

DataExchange 13 - Release Notes

General Release - April 2018

Welcome to DataExchange 13. This readme contains the following topics:

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This document is included in your DataExchange installation files but may be updated after the release. Its latest version is always posted on the [Actian website](#).

Note: The content of this readme is best viewed in a recent browser version. It was tested in Internet Explorer 11 and Chrome 64.

Welcome

DataExchange is part of the PSQL product suite. It detects changed data in a PSQL database and copies it to either a backup database or one or more PSQL databases to maintain failover systems, drive data to reporting servers, or synchronize data between remote locations. DataExchange helps you design your replication databases, deploy the design, monitor replication schedules, and check replication logs.

The following topics cover features and enhancements in this release. Please review them for last-minute information not included in the standard DataExchange user documentation.

What's New in DataExchange 13

DataExchange 13 includes all of the features of DataExchange v12. Upgrading to DataExchange 13 enables you to use DataExchange with PSQL v13 and with PSQL v13 SP1 (13.10).

Platform Support

DataExchange is now available on the same newer Windows platforms as PSQL v13. See [Supported Operating Systems and Database Products](#).

Supported Operating Systems and Database Products

The following topics list the supported operating systems and PSQL products for DataExchange 13.

Supported Operating Systems

DataExchange 13 has been successfully tested on the following operating systems in their 64-bit editions and also 32-bit where appropriate:

- Windows 10
- Windows Server 2012

- Windows 8
- Windows Small Business Server 2011
- Windows Server 2008 R2
- Windows Foundation Server 2008 R2
- Windows 7

We recommend updating all operating systems to their latest service packs.

Supported PSQL Products

DataExchange 13 is supported with the following PSQL database products.

PSQL Product	Release	Bitness	Windows	Linux
Server	v13 (13.00) v13 SP1 (13.10)	64-bit 32-bit	Yes	No
Vx Server	v13 (13.00) v13 SP1 (13.10)	64-bit 32-bit	Yes	No
Workgroup	v13 (13.00) v13 SP1 (13.10)	32-bit	Yes	Not applicable

Please note that DataExchange 13 is not supported on PSQL versions before PSQL v13.

We do not recommend running PSQL Defragmenter or Backup Agent at the same time as DataExchange. Concurrent execution of these features and products may lead to engine errors.

Installation and Upgrade Notes

- The steps to upgrade to DataExchange 13 have changed compared to previous releases. For details, see the DataExchange user's guide, which can be downloaded from the [Actian website](#).
- The DataExchange 13 installer blocks installation on a system where AuditMaster is already installed because these two products have conflicting operations. To install DataExchange on a system that has AuditMaster, you must first remove AuditMaster.

Known Issues

The following lists the known issues for DataExchange at the time of its release. Some of these issues no longer apply to the latest release but are listed for historical purposes.

Issue	Description
PSQL-1870	<p>Upgrading DX v3 and PSQL v10 to DX v12 and PSQL v12</p> <p>DX v3 can be successfully uninstalled in this upgrade scenario only if its removal is done first. You may use either of the following options:</p> <ul style="list-style-type: none"> • Uninstall DX 3 before upgrading PSQL, and only after upgrading PSQL, run the DX 12 installer. • Do not uninstall DX v3 before upgrading PSQL, and only after upgrading PSQL, run the DX 12 installer. <p>The key point is to avoid uninstalling DX 3 after the PSQL upgrade, which has been found to fail to finish.</p>

- 58136 From DX 3.0 onwards, DX has been supported on Vista.
However due to insufficient rights, many DX utilities don't work on Vista unless run as administrator.
Examples include DX Deployment Wizard and the command line utility dxact.

DataExchange 13 does not support PSQL V2 metadata (longer object names up to 128 characters).
- 56334 DataExchange does not support using regular expressions with the dxdynpath utility.
Solution: When using the dxdynpath utility, use Dir expressions. Example: dxdynpath append /p="dir ..\test.MKD" test
- 56697 Network Shares cannot be accessed from DX Deployment Wizard's Browse Button.
Workaround: Do not try to browse to a network share directly from the wizard. Map a drive to that share instead. Then chose the mapped drive to browse to the project file.
- 57562 DataExchange 1-way replication (with overwrite) from First Site to multiple Partner Sites fails.
Attempting to run a 1-way replication from a First Site to 2 or more Partner Sites with the 2nd and 3rd types of replication "Delete and replace all data on the selected sites with data from source database" option selected fails to complete. The First Site attempts to replicate only to one of the Partner Sites instead of all of them, and it fails with the following errors in the log:
- 06f8 07-11 13:38:31 rtbproj (rtbnet) - rtb (2KS) is not currently allowing replication - please try again later
 - 06f8 07-11 13:38:31 An error occurred in the sync session envelope.
 - 06f8 07-11 13:38:31 Refresh or Complete Replication has been disallowed.
- Note:** *DataExchange User's Guide* states that this design should be able to replace the data on all Partner Sites.
- Workaround:** Select a single Partner Site to perform this action on instead of all Partner Sites.
- 57785 In replication deployments, replication fails when initiated from the partner site on Real-Time Backup and Data Synchronization 1-way deployments.

Workaround: In replication deployments, please initiate replication from the first site.

Known issues with solutions or workarounds for DataExchange 13 are also published in the knowledge base on the [Actian website](#). In the knowledge base, search for "DataExchange Known Issues." Some older known issues may no longer apply to this version of the product.

Transactional Limitations

The transactional (Btrieve) mode of replication has two known limitations:

- Import rules are not supported under transactional replication.
- The transactional replication engine does not support record lengths greater than 61057 bytes.

Documentation Notes

This section provides information regarding the DataExchange documentation included in this release.

- *DataExchange User's Guide* in CHM and PDF format

- These release notes in HTML format (readme_dx.htm)

These documents are placed on your DataExchange system as part of its installation in C:\Program Files (x86)\Actian\PSQL\Replication\Docs.

Technical Support

You can obtain technical support from several online options at the [Actian website](#):

- [Knowledge Base](#). Search hundreds of articles for answers and solutions others have found useful.
- [Community Forums](#). Join a technical discussion or post a question to start a new one.
- [PSQL Database Support page](#). Open a service ticket, submit a defect, or purchase support.

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