

RES PowerFuse 2008 SR6

Release Notes

1. Enhancements 1

Building Block structure has been improved	1
Allow desktop shortcuts to unmanaged applications	1
Option to show all Microsoft Office PowerPoint presentations in separate windows in the Task bar	1
RES PowerFuse license verification method has been improved	2
Support for databases not created by RES PowerFuse	2
Support for DDE in Instant File Associations.....	2
Support for SoftGrid applications (Microsoft App-V) deployed with Microsoft SCCM	2
Support for User Shell Folders.....	3
User Preferences for applications preserved and loaded following session refresh	3

2. Fixes 4

Applications started with scripts were sometimes not reported correctly in PowerTrace	4
AppGuard failed to release certain system resources.....	4
Audit Trail logged "%clientname%"	4
BSOD when browsing the internet	4
Certain applications could not be started	4
Certain registry settings stored in User Preferences were not always restored correctly	4
Default printers were not set when network printers were connected asynchronously	5
"Disconnect" button was not shown when SessionGuard option was not selected.....	5
Different Instant File Associations started the same application	5
Display name not shown in Workspace Sessions node	5
"Edit" command when double-clicking a certain file type.....	5
Error 76 in fysnParseCopy when starting Microsoft Outlook 2007	6
Error "Arithmetic Overflow for table tblServer"	6
Error at startup of RES PowerFuse workspace manager	6
Error "DELETE From tblLogs" when using MySQL	6
Error when configuring registry settings based on ADM files.....	6
Error when deleting Agents.....	6
Error when starting published applications.....	6
Error when the RES PowerFuse Agent cache is located outside the RES PowerFuse installation directory.....	6
Error when using an evaluation license and adding a MyWorkspace license or Standard license.....	7
Error when viewing Workspace Sessions information.....	7
Errors when adding registry policies.....	7
Errors when creating Instant Reports in MyWorkspace Edition	7
"Fast connect" option for Network Printers did not work on Microsoft Windows Vista	7
File associations with command "New" were not shown in the "New" context menu of Microsoft Windows Explorer.....	7
"First Time Shell Init" was performed when starting a session on Microsoft Windows 64-bit systems.....	8
Flickering AutoCAD window.....	8
Friendly names not set for drive mappings.....	8
Hide network places option not working in Microsoft Windows Vista / 2008.....	8
"Hidden" drives shown in PowerPanel when selecting desktop background picture	8
High CPU usage of pfwsmgr.exe on 64-bit Citrix servers.....	8
Icons of terminated applications sometimes remained in the notification area of the taskbar	8
Import of large Building Blocks could not always be canceled.....	8
Incomplete cache files if Datastore connection lost during a cache update	9

Incomplete synchronization of RES PowerFuse cache after unattended installation.....	9
Instant Report of Security Roles did not include scope information.....	9
Laptops running Microsoft Windows Vista went offline if primary LAN was disconnected	9
Management Console could not be accessed on "offline" computers.....	9
MemoryShield window tried to get the focus if its application list was empty.....	9
Microsoft Office Excel stayed minimized when opening a Microsoft Office Excel document.	10
Microsoft Office Excel windows could "float" over the taskbar	10
Microsoft Outlook reported twice in PowerTrace.....	10
Minimized applications not correctly restored	10
Missing file associations after importing file type associations.....	10
Missing icons of unmanaged applications after upgrading to RES PowerFuse 2008 SR5.....	10
Native 64-bit executables with %programfiles% in their path not found	10
Nested PowerZones were not included in Building Blocks	11
Nested PowerZones were shown twice in the Management Console	11
Non-RES PowerFuse shortcuts shown in the Start Menu	11
Option "Do not refresh Start Menu after resuming from standby or hibernate" did not work in the Microsoft Windows Shell.....	11
Option "Install updates and shutdown" was shown on Microsoft Windows XP.....	11
PowerLaunch Registry Settings in HKEY_LOCAL_MACHINE for SoftGrid application not created.....	12
PowerLaunch settings were not applied to SoftGrid applications	12
PowerZones based on processor architecture were not always calculated correctly on x64- based operating systems	12
Published applications with passthrough options no longer working after migration from RES PowerFuse 7 to RES PowerFuse 2008	12
Pwr64.exe crashed.....	12
Replace folder names with environment variables in command line of applications did not work on Microsoft Windows 64-bit systems	12
No users were shown in the RES PowerFuse Access Wizard on certain non-English systems	12
RES PowerFuse sessions using Citrix roaming not refreshed after reconnecting	13
Slow performance of RES PowerFuse	13
Subscribed applications were not always closed correctly when logging off a RES PowerFuse session	13
Task Manager not responding	13
ThinApp applications crashed	13
Unexpected results when importing Instant File Associations for applications with a partial file name	13
User name included in Active Directory errors caused by duplicate users	13
User Preferences Exclusions list could get corrupted when adding exceptions.....	13
User Preferences for binary registry values with a size of 1 byte were not restored.....	14
User Preferences for the QuickLaunch folder were not saved correctly when using the Microsoft Windows shell.....	14
User Preferences were not saved correctly when a session was logged off by a "Force Logoff"	14
Users unable to log on because no more licenses were available	14
Various problems with MySQL on a Linux-based server	14
Virtual Command Prompt disappeared from taskbar.....	14
Windows Desktop Search could not be used in RES PowerFuse sessions	14
Workspace Analysis did not always show correct information when using Microsoft Active Directory domains.....	15
Workspace Extensions were not shown in PowerTrace for sessions started with RES Subscriber or Workspace Extender	15

