Pervasive PSQL v11 SP3 Release Notes
General Release – January 2013

Contents

Welcome to the General Release of Pervasive PSQL v11 SP3.

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Overview

The General Release includes the following:

- Pervasive PSQL Server for Windows (32-bit and 64-bit)
- Pervasive PSQL Client for Windows (32-bit and 64-bit)
- Pervasive PSQL Server for Linux (32-bit and 64-bit)
- Pervasive PSQL Client for Linux (32-bit and 64-bit)
- Pervasive PSQL Workgroup (32-bit)

Platforms Supported

The following operating systems in both 32-bit and 64-bit editions are supported for this General Release:

- Windows Server 2012
- Windows 8
- Windows Small Business Server 2011
- Windows Server 2008 R2
- Windows Foundation Server 2008 R2

- Windows 7

- Windows Small Business Server 2008

- Windows Server 2008

- Windows Vista

- Windows Server 2003

- Windows Small Business Server 2003

- Windows XP

- Linux Red Hat Enterprise 4, 5, and 6

- Linux SUSE Enterprise 10 and 11

- Windows Embedded Standard 2009 and 7

- Windows Embedded POSReady 2009 and 7

- Citrix XenApp 6

- Citrix XenServer 5.6 and 6

> **Note** For information on specific operating system service packs, please refer to the Pervasive web site at http://www.pervasive.com/database

Third-Party Certification

For information related to third-party certification for Pervasive PSQL v11 SP3, refer to the Pervasive Software web site for detailed status information.

Product Authorization

Pervasive PSQL v11 SP3 comes with a trial key (Server 20 user or Workgroup 5 user) for evaluation installations.

If you are installing this release of Pervasive PSQL v11 SP3 on a machine with a previously authorized version of Pervasive PSQL v11, you are not required to authorize the product at installation; you can continue to use your previous product key.

If you are installing this release of Pervasive PSQL v11 SP3 on a machine without a previously authorized version of Pervasive PSQL v11, you are required to authorize the product, either at the time of installation or after installation using the License Administrator utility.

Product Authorization on Windows

On Windows, product authorization is required for Pervasive PSQL Server or Workgroup. Product authorization can be performed during installation or using the license administrator utility after installation. To authorize Pervasive PSQL v11 SP3 during installation requires an Internet connection. To authorize Pervasive PSQL v11 SP3 after installation, see the alternative authorization procedures outlined in the *Pervasive PSQL User's Guide*.

Product Authorization on Linux

On Linux, product authorization is required for Pervasive PSQL Server on Linux and must be performed using the license administrator utility after installation. To authorize Pervasive PSQL v11 SP3 during installation requires an Internet connection.

License Authorization Access Through Proxy Servers on Windows

If you are using a proxy server, Pervasive Software recommends that you configure it through Windows Internet Explorer for the best results. Pervasive PSQL v11 SP3 license authorization is designed to work seamlessly with no modifications needed when configured through Window Internet Explorer.

If you are using a proxy server that was not configured using Windows Internet Explorer, Pervasive Software recommends that you do so.

If using Windows Internet Explorer to configure your proxy server is not an option, you need to follow these steps:

1. Install Pervasive PSQL v11 SP3 without performing authorization.

2. In the Windows registry, add the following to the HKEY_LOCAL_MACHINE\Software\Pervasive Software\ELS\ key:

String Value	proxy_host
DWORD Value	proxy_port
String Value	proxy_userid
String Value	proxy_passwd
Note: The proxy_host and proxy_port values are the only ones required by Pervasive PSQL v11 SP3. Depending on the configuration of your proxy server, you might also need to add proxy_userid and proxy_passwd.	

Caution Editing the registry is an advanced procedure. If done improperly, the editing can cause your operating system not to boot. If necessary, obtain the services of a qualified technician to perform the editing. Pervasive Software does not accept responsibility for a damaged registry.

3. Authorize Pervasive PSQL v11 SP3 using the License Administrator utility.

License Authorization Access Through Proxy Server on Linux

If you are using a proxy server on Linux, you need to follow these steps:

1. Install Pervasive PSQL v11 SP3 without performing authorization.

2. Manually edit the ELS.INI file to include the following:

proxy_host
proxy_port

proxy_userid	
proxy_passwd	

Note: The proxy_host and proxy_port values are the only ones required by Pervasive PSQL v11 SP3. Depending on the configuration of your proxy server, you might also need to add proxy_userid and proxy_passwd.

3. Authorize Pervasive PSQL v11 SP3 using the command line interface License Administrator utility.

Client Compatibility

The General Release of Pervasive PSQL v11 SP3 Server and Workgroup supports Pervasive PSQL v10 or later Clients.

