

RES PowerFuse 2008 SR4 Release Notes



What's New in RES PowerFuse 2008 SR4 (8.0.4.5)?

At 19 February 2009, RES Software released a new build of RES PowerFuse 2008 SR4. This build introduces the following enhancements and fixes:

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Important change

[Slow performance after upgrade to RES PowerFuse 2008 SR4](#)

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Slow performance after upgrade to RES PowerFuse 2008 SR4

Because of a small memory leak, appguard.sys, the kernel mode driver of the Security Management components in RES PowerFuse gradually slowed down in performance. This has been fixed.

 **Warning**

A manual reboot of the computer is required after applying the update.

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Enhancements

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Configure cache timer interval

It is now possible to configure the cache timer interval. This interval determines how often the cache checks for changes in the database or for new transactions. The default for this interval is 5 seconds. This interval can be changed by setting the following registry key:

System Key: HKEY_LOCAL_MACHINE\Software\RES\PowerFuse

Type: String (REG_SZ)

Value name: CacheTimerInterval

Value Data: A value between 5 and 60 (seconds)

Changing the default of 5 seconds should only be done in special cases, such as a heavy load on the database server.

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Disable screensaver when RES PowerFuse Workspace Extender is active

When a RES PowerFuse session is started from a workstation with the RES PowerFuse Workspace Extender or the RES Subscriber Agent, the RES PowerFuse session will enable a Screensaver by default. It is now possible to change this behavior, by setting the following registry string value:

System key: HKEY_LOCAL_MACHINE\SOFTWARE\RES\PowerFuse

Value Name: NoAgentScreensaver

Value Data: Yes

or

System key: HKEY_CURRENT_USER\SOFTWARE\RES\PowerFuse

Value Name: NoAgentScreensaver

Value Data: Yes

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File version included in pwrcache errors in common Error Log

If pwrcache reports an error in the common Error Log in RES PowerFuse, the file version of pwrcache.exe will now be included in the error.

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Force LogOff of disconnected sessions after timeout

It is now possible to force a logoff of disconnected sessions after a specified timeout expires. This can be enabled by setting the following registry keys:

System key: HKEY_CURRENT_USER\Software\RES\PowerFuse or
HKEY_LOCAL_MACHINE\Software\RES\PowerFuse

Value name and data:

ForceLogoffEnabled: Yes (to enabled the mechanism)

ForceLogoffTimeout or ForceLogoffTimeoutOnDisconnect: value in minutes

ForceLogoffOnDisconnect: Yes

If you are already using the ForceLogoffOnIdle mechanism, the timeout in ForceLogoffTimeout can be used to use the same timeout for both mechanisms, or you can use a different timeout to disconnect by setting a value in ForceLogoffTimeoutOnDisconnect.

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NetGuard dump extended with computer/server name

The name of the NetGuard dump (`netguarddump.txt`) has been extended with the name of the computer or server: `netguarddump_<computer/server name>.txt`. This file can be useful for troubleshooting Security Management and similar cases.

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Silent refresh of RES PowerFuse sessions

A silent refresh of RES PowerFuse will not show a splash screen during a refresh of the Workspace Manager, which in some cases is less intrusive for the user. A silent refresh will only be used when the refresh is a result of a display change, a USB device change or a reconnect of a disconnected session.

"Silent refresh" can be enabled by setting the following registry key:

System key: `HKEY_LOCAL_MACHINE\SOFTWARE\RES\PowerFuse`

Value Name: `SilentRefresh`

Value Data: `Yes`

or

System key: `HKEY_CURRENT_USER\Software\RES\PowerFuse`

Value Name: `SilentRefresh`

Value Data: `Yes`

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Citrix published applications not republished after changes in Server Groups

In large environments, Citrix published applications sometimes were not republished after a change in a Server Group. This has been fixed.

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TS Client IP address and TS Client Name not resolved on Citrix XenDesktop

If a RES PowerFuse session was started from a Citrix XenDesktop, the TS Client IP address and TS Client Name could not be resolved. This has been fixed.

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Database errors were not logged correctly

If a database error occurred, the error was not logged correctly. Only the failing statement was shown. The actual error message was missing. This has been fixed.

