

RES PowerFuse 2008 SR4

Release Notes

Contents

1.	What's New in this Service Release?	1
1.1	Enhancements	1
	AppGuard dump extended with computer/server name	1
	Database performance optimized	1
	Datasource description shown instead of Datasource driver	1
	Force shutdown via registry settings	1
	Hide and Launch options for Microsoft SoftGrid applications	2
	Instant Mail template for Internet E-mail extended with POP3 and SMTP configuration settings	2
	Modification messages about OSD files extended with "Do not show again" option	2
	Providing parameter values for RES Wisdom Tasks	2
	Read-Only Blanketing: Do not remove local shares	2
	Startup session performance improved	3
1.2	Fixes	3
	Access control based on client names containing wildcards did not work	3
	Advanced settings for Instant Datasource based on IBM DB2 ODBC driver were not saved	3
	Application "Kluwer Aliment" hung when using RES PowerFuse shell	3
	Applications needed to be republished on Citrix Presentation Server 4.0 after upgrading to RES PowerFuse 2008 SR3	3
	Applications Security events could not be authorized on application level	3
	Applications Security prevented Microsoft SoftGrid applications from accessing temporary .BAT files	3
	Applications with a Pwrgate "x" commandline did not always work in RES PowerFuse 2008 SR3	4
	AutoLaunched applications not working on published desktops (passthrough sessions)	4
	BSOD at startup of RES PowerFuse sessions when using McAfee VirusScan 8.5	4
	BSOD in long-running RES PowerFuse sessions	4
	Building Blocks could not be imported if they contained Unicode characters	4
	Citrix hook on Explorer.exe reset by RES Service	4
	Clipboard function did not work in RES PowerFuse sessions in Citrix XenApp environments	5
	Desktop and taskbar not shown when using French localized version of Microsoft Windows	5
	Disconnect button not visible to end user on a Terminal Server	5
	Drive mappings were not always shown correctly in Workspace Analysis Details	5
	Environment variables replaced when editing Microsoft SoftGrid applications	5
	Error "Existing log not found for session:"	5
	Error in Novell DS environment	6
	Error "RES NetGuard Service cannot be started" after RES PowerFuse Console Only installation	6
	Error when checking for license lock information	6
	Error when PowerZone was based on Minimum installed memory	6
	Error when using empty share names for PowerLaunch drive mappings	6
	Errors when adding empty group names to Access Control settings of applications	6

