

Action Zen PSQL v13 SP1

Patch Release - 2/28/2018

Install Build version 13.11.006
Components Build version 13.11.004

Products

This patch applies to the following Actian PSQL products:

- PSQL v13 Windows Server Engine (x64 or x86)
- PSQL v13 Vx Server Windows Server Engine (x64 or x86)
- PSQL v13 Windows Workgroup Engine
- PSQL v13 Linux Server Engine (x64)
- PSQL Vx Server 13 Linux Server Engine (x64)
- PSQL v13 Windows Client (x64 or x86)
- PSQL v13 Linux Client (x64 or x86)
- PSQL v13 Windows Client Reporting Engine

Executables

These patch notes apply to the following executables:

- PSQL_Patch_Server-13.11.006.000.exe
- PSQL_Patch_Vx_Server-13.11.006.000.exe
- PSQL_Patch_WGE-13.11.006.000.exe
- PSQL-Vx-linux-13.11.006.000.x86_64.tar.gz
- PSQL-Vx-13.11.006.000.x86_64.rpm
- PSQL-linux-13.11.006.000.x86_64.tar.gz
- PSQL-linux-13.11.006.000.x86_64.rpm
- PSQL_Patch_Client-13.11.006.000.exe
- PSQL-Client-13.11-006.000.x86_64.rpm
- PSQL-Client-linux-13.11-006.000.x86_64.tar.gz

- PSQL_Patch_Reporting-13.11.006.000.exe

By default, these updates create a patch installation log in the %temp% location. If instead you are using an .msp file extracted from one of these executables, then to create a log file when applying this patch, run the patch executable from a command line with the /l option. In the following example, the patch update creates a verbose log file named patch_install.log:

```
PSQLv12Patch_type.msp /l*v <path>\patch_install.log
```

Uninstalling Notes

On Windows systems, in most cases a PSQL patch update can be “rolled back” by uninstalling it. This removal restores PSQL binaries to their versions before the update. (See the note below about unremovable patches.)

To uninstall a product update for PSQL from the command line, you need the following:

- Original installation package (.msi) or the Product Code GUID for the installation. Each PSQL install type has a different product code GUID.
- Original Microsoft patch (.msp) file.

Either of the following commands can remove a product update:

- `msiexec /package <{path_to_MSI} or Product_Code_GUID> /uninstall <path_to_MSP> /l*v "%temp%\uninstall_patch.log"`
- `msiexec /i <{path_to_MSI} or Product_Code_GUID> MSIPATCHREMOVE=<path_to_MSP> /l*v "%temp%\uninstall_patch.log"`

Note that the user executing the command must be able to access the source files installed by the original PSQL installation.

Note: In certain cases, a PSQL patch cannot be removed. A warning message states “Uninstallation of the patch package is not supported,” which also is entered in the installation log file. If the patch must be removed, first uninstall PSQL entirely and then reinstall the version you need, along with the appropriate patches.

Issues Addressed

Specific issues addressed in this patch release (Build 13.11.006):

Tracking Number	Description

PSQL-5035	Substring with out of range parameters may not return correct results
PSQL-5392	Select from joined views with ambiguous column references should return an error
PSQL-5446	Insert into view with incorrect number of values should return an error
PSQL-5462	SELECT <table name>.*, C1 followed by an ORDER BY on C1 may not sort results correctly
PSQL-5469	Select with "like '%\%%\%%\%%'" may not find values with three consecutive % characters
PSQL-5495	PCC exports data with embedded double quote characters (") incorrectly; they should be exported as ""
PSQL-5503	Errors returned from a Btrieve Extended Operation using the "LIKE" operator are not written to PVSW.LOG
PSQL-5520	SQL Query from a client using a static cursor may be slower than a forward-only cursor
PSQL-5522	SQL engine may not optimize on an available index for a restriction using IN
PSQL-5538	Table schema export is not including the ISR collation
PSQL-5546	A user without ALTER rights should not be allowed to rename objects in a secured database
PSQL-5499	The Kanji folder name in the PVSW.LOG on a Japanese OS is sometime not readable
PSQL-5552	Performance improvement for processing an IN subquery with mismatched datatypes
PSQL-5598	Visual Studio Integration service using the non-Unicode ODBC driver may return garbled database names
PSQL-5625	The command line phone authorization utility (clipaadm/w64clipaadm) may freeze on some Japanese machines
PSQL-5629	Query with three or more joined tables and a subquery may not be optimized when using a Forward Only cursor
PSQL-5630	Export Schema may return "No match available" when exporting a database that has COLLATE in a column name
PSQL-5631	ADO.NET provider may return "Input string was not in a correct format" when updating a DataGrid
PSQL-5658	SQLBindParameter error may occur when executing the same statement with different values in a python ODBC application
PSQL-5678	Calling a User Defined Function with a non-ASCII character in its name in a database with a non-default code page may return "Invalid user-defined or scalar function"
PSQL-5689	Possible SQL engine crash due to non-unique temp table names generated by the engine
PSQL-5711	Incorrect file name created when using non-ASCII characters in the name passed to the FileCreate method of the Btrieve 2 API via Python 3.x
PSQL-5717	GetCurrentDirectory using Btrieve 2 API via Python may return corrupted strings when the current directory contains non-ASCII characters
PSQL-5718	SQL Engine may crash on a query with the same column repeated >250 times in the ORDER BY
PSQL-5730	Possible engine crash when one connection handle tries to drop a table that is in use, and another connection tries to fetch data from the table.

Technical Support

You can obtain technical support from several online options at the [PSQL 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.
- [Actian PSQL Support page](#). Open a service ticket, submit a defect, or purchase support.

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