1. Enhancements

Building Block structure has been improved

The structure of Building Blocks has been improved so that creating a Building Block is faster.

In addition, an issue has been fixed that could cause large Building Blocks to become corrupt when created on a network share.

Allow desktop shortcuts to unmanaged applications

In RES PowerFuse SR5, we changed the mechanism for handling the desktop in the windows shell. One of the results of this change is that user-made desktop shortcuts to executable files are now hidden in RES PowerFuse sessions, because they are shortcuts to unmanaged applications.

If users should still have access to any desktop shortcuts to executables, you can allow this by setting the following registry value:

System key: HKEY_LOCAL_MACHINE\Software\RES\PowerFuse

Type: string (REG_SZ)

Value name: AllowExeLinkOnDesktop

Value data: Yes

or

System key: HKEY_CURRENT_USER\Software\RES\PowerFuse

Type: string (REG_SZ)

Value name: AllowExeLinkOnDesktop

Value data: Yes

Option to show all Microsoft Office PowerPoint presentations in separate windows in the Task bar

In RES PowerFuse sessions using the RES PowerFuse shell, it is now possible to show all Microsoft Office PowerPoint presentations in separate windows in the Task bar.

To enable this feature, select the option **Force Microsoft Office Excel to show open workbooks on RES PowerFuse Shell taskbar** in **Desktop Management > Appearance > Start Menu and Taskbar** in the Management Console.

RES PowerFuse license verification method has been improved

The license verification method that RES PowerFuse uses to check the authenticity of the product's license has been improved. As a result, the time to log on to a RES PowerFuse sessions or to start the RES PowerFuse Management Console has been reduced.

Support for databases not created by RES PowerFuse

It is now possible to connect to a database that has not been created by RES PowerFuse. This is useful if an administrator does not have the correct permissions to create NEW databases, but is allowed to manage EXISTING ones. For example, an administrator with only DBO permissions is not allowed to create new databases, but can connect RES PowerFuse to a database created by someone else who does have sufficient permissions (DBA). This database can then be used as a RES PowerFuse Datastore.

When connecting to a database that has not been created by RES PowerFuse itself, RES PowerFuse will ask for confirmation first.



Warning

Do not connect RES PowerFuse to existing databases that already contain data. Use empty databases only.

Support for DDE in Instant File Associations

RES PowerFuse now fully supports DDE (Dynamic Data Exchange) for Instant File Associations. DDE is used by Microsoft Office applications and a number of other applications to determine their behavior when handling file associations.

For example, if an application is already running when a user double-clicks a file that is associated with that application, DDE ensures that the file is opened in the existing instance. Without DDE, a new instance of the application will be started to open the file. DDE also makes it possible to print documents by selecting them in Windows Explorer, right-clicking and then choosing Print.

In RES PowerFuse, DDE is automatically enabled for applications, for new imports of Microsoft Windows shortcuts, and for new imports of File Associations in existing applications. It is possible to disable DDE support for applications if desired.

Support for SoftGrid applications (Microsoft App-V) deployed with Microsoft SCCM

RES PowerFuse now supports SoftGrid applications (Microsoft App-V) that are deployed with Microsoft SCCM.