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Error when creating large Building Blocks

When creating a large Building Block, this could result in an error: "out of string" or "out of memory". This has been fixed.

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Friendly names not set for drive mappings

If a friendly name was defined for a new drive mapping in the RES PowerFuse Management Console and the option "Do not perform mapping operation" was selected (for example, because the specified drive was the C: drive), the friendly name was not set. This has been fixed.

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Icons with Alpha-blending not shown in RES PowerFuse Shell

Special icons, such as icons with alpha-blending, were not shown correctly on the desktop of a RES PowerFuse session when using the RES PowerFuse Shell. This has been fixed.

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Option "Hide Description Window" did not work in dual monitor setup

If a user selected the option **Hide Description Window** in the PowerPanel of his RES PowerFuse session and he used a dual monitor setup, an empty description window was shown on the secondary monitor. This has been fixed.

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Policy Files not processed correctly

Policy files can be uploaded as part of PowerLaunch (at **Configuration Management > PowerLaunch > User Registry**). Two issues have been fixed with regard to this use of policy files:

- it was not possible to upload the latest Office 12.0 ADMX policy files. This has been fixed.
- under certain circumstances, a new policy file could not be read: the file could be added, but then the window where you mark specific registry keys did not open. This has been fixed. After upgrading to 2008, please remove the file and add it again.

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PowerTrace error on Oracle 9i Client

The following error could occur when the RES PowerFuse used an Oracle 9i Client database and Powertrace was enabled:

```
ERROR:ORA-00911: invalid character (select length(?) as l1 from dual;)
```

This error did not affect the Powertrace functionality. This has been fixed.

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PowerTrace Viewer showed application "8"

The Application list of the PowerTrace Viewer incorrectly showed an application named "8". This has been fixed.

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Printers not reconnected during reconnect session

If printers were set up to connect asynchronously (i.e. the option **Wait for task to finish before continuing** was not selected in **PowerLaunch > Network Printers** in the RES PowerFuse Management Console), these printers were not connected during a reconnect session. In addition, if such a printer was defined as the default printer, the default printer was not set correctly. This has been fixed.

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Property "tshomedirectory" was not resolved

The property "tshomedirectory" was not resolved. If a property (such as an environment variable) was based on `$adinfo(tshomedirectory)`, this resulted in an empty string. This has been fixed.

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Publishing applications from context menu did not always work

When right-clicking the Start Menu or the Application List in Application Management in the RES PowerFuse Management Console and clicking **Publish**, all applications are published. Sometimes this was not processed. This has been fixed.

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Search field for group did not always appear

When setting Access Control based on group membership, you can click anywhere in the list under **Available groups** and start typing the name you are looking for. As soon as you type the first letter, a search box will appear to show your search term. This search box did not appear if the first character was a zero (0). The same happened in a number of other places with similar listboxes in Application Management. This has been fixed.

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Session information was not released after a session reset

If a session was reset, the session's license information was released by the RES Service. However, any concurrent application licenses remained in the database. This has been fixed. The RES Service will now also release these concurrent licenses.

Note

The release of the session and application license information may take up 3 minutes after the session has been closed by a reset.

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Subscribed SoftGrid applications did not start in RES PowerFuse 2008 SR4

After installing RES PowerFuse 2008 SR4, starting a subscribed Softgrid application on a server could fail if the SoftGrid versions on the local client and the server were different. This has been fixed.

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Tooltip text of Tasklist button missing

If a user clicked the **Tasklist** button in the Taskbar in a RES PowerFuse session using the Microsoft Windows Shell, the tooltip text erroneously changed to **Show Tasklist**. Any user or computer information was missing. This has been fixed.

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Unable to disable security messages

If Applications Security is enabled in RES PowerFuse 2008 SR4 on a Microsoft Windows Vista or Windows Server 2008 system, and a user attempts to start an unauthorized executable from the Windows Explorer, this will result in a Microsoft Windows message "not a valid Win32 application", followed by an AppGuard message "Access Denied". It was not possible to suppress this message. This has been fixed.

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