File type extensions were published incorrectly if published applications used content redirection	6
Fixed drives were visible to the end user	7
Flickering icons on Microsoft Windows Vista	7
Full names in Workspace Analysis and Workspace Sessions nodes did not match.....	7
Group scoping or filtering did not work for Workspace Sessions list.....	7
Incorrect results for "Daily maximum users for computer" in PowerTrace viewer	7
Incorrect Security Management messages on Microsoft Windows Vista	7
Instant Logoff did not work on 64-bit systems.....	7
Instant Mail profiles and additional mailboxes were not configured in Microsoft Outlook when virtualized using Microsoft SoftGrid	8
Instant Mail profiles could not resolve mail server when used in Microsoft SoftGrid applications.....	8
Instant Mail templates for Microsoft Outlook Signatures did not work as PowerLaunch setting for Microsoft Outlook virtualized with Microsoft SoftGrid	8
Instant Mail templates were not shown when read-only.....	8
List of concurrent users shown when exceeding concurrent user licenses.....	8
Locked out user accounts not reported as locked out in RES PowerFuse Management Console	9
Mouse buttons could not be switched using global User Preferences.....	9
MySQL compatibility issues.....	9
Option "By default do not grant concurrent/seat license when database is not available" not applied when imported from a Building Block.....	9
OSD file as Custom Resource not opened for editing	9
Overflow error in fdtmGetSessionIdleStartDateTime	9
PowerLaunch environment variables did not work for Citrix streaming applications	10
PowerLaunch registry policies based on Microsoft Office 12.0 ADMX policy files were not processed correctly	10
PowerTrace did not show online and offline status correctly	10
PowerZones based on USB storage device serial numbers were slow to be resolved.....	10
Printer name not shown when adding network printer connection.....	10
Pwr64.exe crashed at logoff on a Microsoft Windows 2008 64-bit machine.....	10
Pwrsync did not work correctly.....	10
RES PowerFuse components crashed when connecting to Oracle 9i database	11
RES PowerFuse datastores could not be created on Microsoft SQL servers using case-sensitive collation.....	11
RES PowerFuse sessions froze with error "This array is fixed or temporarily locked".....	11
Restart and Install updates and shutdown not working on Microsoft Windows Vista systems	11
Screensaver timeout settings could not be changed in PowerPanel.....	11
Security Management did not log events caused by Microsoft SoftGrid applications.....	11
Security Management logged many security events when browsing folders containing executable files on Microsoft Windows Vista	11
Slow enumeration of PowerLaunch Network Printers	12
Slow startup of RES PowerFuse sessions after unattended installation	12
Slow startup of RES PowerFuse sessions when using large registry files in PowerLaunch settings and User Preferences.....	12
Microsoft SoftGrid application icons were not saved	12
Microsoft SoftGrid applications failed to start if temporary files path contained spaces	12
Microsoft SoftGrid applications no longer working after upgrading to Microsoft Application Virtualization 4.5	12
Microsoft SoftGrid ("Q") drive erroneously seen as removable	12
Sort order of Citrix servers in wizard incorrect.....	13
Sorting columns did not work correctly in Workspace Sessions node	13
Start button remained visible during a logoff or shutdown	13
Strange Start menu icon appeared on the desktop after refreshing the Start menu.....	13
Subscribed applications based on commandline containing "pwrgate" did not start	13
System drive was visible to the end user despite hide drive policies.....	13
Taskbar and desktop disappeared after silent refresh of Start menu	13
The "Failed" folder in the cache filled up with retries to store failed transactions.....	14
Tooltips were not shown correctly in RES PowerFuse Management Console.....	14
TrueCrypt devices incorrectly identified as removable drives	14
U3 USB devices were not recognized by RES PowerFuse.....	14
Unexpected change of default shell when using arrow keys.....	14

Unicode characters in user names were not saved in cached credentials.....	14
User Preference files not saved correctly	14
User Preference Registry values with double back slash not saved correctly	15
Various issues with fixed drives	15
Workspace Containers: minor interface issues.....	15
XML file corrupted when using ADDTOWORKSPACE in unattended installation	15

1. What's New in this Service Release?

1.1 Enhancements

AppGuard dump extended with computer/server name

The name of the AppGuard dump (`appguarddump.txt`) has been extended with the name of the computer/server name. It now looks like `appguarddump_<computer/server name>.txt`. This file is useful for troubleshooting Security Management issues, etc.

Database performance optimized

The performance of the RES PowerFuse database has been optimized, which considerably reduces the number of database transactions performed by the RES PowerFuse cache.

Datasource description shown instead of Datasource driver

For each application, Datasources can be configured by opening the application and going to **Configuration > Datasources**. Previously, the list of Datasources showed the names of the available Datasource drivers. The list now shows the descriptions of the Datasources.

To view the description if it is longer than the listbox, hover the mouse over a specific datasource: a tooltip will appear with the full description.

Force shutdown via registry settings

It is possible to configure a registry setting that forces a shutdown on workstations when the user logs off.

This can be done by configuring the registry string `ForceShutdown` in one of the following system keys:

- `HKEY_CURRENT_USER\SOFTWARE\RES\PowerFuse`
- `HKEY_LOCAL_MACHINE\SOFTWARE\RES\Powerfuse`

The registry string `ForceShutdown` can have the following values (case insensitive):

`shutdown`: Initiates a normal shutdown.

`poweroff`: Initiates a shutdown + poweroff.

