

# ***Btrieve 12 Release Notes General Release – December 2015***

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Welcome to the General Release of Btrieve 12.

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

## **Overview**

### ***Platforms Supported***

This release has been successfully tested on the following operating systems in their 32- and 64-bit editions:

- Windows 10
- 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

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

### **Product Authorization**

Btrieve 12 comes with a trial key for evaluation installations. These trial keys have limits of 5 users and 30 days.

If you install Btrieve 12, you are required to authorize the product either by entering a license key during installation or by using the License Administrator utility after installation. Authorizing Btrieve 12 during installation requires an Internet connection. To authorize after installation, read about license administration in *Btrieve User's Guide*.

### **License Authorization Access Through Proxy Servers**

We recommend that you use Windows Internet Explorer to configure proxy servers. If your proxy server was not configured using Internet Explorer, we recommend that you use Internet Explorer to configure it again. If you are unable to use Internet Explorer, then you can use the steps given here. These steps involve editing the Windows registry.

**Caution** Editing the registry is an advanced procedure. If done improperly, the editing can cause your operating system not to start. If necessary, obtain the services of a qualified technician to do the editing. Actian Corporation does not accept responsibility for a damaged registry.

In a 64-bit Windows operating system, two keys in the registry can store proxy server settings:

- HKEY\_LOCAL\_MACHINE\Software\Wow6432Node\Pervasive Software\ELS
- HKEY\_LOCAL\_MACHINE\Software\Pervasive Software\ELS

Depending on the environment, ELS proxy server settings may be created in either location. The licensing manager looks in the Registry for its proxy server settings first in the \Wow6432Node\Pervasive Software\ELS\ key. If it cannot locate them there, it looks in the \Pervasive Software\ELS\ key.

If you are editing Registry settings for proxy servers, you first need to find the correct location.

- 1 Begin by looking for a Wow6432Node. If it exists, edit the proxy server Registry settings in the Pervasive Software\ELS\ key.
- 2 If you find no Wow6432Node, move to the Software directory and edit the proxy server Registry settings in the Pervasive Software\ELS\ key.
- 3 Modify the Windows registry by adding the following to the Pervasive Software\ELS\ key:
  - String value proxy\_host
  - DWORD (32-bit) value proxy\_port
  - String value proxy\_userid
  - String value proxy\_passwd

**Note** Btrieve 12 requires only the proxy\_host and proxy\_port values. Depending on the configuration of your proxy server, you may also need to add proxy\_userid and proxy\_passwd.

- 4 Authorize Btrieve 12 using the License Administrator utility.

## New Features and Enhancements

See *What's New in Btrieve 12* for a comparison of Btrieve 12 and Btrieve 6.15. You can find this information in three places:

- The documentation you can open in Btrieve Control Center (BTRCC)
- A PDF file on the download page at the [Actian PSQL website](#)
- A PDF file on the installation media

## Installing Btrieve

This topic discusses installation of the product. Before reading further, be familiar with [Product Authorization](#).

Installation files are available for download from the [Actian PSQL website](#).

If you want to read about installation in detail before attempting an upgrade, see *Getting Started with Btrieve*, available on the installation media or the [Actian PSQL website](#)

### Installing Btrieve 12

To start the installation, run the installer application Install\_Btrieve.exe. Use this same installer on all systems that require Btrieve 12.

The installer detects the bit architecture of the operating system and automatically installs the appropriate 32- and 64-bit components.

### Client Compatibility

Clients for Btrieve 12 engines must also be Btrieve 12 installations. Btrieve 6.15 clients cannot connect to Btrieve 12 engines, nor vice versa.

### Important Notes about Installing

The following information applies when you install Btrieve.

Subject	Discussion
Windows firewall and client/server applications	Btrieve installations add files to the firewall access list to enable client-server functionality. If the operating system security prompts you during installation of Btrieve to unblock or allow communication with a Btrieve component, select OK (yes).
Optionally disable restore points	The total installation time can usually be reduced on Vista and later systems by disabling Windows System Restore. On Windows 7 or later and 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:

	Install_Btrieve.exe /s /v" /l*v \\ "%temp%\Btrieve_InstallLogFileName.log\" MSIFASTINSTALL=1"
Characters to avoid in installation path	Do not use the characters for pound (#), percent (%), or double backslash (\\, used to specify a UNC path) in installation paths for Btrieve products if you plan to use BTRCC. BTRCC cannot run if the installation path contains these characters.
Modifying to run Btrieve Engine as an Application	If you install Btrieve as a service, then later decide you want to run it as an application, uninstall the engine, then reinstall it as an application.
Upgrading to run Btrieve Engine as a Service	If you install Btrieve as an application, then later decide you want to run it as a service, you must uninstall the client, then reinstall it as a service.
Authorization and security	You must have Administrator rights to install Btrieve.  Depending on the particular account, a local security policy called "Sharing and security model for local accounts" in Vista and Server 2008 can adversely affect network logins. Be sure that this policy is set to Classic, which authenticates users as themselves.
PATH location	If you are installing a downloaded version of Btrieve, 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.

### Installing Silently

To install Btrieve 12 silently, run the Btrieve installation using the quiet command line option /qn, as shown in this example:

```
Install_Btrieve.exe /s /v"/qn /l*v \\ "%temp%\Btrieve_InstallLogFileName.log\""
```

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

Optionally, to authorize Btrieve after the installation has completed, use the License Administrator command line tool clilcadm.exe:

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

### JRE Components Included in Installation

On Windows 32-bit operating systems, the Btrieve installer does not install JRE components if JRE 1.7 is already present for all users. In all other situations, the Btrieve installer adds JRE 1.7 components for its own use. The location of the Btrieve 12 JRE is not added to the system Path environment variable.

### Known Issues

The [online download page](#) for Btrieve 12 provides a document listing known issues for Btrieve 12.

## Usage Notes

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

Subject	Discussion
You installed the Btrieve engine as an application and you cannot open a remote Btrieve file.	You may need to stop and restart the Btrieve engine to adopt the rights and permissions for the current user account. You commonly need to do so to gain access to remote files on another system where there is no engine local to those files, and only after first installing the product. A system restart can also resolve this problem.
You find no right-click option to run as administrator.	<p>Right-clicking an application utility in the Start menu does not offer a Run As Administrator option. This is a limitation of Windows Installer 3.1.</p> <p>If you want to run a Btrieve utility in an elevated mode, you have several options:</p> <ul style="list-style-type: none"> <li>• Run the utility from an elevated command prompt.</li> <li>• Create your own desktop shortcut to the utility executable.</li> <li>• Navigate to the utility executable with Windows Explorer.</li> </ul>

## Technical Support

You can obtain technical support from several online options at the [Actian 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 Support page – Open a service ticket, submit a defect, or purchase support.

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