If necessary, you can use the application setting **Hide application if executable is not found** to hide these applications from the user until Microsoft SCCM has deployed them.

Support for User Shell Folders

RES PowerFuse now supports User Shell Folder functions in environment variables that are configured for PowerLaunch.

The User Shell Folder functions return the paths to specified Windows Explorer folders for the current user. This is particularly useful because the paths to these folders vary depending on the operating system used.

For example, Microsoft Windows favorites are stored at `C:\Documents and Settings\[USERNAME]\Favorites` on some operating systems, but at `C:\Users\[USERNAME]\Favorites` on others. This can be handled by using the function `$UserShellFolder(favorites)`.

The following User Shell Folder functions are available:

- `$UserShellFolder(appdata)`
- `$UserShellFolder(desktop)`
- `$UserShellFolder(favorites)`
- `$UserShellFolder(nethood)`
- `$UserShellFolder(personal)`
- `$UserShellFolder(printhood)`
- `$UserShellFolder(programsmenu)`
- `$UserShellFolder(recentfiles)`
- `$UserShellFolder(sendto)`
- `$UserShellFolder(startmenu)`
- `$UserShellFolder(startupmenu)`
- `$UserShellFolder(cache)`
- `$UserShellFolder(cookies)`
- `$UserShellFolder(history)`
- `$UserShellFolder(localappdata)`
- `$UserShellFolder(mymusic)`
- `$UserShellFolder(mypictures)`
- `$UserShellFolder(myvideo)`
- `$UserShellFolder(templates)`

User Preferences for applications preserved and loaded following session refresh

During a session, users' access to applications may change for a variety of reasons, for example due to changes in the application's Access Control, or if a user disconnects an existing session and reconnects from a different location in a different PowerZone. Changes in application availability are reflected in the user session after a refresh, but User Preferences were not previously preserved or loaded at refresh.

The preserving and loading of User Preferences has now been improved so that:

- User Preference settings that a user changes during a session are always preserved at the end of the user session, even if the application is no longer available after a mid-session refresh.
- Application User Preferences are loaded after a session refresh, so that applications that become available after a refresh have the user's preferred settings as preserved from a previous setting.

2. Fixes

Applications started with scripts were sometimes not reported correctly in PowerTrace

If an application was started with one or more scripts (such as VBScript), the application was sometimes not reported correctly in PowerTrace. This has been fixed.

AppGuard failed to release certain system resources

Under rare circumstances, the AppGuard security driver could fail to release certain system resources. Although this did not pose an immediate issue, it has been fixed.

Audit Trail logged "%clientname%"

When making changes in the Management Console on a workstation client, the Audit Trail would be logged with client name as "%clientname%". This has been fixed. The client name will now be filled out correctly.

BSOD when browsing the internet

In rare circumstances, a Blue Screen (BSOD) "BAD_POOL_HEADER" could occur when visiting a website that contained references to exceptionally long URL strings. This has been fixed.

Certain applications could not be started

If the main executable of an application location (path) was stored in a different folder than additional .dll files, it was not possible to start the application in a session. This has been fixed.

Certain registry settings stored in User Preferences were not always restored correctly

Certain registry settings stored in User Preferences were not always restored correctly (for example, TypedURLs for Microsoft Internet Explorer). This happened when a registry value contained a non-ANSI character. This has been fixed.

Default printers were not set when network printers were connected asynchronously

The default printer was not always set if PowerLaunch connected network printers asynchronously (if the setting **Wait for task to finish before continuing** was not selected for these printers). This has been fixed.

"Disconnect" button was not shown when SessionGuard option was not selected

The **Disconnect** button was not shown in the Start Menu of a session if the option **Show list of applications in the already active session** was not selected in **Performance Management > SessionGuard**. This has been fixed.

Different Instant File Associations started the same application

After installing RES PowerFuse 2008 SR5, certain Instant File Associations always resulted in starting the same application, even if they referred to different applications and different file types. This occurred if, on the system level, the same file type association was defined for different file types (such as .jpg and .jpe pointing to jpegfile). This has been fixed.

Display name not shown in Workspace Sessions node

In RES PowerFuse, you can optionally use the Active Directory display names of users instead of their full names. In that case, the **Full Name** column in the nodes Workspace Sessions and Workspace Analysis shows users' display names. This feature did not work in RES PowerFuse 2008 SR5. This has been fixed.