`restart`: Initiates a shutdown + restart.

Hide and Launch options for Microsoft SoftGrid applications

When configuring Microsoft SoftGrid applications, it is now possible to use the parameters `/HIDE` and `/LAUNCH` in the **Parameters** field on the **General** tab. When using these parameters, the SoftGrid launch bar will be hidden when `sftray.exe` starts up.

Instant Mail template for Internet E-mail extended with POP3 and SMTP configuration settings

The Instant Mail template for Internet E-mail has been extended with a full set of POP3 and SMTP configuration settings, such as port numbers, SSL, Secure Password Authentication, SMTP authentication, server timeout settings and delivery settings.

These new settings are available for Microsoft Outlook XP and later versions.

Modification messages about OSD files extended with "Do not show again" option

When editing Microsoft Softgrid applications, messages may be shown about modifications made to the original OSD file.

These messages have been enhanced with the option **Do not show again**.

Providing parameter values for RES Wisdom Tasks

PowerLaunch can include RES Wisdom Tasks that are executed when a user starts a RES PowerFuse session or a specific application. These RES Wisdom Tasks can contain parameters. In RES Wisdom 2009, the input method for parameter values has been improved significantly. Instead of individual prompts for each parameter, all parameters are now shown in a single table. This makes it much easier to provide the correct parameter values.

Read-Only Blanketing: Do not remove local shares

With Read-Only Blanketing in RES PowerFuse, it is possible to render all local drives on servers and desktops in the user's workspace read-only. This safeguards data against unauthorized access or modification by RES PowerFuse users and secures the user workspace against corruption and loss of information. When Read-Only Blanketing is enabled, all local shares will also be removed, to prevent users from accessing local drives from these shares.

It is now possible to control whether local shares are removed when enabling Read-Only Blanketing. This is useful if a user has valid reasons to keep a local share.

This can be done by setting the following registry value:

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

Value Name: `KeepSharesWithROB`

Value Data: `Yes`

If the value is set to "yes", local shares will not be removed.

Startup session performance improved

RES PowerFuse 2008 SR4 incorporates several performance improvements. As a result, the time to start a RES PowerFuse session has been reduced.

1.2 Fixes

Access control based on client names containing wildcards did not work

When access control for a network printer was based on a client name containing wildcards, the printer was not mapped. This has been fixed.

Advanced settings for Instant Datasource based on IBM DB2 ODBC driver were not saved

When configuring the advanced settings of an Instant Datasource based on the IBM DB2 ODBC driver, these settings were not saved. This has been fixed.

Application "Kluwer Aliment" hung when using RES PowerFuse shell

When using the RES PowerFuse shell, the application "Kluwer Aliment" often hung. This has been fixed.

Applications needed to be republished on Citrix Presentation Server 4.0 after upgrading to RES PowerFuse 2008 SR3

When applications were published using Citrix Presentation Server 4.0 and RES PowerFuse was upgraded to RES PowerFuse 2008 SR3, some published applications could not be started. As a workaround, these applications needed to be republished. This has been fixed. It is no longer necessary to republish these applications.

Applications Security events could not be authorized on application level

If an application caused an Applications Security event, this log entry was not shown in the Security Log of the application if the application's executable contained more than 15 characters. As a result, the incident could not be authorized at application level. This has been fixed.

Applications Security prevented Microsoft SoftGrid applications from accessing temporary .BAT files

Applications Security prevented Microsoft SoftGrid applications from accessing temporary .BAT files created by SoftGrid. This has been fixed.

Applications with a Pwrgate "x" commandline did not always work in RES PowerFuse 2008 SR3

Defining an application for Pwrgate "x" (for example, Pwrgate 8 for the Powerpanel) did not always work in RES PowerFuse 2008 SR3, particularly when "x" was negative (for example, Pwrgate -2 for performing a refresh of the Start menu). This has been fixed.