New Features and Enhancements

See *What's New in Pervasive PSQL* for a discussion of the new and changed features in Pervasive PSQL v11 SP3.

Installing Pervasive PSQL

This section discusses topics pertaining to the installation of the product on Windows and Linux. Before reading this section, review the content in Product Authorization in the previous section.

The installation files are available for download from the Pervasive Web site: http://www.pervasive.com/database

Pervasive Software requires that you uninstall any previously installed pre-release version, such as a Beta or Release Candidate from any version, prior to installing the final General Availability (GA) release of Pervasive PSQL v11 SP3.

Windows

If you have not installed the product and want to read about installation, see the portable document format (PDF) book *Getting Started with Pervasive PSQL*, available on the installation media or the Pervasive Software web site.

Installing Pervasive PSQL on Windows

To start the installation, run the appropriate setup application (setup*.exe) for the PSQL engine or client type you want to install and follow the instructions.

The following topics apply when you install to Windows.

Subject	Discussion
Windows firewall and client/server applications	The Pervasive PSQL Server, Workgroup, and 32-bit Client installations add files to the firewall access list to enable client/server functionality. If the operating system security prompts you during installation of Pervasive PSQL to unblock or allow communication with a Pervasive PSQL component, select **OK** (yes).

Optionally disable restore points	The total installation time can usually be reduced on Windows Vista and later systems by disabling Windows System Restore. On Windows 7 or later and Windows Server 2008 R2 or later systems, the installation can be made to skip the creation of a system restore point without actually disabling Windows System Restore by setting the property "MSIFASTINSTALL=1" on the command line. For example: Setup<InstallType>_x<Platform>.exe /s /v" /l*v \"%temp%\PSQLv11_InstallLogFileName.log\" MSIFASTINSTALL=1"
Characters to avoid in installation path	Do not use the pound (#), percent (%), or double backslash (\\) (used to specify a UNC path) characters in installation paths for the Pervasive PSQL products if you intend to use Pervasive PSQL Control Center or DDF Builder. Those two utilities will not run if the installation path contains a pound character or a percent character.
Upgrading to run Workgroup Engine as a Service	If you install Workgroup Engine or Client Cache Engine as an application, then later decide you want to run it as a service, uninstall the engine, then reinstall it as a service.
Authorization and security	You must have Administrator rights to install Pervasive PSQL.
	Depending on the particular account, a local security policy, "Sharing and security model for local accounts," in Vista and Windows Server 2008 platforms can adversely affect network logins. Ensure that your policy for "Sharing and security model for local accounts" is set to Classic, which authenticates users as themselves.
PATH location	If you are installing a downloaded version of Pervasive PSQL, do not place the setup files in a location that is listed in the PATH environment variables. This can cause issues with file copying during installation. Place the setup files in a location such as the Windows TEMP directory.
Windows Installer Version	Pervasive PSQL v11 SP3 requires Windows Installer v3.1 to be installed in order to run the PSQL installation. Some versions of Windows XP might not have the minimum required version of the Windows Installer installed. To see what version of the Windows Installer is present on your system, type MSIExec /? at a command prompt. If your version of Windows XP does not have Windows Installer v3.1 installed, either upgrade your version of Windows Installer or install Pervasive PSQL v11 SP3 using the Setup executable file, which will automatically upgrade the installed version of Windows Installer to v3.1 before running the Pervasive PSQL v11 SP3 installation.
Windows Server 2008	The optional installation features are disabled by default when installing Pervasive PSQL Server on any version of Windows Server Core.

Core installation	
Installing XIO on Virtual Machines	Pervasive Software does not support running XIO on a virtual machine image.

Silent Installation

To install Pervasive PSQL v11 SP3 silently, follow these steps:

1. Run the PSQL installation using the silent command line option. To authorize PSQL during the installation, update the installation configuration file ptksetup.ini to specify the authorization key (PVSW_PSQL_LICENSE_KEY=<key>). To authorize PSQL from the command line after the installation has completed, see step 2.

```
Setup<InstallType>_x<Platform>.exe /s /v"/qn /l*v
\"%temp%\PSQLv11_InstallLogFileName.log\""
```

This example creates an installation log file in the Windows temp directory.

2. [Optional] To authorize PSQL after the installation has completed, use the License Administrator Command Line Interface utility:

```
"<PSQL_install_path>\bin\clilcadm.exe" -a <key>
```

Linux

Installing Pervasive PSQL on Linux

Pervasive PSQL v11 SP3 supports Linux distributions running Kernel 2.6.x. For information about installing or upgrading to Pervasive PSQL v11 SP3 on Linux, see *Getting Started with Pervasive PSQL*.

> **Note** If you are upgrading from a previous version of Pervasive PSQL on Linux, you must uninstall the currently installed version and then install Pervasive PSQL v11 SP3.