Note

To view users' display names instead of their full names, set the following registry key:

- System key: HKEY_LOCAL_MACHINE\SOFTWARE\RES\PowerFuse
- Type: String (REG_SZ)
- Value name: UseDisplaynameasFullname
- Value data: Yes

"Edit" command when double-clicking a certain file type

If no "default" command was defined in Instant File Associations for a certain file type, double-clicking on such a file resulted in the **Edit** command. This was not always the correct action. For example, a .reg file should be added to the registry instead of being edited. This has been fixed. RES PowerFuse will now fall back on the system default command if no default command was defined for a file type.

Error 76 in fysnParseCopy when starting Microsoft Outlook 2007

If a signature was configured for Microsoft Outlook 2007 and a user started the application in a RES PowerFuse session, an error could occur: "Error 76 (path not found) in fysnParseCopy". As a result, the signature was not configured. This has been fixed.

Error "Arithmetic Overflow for table tblServer"

The error log could sometimes show many errors "Arithmetic Overflow for table tblServer". This has been fixed temporarily. The issue will be fully fixed in a future release of RES PowerFuse.

Error at startup of RES PowerFuse workspace manager

In exceptional cases, an error could occur at startup of the RES PowerFuse workspace manager: "Invalid procedure call or argument - GetAppIdFromINI". This has been fixed.

Error "DELETE From tblLogs" when using MySQL

When using a Datastore based on a MySQL server, this resulted in errors like "DELETE From tblLogs" in the common Error Log of RES PowerFuse. This has been fixed.

Error when configuring registry settings based on ADM files

When configuring registry settings based on ADM files, the following error could occur: "It is not possible to configure items with empty values." This has been fixed.

Error when deleting Agents

When deleting an Agent in an environment with many Agents, this could result in errors like: "This item's control has been deleted" This has been fixed.

Error when starting published applications

When a user started a published application by double-clicking on the corresponding file type, an error "75 Invalid Path in fysnPatchTempICAFile" was shown if the user name contained a dot ("."). This has been fixed.

Error when the RES PowerFuse Agent cache is located outside the RES PowerFuse installation directory

If the RES PowerFuse Agent cache is located outside the RES PowerFuse installation directory, the following error can occur in user sessions: "AddHideDrivePolicy at line 80: Path/File access error." This has been fixed.

Error when using an evaluation license and adding a MyWorkspace license or Standard license

If the RES PowerFuse Dispatcher contained an evaluation license (not a trial license) and a MyWorkspace license or Standard license was added, an error occurred that this was not possible, because the RES PowerFuse Datastore contained an Enterprise license. This has been fixed.

When adding a MyWorkspace license or Standard license, RES PowerFuse will now disable the evaluation license.

Error when viewing Workspace Sessions information

When viewing Workspace Sessions information in the Management Console, occasionally an error 3265 occurred: "Item cannot be found in the collection corresponding to the requested name or ordinal." This has been fixed.

Errors when adding registry policies

Adding registry policies could result in the following errors:

- If you added the same policy twice, the error "ReadADM Input past end of file" occurred.
- If you clicked the **Close** button ("**X**" in the upper right corner) while the policy was being processed, several errors occurred, after which it was not possible to add new policies.

These issues have been fixed.

Errors when creating Instant Reports in MyWorkspace Edition

When creating an Instant Report or selecting items for an Instant Report in a MyWorkSpace Edition of RES PowerFuse, several errors occurred. This has been fixed. Only the standard advertisement is now shown, explaining that Instant Reports are not available in the MyWorkSpace Edition.

"Fast connect" option for Network Printers did not work on Microsoft Windows Vista

The **Fast connect** option for **Network Printers** in **PowerLaunch** did not work on Microsoft Windows Vista. This has been fixed.

File associations with command "New" were not shown in the "New" context menu of Microsoft Windows Explorer

If a file association was made for a certain file type with the command **New**, the **New** context menu in the Microsoft Windows Explorer did not always show the command to create a new file with this file type. This has been fixed.

"First Time Shell Init" was performed when starting a session on Microsoft Windows 64-bit systems

Each time a session was started on a computer running a Microsoft Windows 64-bit operating system, the "First Time Shell Init" was performed, especially when using mandatory or roaming profiles. This has been fixed.