AutoLaunched applications not working on published desktops (passthrough sessions)

AutoLaunched applications did not work on published desktops (passthrough sessions). This has been fixed.

BSOD at startup of RES PowerFuse sessions when using McAfee VirusScan 8.5

When using McAfee VirusScan 8.5, appguard.sys, the kernel mode driver of the Security Management components in RES PowerFuse, crashed during startup of a RES PowerFuse session. This resulted in a Blue Screen (BSOD). This has been fixed.

BSOD in long-running RES PowerFuse sessions

Because of a small memory leak, netguard.sys, the kernel mode driver of the IP Connections Security component in RES PowerFuse, gradually became slower and could eventually crash when a RES PowerFuse session ran for several weeks. This resulted in a Blue Screen (BSOD). This has been fixed.

Building Blocks could not be imported if they contained Unicode characters

Importing a Building Block could fail if the Building Block contained Unicode characters. This has been fixed.

Citrix hook on Explorer.exe reset by RES Service

After installing RES PowerFuse 2008 SR3, the Citrix hook on Explorer.exe in the registry (...AppInit_DLLs\Seamless Explorer\Flag) will be reset to 0 by the RES Service. This behavior is not always desired, and can now be disabled by setting the following registry setting:

System key: HKEY_LOCAL_MACHINE\SOFTWARE\RES\PowerFuse

Value Name: ResetCitrixExplorerHook

Data Type: REG_SZ

Value Data: No

After defining or changing this setting, the RES service must be restarted.

Clipboard function did not work in RES PowerFuse sessions in Citrix XenApp environments

The clipboard function did not work when running RES PowerFuse sessions in a Citrix XenApp environment. This was caused by the RES PowerFuse Workspace Manager that stopped the wshell process during startup. This has been fixed.

Desktop and taskbar not shown when using French localized version of Microsoft Windows

In some cases, when starting a RES PowerFuse session with the Windows shell on a system using a French version of Microsoft Windows, the desktop and taskbar were not shown. This has been fixed.

Disconnect button not visible to end user on a Terminal Server

On a Terminal Server, the **Disconnect** button could not be made visible to end users. This has been fixed.

Drive mappings were not always shown correctly in Workspace Analysis Details

Drive mappings were not always shown correctly in Workspace Analysis Details in the RES PowerFuse Management Console. This has been fixed.

Environment variables replaced when editing Microsoft SoftGrid applications

When adding or editing a Microsoft SoftGrid application, and selecting the option **Store Patched OSD in RES PowerFuse database**, any environment variable used in the parameter list would be replaced by its translation. This behavior was not always correct. This has been fixed.

The new behavior is to keep any environment variable. Of course, this environment variable must exist in a RES PowerFuse session; otherwise the application will not start.

Error "Existing log not found for session:"

The error log could contain errors "Existing log not found for session:". These errors could be caused by:

- Using the button **Clear all logs now** in the RES PowerFuse Management Console at **RES PowerFuse Setup > Datastore > Maintenance**. This error occurred because **Clear all logs now** also deletes all active logs. This has been fixed. RES PowerFuse no longer deletes active logs.
- When a user had more active sessions than the specified number of Keep Powerlaunch event log in the RES PowerFuse Management Console at **Monitoring, Auditing & Alerting > Workspace Analysis**. This has been fixed.

Error in Novell DS environment

When using a Novell DS environment, the error "Automation error in module AppendUserProperties" could occur. This has been fixed.

Error "RES NetGuard Service cannot be started" after RES PowerFuse Console Only installation

After performing a Console Only installation of RES PowerFuse, an error could occur after rebooting the computer, reporting that the RES NetGuard Service, the service that takes care of IP Connections Security in RES PowerFuse, could not be started. This has been fixed.

Error when checking for license lock information

Using the button **Check license lock info** in the RES PowerFuse Management Console at **RES PowerFuse Setup > Datastore > Maintenance** resulted in an error: "PFDAL.Execute: No value given for one or more required parameters". This has been fixed.