Linux Installation Packages

Full installation packages are available for Linux. A full installation includes the necessary engine and client files, all available utilities and the complete user documentation.

The following table outlines the installation packages available.

Pervasive PSQL Product	Installation Type	Contains	Example Name of Package[1]

Server 64-bit	Full	Engine and client files, utilities, and documentation	Pervasive.SQL-x.yy-zzz.zzz.x86_64.[rpm | tar]
Server 32-bit	Full	Engine and client files, utilities, and documentation	Pervasive.SQL-x.yy-zzz.zzz.i486.[rpm | tar]
Client 64-bit	Client	Client files, utilities, and documentation	Pervasive.SQL-Client-x.yy-zzz.zzz.i486_64.[rpm | tar]
Client 32-bit	Client	Client files, utilities, and documentation	Pervasive.SQL-Client-x.yy-zzz.zzz.i486.[rpm | tar]
[1] x.yy-zzz.zzz represents the actual digits in the file name that indicate the release and build number of the product			

Eco System Products

This section details information specific to Pervasive Software Eco System products and their compatibility with Pervasive PSQL v11 SP3.

Pervasive PSQL v11 SP3 supports the following Pervasive Eco System product versions:

- AuditMaster v7.0, v8.0, and v8.1
- Backup Agent v3.0, v3.1, and v3.2
- DataExchange v4.0, v5.0, and v5.1

If you have an earlier version of one or more of these eco system products installed, they will not work after you have installed Pervasive PSQL v11 SP3. You need to upgrade each eco system product to its latest available version.

Backup Agent

If you have Backup Agent 2.x 32-bit installed, you cannot install Pervasive PSQL v11 SP3 until you first uninstall Backup Agent 2.x 32-bit. This is a current limitation with the Backup Agent 2.x 32-bit uninstallation.

Backup Agent v3.1 and v3.2 does not require a separate license when used with PSQL Server. It is shipped with Pervasive PSQL Server v11 SP2 and later versions for Windows.

JRE Components Included in Installation

The JRE is no longer invoked as a separate installation by the Pervasive PSQL installation. The components of the JRE needed by the following features are now installed as part of Pervasive PSQL unless an appropriate version of the JRE (1.6.0_01 or higher) is already installed for all users on the system:

- PCC and Documentation
- DDF Builder

- Notification Viewer
- Core utilities

On Windows 32-bit operating systems, the Pervasive PSQL installation does not install the JRE components if an appropriate version of the JRE (1.6.0_01 or higher) is already present for all users. On Windows 64-bit operating systems and on Linux, the JRE components are always installed.

Fixed Issues and Known Issues

The Web download page for Pervasive PSQL v11 SP3 General Release contains a file that lists the issues fixed since the General Release of Pervasive PSQL v11. The known issues for Pervasive PSQL v11 SP3 General Release are also published on the download page. See http://www.pervasive.com/database.

Usage Notes

This section discusses situations you might encounter using the product after installation.

Windows

Subject	Discussion
Restore point errors in Pervasive PSQL install log	Failures pertaining to restore point can be ignored. Sometimes the Windows operating system fails to create a snapshot of the current disk (called a restore point) prior to allowing a new application installation. The restore point is not required. Uninstalling Pervasive PSQL completely removes the Pervasive PSQL product from the system.
Right-click shortcut for "Run As Administrator" on Windows Vista and later releases	A right click on an application utility in the Windows Start menu does not offer a "Run As Administrator" option. This is a limitation of Windows Installer 3.1. If, for some reason, you want to run a Pervasive PSQL utility in an elevated mode, you have several options: - Run the utility from an elevated command prompt. - Create your own desktop shortcut to the utility executable. - Navigate to the utility executable with Windows Explorer.

Linux

Subject	Discussion

Internet protocol on Linux	Pervasive PSQL does not support Internet Protocol (IP) v6 on Linux. If the operating system uses IP v6 by default, consider changing the default configuration to IP v4. Using IP v4 as the default prevents the delay caused by the database engine when it attempts to use IP v6 then must revert to IP v4. Refer to the operating system documentation for setting the IP default.
ODBC and Linux	Unix ODBC does not come installed with Red Hat Enterprise 5.4. If your ODBC application is set to use the Unix ODBC cursor library, you need to install the Unix ODBC package or change your ODBC application to use the Pervasive ODBC driver.

Technical Support

You can obtain technical support from the following Web-based support options:

- Pervasive Knowledge Base at http://www.pervasive.com/database.
- The Community Forum at http://www.pervasive.com/database. Use this either to access a technical discussion about or to report a product defect with Pervasive PSQL v11 SP3.

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*** End of Release Notes ***

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