Flickering AutoCAD window

When starting AutoCAD 2009 LT in a session, the AutoCAD window started flickering. This has been fixed.

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.

Hide network places option not working in Microsoft Windows Vista / 2008

The option **Hide network Places** in **Desktop Management > Lockdown > Windows Explorer** did not function properly in Microsoft Windows Vista and Windows Server 2008. This has been fixed.

"Hidden" drives shown in PowerPanel when selecting desktop background picture

When a user used the PowerPanel to change the desktop background picture, all drives were shown, even drives that were "hidden" as a result of hide drive policy settings. This has been fixed.

High CPU usage of pfwsmgr.exe on 64-bit Citrix servers

If the Citrix policy rule **Do not use Clients local time** was enabled on Citrix servers, this could result in high CPU usage by pfwsmgr.exe on 64-bit servers. This has been fixed.

Icons of terminated applications sometimes remained in the notification area of the taskbar

In sessions using the RES PowerFuse shell, icons of terminated applications sometimes remained in the notification area of the taskbar. This has been fixed.

Import of large Building Blocks could not always be canceled

When importing a large Building Block, the **Cancel** button did not always work. Also, if an imported application was published, the **Publish application** window was obscured by the **Import Building Block** window. This has been fixed.

Incomplete cache files if Datastore connection lost during a cache update

If connection to the Datastore was lost while RES PowerFuse was updating the Agent cache, this would result in incomplete cache files. This has been fixed.

Incomplete synchronization of RES PowerFuse cache after unattended installation

After performing an unattended installation with database parameters, the installation performs a "one-time" synchronization of the RES PowerFuse cache. This synchronization was not always complete. This has been fixed.

In practice, an unattended installation is usually followed by a reboot. Therefore, an incomplete synchronization usually posed no problem, because the cache would be synchronized after the reboot.

Instant Report of Security Roles did not include scope information

An Instant Report of Security Roles did not include scope information. This has been fixed.

Laptops running Microsoft Windows Vista went offline if primary LAN was disconnected

If the primary LAN was disconnected on a laptop running Microsoft Windows Vista, RES PowerFuse considered the laptop to be offline, even if there was a second valid network connection (for example, a wireless connection). This has been fixed.



Tip

If a laptop should be considered online ONLY if the primary LAN is connected, regardless of any other network connections, you can define an Advanced Connection State to control this behavior.

Management Console could not be accessed on "offline" computers

If RES PowerFuse determined that a computer had an offline connection state (as determined by an **Advanced Detection Connection State** setting in the **Connection State Settings** node), access to the Management Console would not be granted to users whose security role(s) were based on group access or organizational unit access. This has been fixed.

MemoryShield window tried to get the focus if its application list was empty

In a session, the **MemoryShield** window continuously tried to get the focus if its application list was empty. As a result, the Start Menu could disappear immediately after it was opened. This has been fixed.

Microsoft Office Excel stayed minimized when opening a Microsoft Office Excel document

If Microsoft Office Excel was started and minimized to the taskbar, and then a Microsoft Office Excel document was right-clicked and opened in the Explorer, the document would be opened, but Microsoft Office Excel would stay minimized on the taskbar. This occurred even though Microsoft Office Excel file types had been defined as Instant File Associations for Microsoft Office Excel. This has been fixed.

Microsoft Office Excel windows could "float" over the taskbar

When using a SAP Application set in a RES PowerFuse session that used the RES PowerFuse shell, Microsoft Office Excel windows could "float" over the taskbar: its taskbar button would disappear and re-appear at a random location in the taskbar.

An unwanted "SAP Application set ..." window also appeared and disappeared regularly.

These issues have been fixed.

Microsoft Outlook reported twice in PowerTrace

If Microsoft Outlook was started in a session, it was sometimes reported twice in PowerTrace. This has been fixed.

Minimized applications not correctly restored

In RES PowerFuse sessions with the PowerFuse shell, some minimized applications were not correctly restored when the user double-clicked them in the Taskbar. As a result, the application would hang. This has been fixed.

Missing file associations after importing file type associations

When defining file associations for an application, the **Import File Type Associations** functionality sometimes missed some file associations. This occurred if the definition in the registry contained a short file path to the executable. This has been fixed.