Error when PowerZone was based on Minimum installed memory

If a PowerZone contained a PowerZone rule based on **Minimum installed memory**, and a user started a RES PowerFuse session on a computer with 4 GB or more memory, the error "fysnCheckHWReq" was reported in the error log and access to the PowerZone was denied. This has been fixed.

Error when using empty share names for PowerLaunch drive mappings

When using empty share names to configure PowerLaunch drive mappings, an error message "invalid share name" was shown. This has been fixed. If a share name is left empty, the RES PowerFuse Management Console will now automatically select the option **Do not perform mapping operation**.

Errors when adding empty group names to Access Control settings of applications

When configuring the Access Control settings of an application in the RES PowerFuse Management Console and adding groups manually, this could result in errors when group names were empty. This has been fixed.

File type extensions were published incorrectly if published applications used content redirection

If a published application used content redirection, the file type extension was published incorrectly (without a leading dot). This has been fixed.

Fixed drives were visible to the end user

Under some circumstances, RES PowerFuse would erroneously identify fixed drives as removable drives. As a result, these drives could be excluded from hide drive policies and become visible to the end user. This has been fixed.

Flickering icons on Microsoft Windows Vista

When using the Windows Shell on a Microsoft Windows Vista system, desktop icons could start to flicker. This has been fixed.

Full names in Workspace Analysis and Workspace Sessions nodes did not match

The nodes **Workspace Analysis** and **Workspace Sessions** both have a column **Full name**. However, the names shown in these two columns did not match, because Workspace Sessions actually showed the Active Directory display name. This has been fixed. Both nodes now show the full name of the user.

Group scoping or filtering did not work for Workspace Sessions list

Scopes or filters based on groups did not work for the Workspace Session List. This has been fixed.

Incorrect results for "Daily maximum users for computer" in PowerTrace viewer

The **Computer** tab of the PowerTrace Viewer sometimes showed incorrect results when viewing the **Daily maximum users for computer**, particularly if sessions had been active for more than a day. This has been fixed.

Incorrect Security Management messages on Microsoft Windows Vista

If Security Management blocked applications on systems using Microsoft Windows Vista or later, this did not always result in a (correct) message from the Windows system. This has been fixed. For clarity reasons, RES PowerFuse now always reports Security Management messages for systems using Microsoft Windows Vista or later, even if this is not configured.

Instant Logoff did not work on 64-bit systems

Instant Logoff did not function properly on 64-bit systems. This has been fixed.

Instant Mail profiles and additional mailboxes were not configured in Microsoft Outlook when virtualized using Microsoft SoftGrid

Instant Mail profiles were not always configured in virtual Microsoft Outlook applications using Microsoft SoftGrid, particularly after installing Microsoft Application Virtualization (App-V) 4.5. Another issue was that additional mailboxes were not configured. These issues have been fixed.

Instant Mail profiles could not resolve mail server when used in Microsoft SoftGrid applications

It is possible to resolve the mail server names in Instant Mail profiles using `$ADRESOLVE$`. However, this function did not work for Microsoft SoftGrid applications. This has been fixed.

Instant Mail templates for Microsoft Outlook Signatures did not work as PowerLaunch setting for Microsoft Outlook virtualized with Microsoft SoftGrid

In RES PowerFuse 2008 SR3, Instant Mail templates for Microsoft Outlook Signatures defined as PowerLaunch settings for Microsoft Outlook virtualized with Microsoft SoftGrid were not processed. This has been fixed.

Instant Mail templates were not shown when read-only

Instant Mail templates were not shown in the RES PowerFuse Management Console when the **Instant Mail** node or the RES PowerFuse Management Console was in read-only mode. This has been fixed.

