOG Replication Replay*, in the *Event Replicator for Adabas Reference Guide*.

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ZAP Information



Important: Be sure that you apply all supplied Event Replicator maintenance and concatenate Event Replicator patch-level libraries (L00*n*), as they are delivered to you. This will ensure that your Event Replicator code remains up-to-date, supporting all Event Replicator features as they are enhanced and maintained. The latest zaps for this product are available in the Knowledge Center in Software AG's Empower (<https://empower.softwareag.com>) web site.

4 Adabas and Event Replicator Server Compatibility

The following rules must be followed when using an Adabas source database with an Event Replicator Server:

1. The Adabas version used in the Event Replicator Server must be greater than or equal to the Adabas version used in the source Adabas nucleus, and
2. The Event Replicator for Adabas version used by the Event Replicator Server must be greater than or equal to the Event Replicator version used in the source Adabas nucleus.

The following table shows the allowed combinations of Adabas and Event Replicator for both the nucleus and the Event Replicator Server:

Source Adabas Nucleus	Event Replicator Server
Adabas 8.2 SPx and Event Replicator 3.4 SP1	Adabas 8.2 SPx and Event Replicator 3.4 SP1
Adabas 8.2 SPx and Event Replicator 3.3 SP2	Adabas 8.2 SPx and Event Replicator 3.4 SP1
	Adabas 8.2 SPx and Event Replicator 3.3 SP2

These combinations provide you with flexibility when upgrading your levels of Adabas and Event Replicator. If you are an existing user of Event Replicator, you might have multiple Adabas 8.2 nuclei running replication (REPLICATION=YES) and Event Replicator 3.3 SP2. You might also have multiple Event Replicator Servers running with Adabas 8.2 and Event Replicator 3.3 SP2. The compatibility combinations listed above mean you are not forced to upgrade all of your Adabas nuclei and Event Replicator Servers at the same time. You might first upgrade your Event Replicator Server software before you upgrade your Adabas nuclei later. In addition, you can upgrade one Adabas nucleus at a time.

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End of Maintenance

For information on how long a product is supported by Software AG, access Software AG'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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The following online resources are available for you to obtain up-to-date information about your Software AG products:

Software AG Documentation Website

You can find documentation for all Software AG products on the Software AG Documentation website at <http://documentation.softwareag.com>. This site requires Empower credentials. If you do not have an Empower user ID and password yet, you will find instructions for registering on this site (free for customers with maintenance contracts) or you can also use the TECHcommunity website to access the latest documentation.

Software AG TECHcommunity

You can find documentation and other technical information on the Software AG TECHcommunity website at <http://techcommunity.softwareag.com>. You can:

- Access product documentation, if you have TECHcommunity credentials. If you do not, you will need to register and specify "Documentation" as an area of interest. If you already have TECHcommunity credentials, you can adjust your areas of interest on the TECHcommunity website by editing your TECHcommunity profile. To access documentation in the TECHcommunity once you are logged in, select **Documentation** from the **Communities** menu.
- Access articles, demos, and tutorials.
- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.
- Link to external websites that discuss open standards and web technology.

Software AG Empower Product Support Website

You can find product information on the Software AG Empower Product Support website at <https://empower.softwareag.com>. This site requires Empower credentials. If you do not have an Empower user ID and password yet, you will find instructions for registering on this site (free for customers with maintenance contracts).

To submit feature/enhancement requests, get information about product availability, and download products and certified samples, select **Products & Documentation** from the menu once you are logged in.

To get information about fixes and to read early warnings, technical papers, and knowledge base articles, select **Knowledge Center** from the menu once you are logged in.

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