Missing icons of unmanaged applications after upgrading to RES PowerFuse 2008 SR5

After upgrading to RES PowerFuse 2008 SR5, shortcuts to unmanaged applications were missing from users' desktops. This has been fixed.

After upgrading to RES PowerFuse 2008 SR6, the missing desktop shortcuts will automatically appear again.

Native 64-bit executables with %programfiles% in their path not found

Native 64-bit applications with %programfiles% in their path were not recognized properly by RES PowerFuse. This resulted in two issues:

- The applications could not be opened, even though they did appear in users' Start Menus.
- The applications did not appear in the Start Menu if they were configured with the option **Hide application when executable not found**.

Both these issues have been fixed.



Note

Native 64-bit applications require the application setting **Disable folder redirection on 64-bits systems** (at **Properties > Settings**).

Nested PowerZones were not included in Building Blocks

If a Building Block was created directly from the **Powerzones** node, and the option **Show Tree** was selected, any nested PowerZones were not included in the Building Block. This has been fixed.

Nested PowerZones were shown twice in the Management Console

In the tree view in the **PowerZones** node of the Management Console, nested PowerZones could incorrectly be shown twice (both as a member of another PowerZone and as a parent).

Non-RES PowerFuse shortcuts shown in the Start Menu

A RES PowerFuse session using the Microsoft Windows shell would show shortcuts in the Start Menu that the user had placed there manually before the RES PowerFuse session was started. This has been fixed.

Option "Do not refresh Start Menu after resuming from standby or hibernate" did not work in the Microsoft Windows Shell

The option **Do not refresh Start Menu after resuming from standby or hibernate** (at **RES PowerFuse Setup > Settings > Advanced Configuration**) did not work correctly on Agents using the Microsoft Windows shell. This has been fixed.

Option "Install updates and shutdown" was shown on Microsoft Windows XP

If a session was started on a computer running Microsoft Windows XP, the option **Install updates and shutdown** could become visible in the Logoff menu. If this option was selected, an error occurred : "can't find DLL Entry point". This has been fixed. This option is only supported on Microsoft Windows Vista and later. It will no longer be shown on computers running Microsoft Windows XP.

PowerLaunch Registry Settings in HKEY_LOCAL_MACHINE for SoftGrid application not created

For SoftGrid applications, you can configure PowerLaunch User Registry Settings in HKEY_LOCAL_MACHINE and subkeys. In practice, these settings were not always created. This has been fixed.

PowerLaunch settings were not applied to SoftGrid applications

If the option **Store patched OSD in RES PowerFuse database** was not selected at **RES PowerFuse Setup > Integration > SoftGrid Integration**, Powerlaunch settings set for a SoftGrid application were not applied when that application was started in a session. The launch of the application was also delayed for about 20 seconds. This has been fixed.

PowerZones based on processor architecture were not always calculated correctly on x64-based operating systems

PowerZones based on processor architecture were not always calculated correctly on x64-based operating systems. This has been fixed.

Published applications with passthrough options no longer working after migration from RES PowerFuse 7 to RES PowerFuse 2008

After migration from RES PowerFuse 7 to RES PowerFuse 2008, some applications published with passthrough options did not work anymore, and had to be republished. This has been fixed.

Pwrx64.exe crashed

Occasionally, the process responsible for certain Instant LogOff processes (pwx64.exe) crashed. This did not have any direct consequences for users. This has been fixed.

Replace folder names with environment variables in command line of applications did not work on Microsoft Windows 64-bit systems

Replacing the folder name of an application with its corresponding environment variable did not work on Microsoft Windows 64-bit systems for c:\program files (x86). This was replaced with %programfiles% instead of %programfiles(x86)%. This has been fixed.

No users were shown in the RES PowerFuse Access Wizard on certain non-English systems

Due to a code error in the RES PowerFuse Access Wizard, no users were shown on certain non-English systems. This has been fixed.

RES PowerFuse sessions using Citrix roaming not refreshed after reconnecting

If using Citrix roaming, RES PowerFuse sessions that were reconnected on another client were sometimes not recognized by RES PowerFuse. As a result, no session refresh was performed. This has been fixed.

Slow performance of RES PowerFuse

Because of a small memory leak, RES PowerFuse gradually slowed down in performance when using the RES PowerFuse shell. This has been fixed.