List of concurrent users shown when exceeding concurrent user licenses

If an application uses concurrent user licensing and the number of licenses is exceeded, a new attempt to start the application will show a warning and a list of users currently using the application. Showing this list may conflict with organizational policies regarding security and privacy. This will be fixed in a future release of RES PowerFuse, but as a workaround the following registry value may be set, which prevents that a list of users is shown:

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

Value Name: `NoListConcurrentUsers`

Value Data: `Yes`

or

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

Value Name: `NoListConcurrentUsers`

Value Data: Yes

These registry values can also be configured as a global PowerLaunch registry setting.

Locked out user accounts not reported as locked out in RES PowerFuse Management Console

If a user account was locked out in Active Directory, this was not reflected in the RES PowerFuse Management Console. The **Locked out** status of the user account in the node **Monitoring, Auditing & Alerting** was always shown as "No". This has been fixed.

Mouse buttons could not be switched using global User Preferences

The option to swap mouse buttons could not be set via a global User Preference using the registry value

HKEY_CURRENT_USER\Control Panel\Mouse\SwapMouseButtons. This has been fixed.

MySQL compatibility issues

The following MySQL compatibility issues have been fixed:

- When using RES PowerFuse on a MySQL database, the date and time values of files were not saved correctly. Files were always saved with a time value of 00:00:00.
- To support MySQL 5.5, all database fields in the RES PowerFuse database with type BIT have been replaced by fields with type TINYINT.

Option "By default do not grant concurrent/seat license when database is not available" not applied when imported from a Building Block

When importing a Building Block, the Advanced Configuration option **By default do not grant concurrent/seat license when database is not available** was not changed, or was changed incorrectly. This has been fixed.

OSD file as Custom Resource not opened for editing

If an OSD file was configured as a Custom Resource, clicking **Edit** would start the Microsoft SoftGrid application, instead of opening the OSD file for editing. This has been fixed.

Overflow error in fdtmGetSessionIdleStartDateTime

RES PowerFuse sometimes reported an "overflow" error in module fdtmGetSessionIdleStartDateTime. This has been fixed.

PowerLaunch environment variables did not work for Citrix streaming applications

When a PowerLaunch environment variable was configured for a Citrix Streaming application, the environment variable was not set in the Citrix Streaming application when it was started in a RES PowerFuse session. This has been fixed.

PowerLaunch registry policies based on Microsoft Office 12.0 ADMX policy files were not processed correctly

PowerLaunch registry policies that were based on Microsoft Office 12.0 ADMX policy files were not processed correctly by RES PowerFuse. This has been fixed.

PowerTrace did not show online and offline status correctly

When viewing sessions in PowerTrace, the online and offline status was not shown correctly. This particularly occurred when sessions were offline due to an advanced connection state. This has been fixed.

PowerZones based on USB storage device serial numbers were slow to be resolved

PowerZones based on many USB storage device serial numbers could take some time to be resolved. This would delay the startup of a RES PowerFuse session. This has been fixed.

Printer name not shown when adding network printer connection

When adding a network printer connection in the **Network Printers** node of the RES PowerFuse Management Console and browsing through the available network printers, the Printer name was not shown in the **Add connection to network printer** window. This has been fixed.

Pwr64.exe crashed at logoff on a Microsoft Windows 2008 64-bit machine

During logoff on a Microsoft Windows 2008 64-bit machine, pwr64.exe could crash. This has been fixed.

Pwrsync did not work correctly

Pwrsync was unable to update the file that records the last synchronization date, when users did not have write permissions to the folder in which it was located. This has been fixed.

RES PowerFuse components crashed when connecting to Oracle 9i database

When connecting to an Oracle 9i database, various RES PowerFuse components crashed, such as the RES PowerFuse Management Console and the PowerTrace Viewer. This has been fixed.

RES PowerFuse datastores could not be created on Microsoft SQL servers using case-sensitive collation

It was not possible to create RES PowerFuse datastores on Microsoft SQL servers if they used case-sensitive collation. This has been fixed.

RES PowerFuse sessions froze with error "This array is fixed or temporarily locked"

RES PowerFuse sessions could freeze with errors like "This array is fixed or temporarily locked". This has been fixed.

Restart and Install updates and shutdown not working on Microsoft Windows Vista systems

If the Windows Shell was used in a RES PowerFuse session on a Microsoft Windows Vista system, **Restart** and **Install updates and shutdown** did not work. This has been fixed.

However, this fix does not work if PowerLaunch external tasks have been configured that are executed at logoff. In that case, RES Software advises switching from the Windows Shell to the RES PowerFuse Shell.

Screensaver timeout settings could not be changed in PowerPanel

In some cases, it was not possible for end users to change their screensaver timeout settings in the PowerPanel. This has been fixed.

Security Management did not log events caused by Microsoft SoftGrid applications

When a Microsoft SoftGrid application caused one or more security events in RES PowerFuse, these were not logged by Security Management. This particularly occurred in Console Only installations of RES PowerFuse. This has been fixed.

Security Management logged many security events when browsing folders containing executable files on Microsoft Windows Vista

In a RES PowerFuse session running on Microsoft Windows Vista, Applications Security and Files and Folders Security would log many security events (access denied) when using Windows Explorer to browse through folders containing executable files. This has been fixed.

Slow enumeration of PowerLaunch Network Printers

Enumerating PowerLaunch network printers in the RES PowerFuse Management Console could take some time if the **Network Printers** node contained a large number of network printers. This process has been improved, so the list of network printers will now be generated much faster. This also applies when viewing the list of network printers in the Workspace Analysis Details view of a specific user. This has been fixed.

Slow startup of RES PowerFuse sessions after unattended installation

After an unattended installation of RES PowerFuse, RES PowerFuse did not force to load the cache before the system restarted. As a result, it could take some time to start a RES PowerFuse session. This has been fixed. RES PowerFuse now forces to load the cache before the system restarts.

Slow startup of RES PowerFuse sessions when using large registry files in PowerLaunch settings and User Preferences

When large registry files were used in PowerLaunch settings and User Preferences, starting a RES PowerFuse session could take a long time. This has been fixed.

Microsoft SoftGrid application icons were not saved

If a Microsoft SoftGrid application was added with the Add Application Wizard, the icon was not saved. This happened if the icon was in a subfolder within the SoftGrid content folder. This has been fixed.

Microsoft SoftGrid applications failed to start if temporary files path contained spaces

Microsoft SoftGrid applications failed to start if the path to the temporary files contained one or more spaces. This has been fixed.

Microsoft SoftGrid applications no longer working after upgrading to Microsoft Application Virtualization 4.5

After upgrading to Microsoft Application Virtualization (App-V) 4.5, the path to sftray.exe has changed. As a result, Microsoft SoftGrid applications no longer work.

One way to fix this is to change the sftray.exe path in the RES PowerFuse Management Console.

However, the RES PowerFuse Workspace Manager will now also attempt to find the correct path to sftray.exe. This is very useful in environments that mix older Microsoft SoftGrid versions and Microsoft Application Virtualization 4.5.

Microsoft SoftGrid ("Q") drive erroneously seen as removable

After a new installation of Microsoft Application Virtualization 4.5, the Microsoft SoftGrid drive (usually Q:) was erroneously seen as a removable drive. As a result, this drive

could be excluded from hide drive policies and become visible to the end user. This has been fixed. The Q: drive will no longer be identified as a removable drive.

Sort order of Citrix servers in wizard incorrect

In the RES PowerFuse Management Console, Citrix servers can be added to or removed from applications, using a wizard. The list of Citrix servers in this wizard was unsorted. This has been fixed.

Sorting columns did not work correctly in Workspace Sessions node

Sorting the columns **Started at** and **Refreshed at** in the **Workspace Sessions** node did not work properly. This happened if the local Date/Time format yielded dates or times without a leading zero (for example, the Month April is shown as "4" instead of "04"). This has been fixed.

Start button remained visible during a logoff or shutdown

When using the Windows Shell in a RES PowerFuse session on a Microsoft Windows Vista system, the Start button remained visible during a logoff or shutdown. This has been fixed.