Subscribed applications were not always closed correctly when logging off a RES PowerFuse session

Subscribed applications were not always closed correctly when a RES PowerFuse session using the Microsoft Windows shell logged off. This has been fixed.

Task Manager not responding

Under certain circumstances, CPUShield caused the Task Manager to stop responding. This has been fixed.

ThinApp applications crashed

ThinApp applications sometimes crashed if they were configured with a PowerLaunch environment variable that was empty. This has been fixed.

Unexpected results when importing Instant File Associations for applications with a partial file name

When Instant File Associations were imported for an application that contained a partial file name, a large number of Instant File Associations were found. This was incorrect, because no Instant File Associations should have been found. This has been fixed.

User name included in Active Directory errors caused by duplicate users

If Active Directory contains duplicate users, an error is shown when the Management Console starts: "This key is already associated with an element of this collection". The error message now contains the exact user name to which this error refers.

User Preferences Exclusions list could get corrupted when adding exceptions

When manually adding User Preference Exclusions, the list could get corrupted when the fourth exception was added. This has been fixed.

User Preferences for binary registry values with a size of 1 byte were not restored

If a User Preference was configured for a binary registry value with a size of 1 byte, the registry value was not set when a session started. This has been fixed.

User Preferences for the QuickLaunch folder were not saved correctly when using the Microsoft Windows shell

User Preferences for the QuickLaunch folder were sometimes not saved correctly for sessions using the Microsoft Windows shell. The temporary folder quicklaunch.mslinks was also saved, but this file should never be part of a User Preference. This has been fixed.

User Preferences were not saved correctly when a session was logged off by a "Force Logoff"

When a session was logged off by a "Force Logoff", certain User Preferences were not saved correctly. This has been fixed.

Users unable to log on because no more licenses were available

In some circumstances, users were not able to log on because there were no more licenses available. User actions of already logged on users would not be processed. This problem occurred when the process that is responsible for upstream and downstream traffic between the Datastore and the Agent (pwr-cache.exe) stopped processing transactions from the transactions folder and needed a service restart. This has been fixed.

Various problems with MySQL on a Linux-based server

Various problems occurred if the RES PowerFuse Datastore was based on a MySQL database on a Linux-based server. This has been fixed.

Virtual Command Prompt disappeared from taskbar

If the Softgrid Integration option **Hide Command Window when launching application** was selected in the Management Console, and the Command Prompt was running as a SoftGrid application in a session, this application would disappear from the taskbar when a second virtual application was launched. This has been fixed.

Windows Desktop Search could not be used in RES PowerFuse sessions

In a RES PowerFuse session, Windows Desktop Search started up with a completely empty window. This made it impossible to use the application. This has been fixed.

Workspace Analysis did not always show correct information when using Microsoft Active Directory domains

If Directory Services was configured to use Microsoft Active Directory domains, Workspace Analysis did not always show the correct properties in the columns **Locked out** and **Can't change pwd**. This has been fixed.

Workspace Extensions were not shown in PowerTrace for sessions started with RES Subscriber or Workspace Extender

Applications that were configured to run as Workspace Extension were not shown in PowerTrace if they were launched in a session started with the RES Subscriber or Workspace Extender. This has been fixed.

Disclaimer

Whilst every care has been taken by RES Software to ensure that the information contained in this publication is correct and complete, it is possible that this is not the case. RES Software provides the publication "as is", without any warranty for its soundness, suitability for a different purpose or otherwise. RES Software is not liable for any damage which has occurred or may occur as a result of or in any respect related to the use of this publication. RES Software may change or terminate this publication at any time without further notice and shall not be responsible for any consequence(s) arising there from. Subject to this disclaimer, RES Software is not responsible for any contributions by third parties to this publication.

Copyright Notice

Copyright © 1998-2009 RES Software, The Netherlands. RES®, PowerFuse®, Wisdom®, Orchestra®, Insight® and the RES logo are either registered trademarks or trademarks of RES Software in Europe, the United States and other countries. Microsoft and Windows are either registered trademarks of Microsoft Corporation in the United States and/or other countries. All other product and company names mentioned may be trademarks and/or service marks of their respective owners.

Copyright © RES manuals, training materials and software 1998-2009 Real Enterprise Solutions Development BV, The Netherlands. U.S. Pat. No. "US 7,433,962", other patents pending.

Any rights not expressly granted herein are reserved by RES Software or Real Enterprise Solutions Development BV.