Strange Start menu icon appeared on the desktop after refreshing the Start menu

When using the Windows Shell combined with the "classic Start menu" on Vista, a strange Start menu icon appeared on the desktop after the Start menu was refreshed. This has been fixed.

Subscribed applications based on commandline containing "pwrgate" did not start

Subscribed applications based on a commandline containing "pwrgate <appid>" did not start. This has been fixed.

System drive was visible to the end user despite hide drive policies

Sometimes the RES PowerFuse Management Console identified the system drive as a removable drive. As a result, the system drive could become visible to the end user, depending on the configured hide drive policies. This has been fixed.

Taskbar and desktop disappeared after silent refresh of Start menu

If a PowerZone is based on the serial number of a USB device and this device is inserted or removed from a computer, the Start menu will be refreshed in silent mode (the splash screen will not be shown). This did not work correctly: although the splash screen was not shown, the taskbar and desktop disappeared temporarily.

This has been fixed. Note that in the RES PowerFuse shell, the taskbar will still disappear for a short moment, which is intended behavior.

The "Failed" folder in the cache filled up with retries to store failed transactions

When a transaction fails, RES PowerFuse creates an error log. However, if this transaction failed too, for example due to a lack of disk space, another error log would be created. This would also fail for the same reason, and so on. As a result, the **Failed** folder in the cache filled up with endless retries to store failed transactions. This has been fixed.

Tooltips were not shown correctly in RES PowerFuse Management Console

In the RES PowerFuse Management Console, the tooltip text for certain nodes (e.g the node **Desktop Management > Lockdown > Start Menu and Taskbar**) did not fit in the relevant text boxes. As a result, these tooltips were not shown correctly.

This has been fixed: the size of the text boxes has been enlarged to fit the contents of the tooltips.

TrueCrypt devices incorrectly identified as removable drives

TrueCrypt devices were incorrectly identified as removable drives. This has been fixed.

U3 USB devices were not recognized by RES PowerFuse

U3 USB devices were not always recognized by RES PowerFuse. This could happen if the data part of the U3 device was password-protected and the user was NOT a member of the "local administrators" security group.

This has been fixed.

Unexpected change of default shell when using arrow keys

When adding or deleting exceptions to the default shell in the RES PowerFuse Management Console, the use of the left or right arrow key could result in an unexpected change of the default shell setting. This has been fixed.

Unicode characters in user names were not saved in cached credentials

If a user name contained a unicode character (such as ö) this was not saved correctly in the cached credentials. This particularly occurred on laptops working in offline mode. This has been fixed.

User Preference files not saved correctly

Sometimes, large User Preference files were not saved correctly, particularly if the user preference was located on a network share. This has been fixed.

User Preference Registry values with double back slash not saved correctly

When saving User Preferences, Registry values with a double back slash (\\) were not saved correctly. As a result, one back slash would be missing after a reload. This has been fixed.

Various issues with fixed drives

When a user started a RES PowerFuse session, the list of fixed drives was read only once, during startup of the session. As a result, various issues could occur:

- Fixed drives were incorrectly identified as removable, and therefore shown to the end user.
- PowerZones based on USB storage device serial numbers did not work.
- Etc.

This has been fixed.. The list of fixed drives will now be refreshed upon every device change.

Workspace Containers: minor interface issues

The check box **Include all computers** would appear in the middle of the screen if **Computer Control** was opened by a user with read-only access to the **Workspace Containers** node. This check box should not be available in a read-only view. This has been fixed.

Also, updating the list of computers could become too slow if there were many computers. This has been fixed.

XML file corrupted when using ADDTOWORKSPACE in unattended installation

When installing RES PowerFuse unattended and the MSI parameter ADDTOWORKSPACE was used, the XML file related the RES PowerFuse Agents could get corrupted when it was saved in the database. This particularly occurred when using an Oracle database. 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.