

RES PowerFuse 2010 SR3

# Release Notes



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# 1. Important Changes

## MyWorkspace Edition functionality expanded

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The MyWorkspace edition of RES PowerFuse now also includes the following functions that were previously only available in other editions of RES PowerFuse:

- Folder Synchronization
- Data Sources
- Web Portal Integration
- Instant Reports

## Support for RES Automation Manager 2011

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RES PowerFuse is now fully compatible with RES Automation Manager 2011.

## 2. Enhancements

### Active Directory: Full support for Unicode characters

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All Active Directory fields which are saved in the cached credentials file now fully support Unicode characters. E.g. a field like 'city=Trøndheim' will now properly be stored and retrieved from the cached credentials file. This enhances the \$ADINFO() function in offline environments.

### Building Blocks: Deselect individual User Settings when importing Building Block containing global User Settings

---

When importing a Building Block containing global User Settings, it is now possible to select or deselect the individual User Settings to be imported.

### Locations and Devices: Minimum Screen Resolution rule extended

---

At **Context > Locations and Devices** the Zone rule **Hardware Requirement > Minimum Screen Resolution** has been extended with the following resolutions:

- 1280x800
- 1366x768
- 1440x900
- 1600x900
- 1680x1050

### Printers: Refresh printers when network connectivity changes

---

**Composition > Printers** has been enhanced with a **Refresh printers when network connectivity changes** option. This will help workstations and laptops to automatically reconnect printers when switching from offline network connection to online. To work properly, the checkbox **Do not refresh Workspace when network connectivity changes** at **Composition > Desktop > Lockdown and Behavior** must be unchecked.

### User Settings: Prefetch User Settings

---

It is now possible to change the behavior of the timing of loading User Settings for applications. At **Composition > User Settings** two options are available for prefetching User Settings:

- **Prefetch in background, check on application start:** this is the default behavior. The User Settings for applications are loaded in the background during session startup. (This matches the behavior of previous RES PowerFuse versions)
- **Load on application start (requires managed shortcut):** the User Settings are not loaded during session startup, only the first time an application starts its User Settings will be loaded.

## Workspace Preferences: Limit number of selectable wallpapers

---

At **Composition > Desktop > Lockdown and Behavior** an option **Limit "Change Desktop Picture" to pre-configured wallpapers** is now available. With this option you limit the **Change Background** function in **Workspace Preferences** to a preconfigured list of wallpapers.

## 3. Fixes

### Access Control based on OU membership not functional with advanced Connection State

---

If an Advanced Connection State was configured (and satisfied), but the Active Directory not properly reachable, the RES PowerFuse session would resolve missing group membership from the cached credentials, but not the user's AD path (LDAP information). As a result, access based on OU membership would not work properly. This has been fixed.

### Agents: Unable to remove Agents

---

In some situations the **Are you sure you want to remove ...** and **'Yes'/'No'** buttons were outside the screen if you tried to remove an Agent. This has been fixed.

### Agents Overview: Missing version and connection information

---

In rare occasions **Diagnostics > Agents Overview** did not display version information and connection information for some Agents. This has been fixed.

### Application Actions: Actions sometimes not executed

---

If a Managed Application was configured with `%programfile%\res powerfuse\pwrgate.exe` in combination with an application ID or GUID as parameter, the Actions for that application were not executed. This has been fixed.

### Application Virtualization: Environment variables not removed correctly

---

Composed environment variables for ThinApp or Citrix Streaming applications were not properly removed. Under some circumstances this could cause problems when starting a subsequent ThinApp or Citrix Streaming application. This has been fixed.

### Audit Trail: Audit Trail for Managed Applications incomplete

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If an object for a Managed Application, such as an environment variable, was edited the Audit Trail for that object was updated but not for the changed Managed Application. This has been fixed.

### Autodesk AutoCAD 2010 taskbar icon flickers

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The Autodesk AutoCAD 2010 taskbar icon flickered. This has been fixed.

### Building Blocks: Importing Building Block issues

---

If a Building Block was imported by a user with an Administrative Role that has limited access, all disallowed nodes were shown with **insufficient privileges**. The node name was not shown, however. This has been fixed.

## Building Blocks: Importing Building Blocks containing linked User Settings does not show source application

---

If a Building Block was imported that contained Managed Applications with linked User Settings, the source application of which the User Settings were linked was not shown in the list of objects to be imported. This has been fixed.

## Building Blocks: Impossible to switch between merge and overwrite when importing Building Blocks

---

When importing a Building Block containing Composition > User Settings, it was not possible to choose between **merge..** and **overwrite...** The latter was selected by default, but in fact a **merge** was performed. Both issues have been fixed.

## Building Blocks: Issues with linked User Settings

---

If a Building Block was created from applications which had linked User Settings, these applications could occur more than once in the Building Block. As a result these User Settings were not correctly restored when importing that Building Block; Targeted Items could be missing, or a wrong GUID for the Targeted Items could be created. This has been fixed.

## Building Blocks: Publishing an application that is imported with a Building Block republishes all applications in the same menu

---

When importing a Building Block containing an application that had to be published, it was possible that all other applications within the same menu were also (re)published. This has been fixed.

## Building Blocks: User Home Directory / User profile Directory folder structure ignored

---

When importing Building Blocks for **Composition > Files and Folders > User Home Directory** and **Composition > Files and Folders > User Profile Directory** and both sections had the same folder structure for their resources, only the folder structure for the first imported Building Blocks was created. The second folder structure was ignored. As a result, either **Composition > Files and Folders > User Home Directory** or **Composition > Files and Folders > User Profile Directory** didn't get its folder structure imported. This has been fixed.

## Building Blocks: Workspace Analysis data not imported in specific Workspace

---

If a Building Block was imported, and a Workspace was selected in which to import the Building Block, Workspace Analysis information was not imported. This has been fixed. Note that Workspace Analysis does not have workspace exceptions, so the data should always be imported.

## Capicom.dll was always registered

---

Capicom.dll was always registered during an installation of RES PowerFuse, even if a valid capicom.dll was already registered. This has been fixed.

## Citrix XenApp Publishing: "Create a published application for the RES PowerFuse desktop" uses "pwrstart.exe"

---

Setup > Integration > Application Virtualization > Citrix XenApp Publishing > Create a published application for the RES PowerFuse desktop still used `pwrstart.exe` in its command line. This has been changed to `pfwsmgr.exe`.

To revert to the previous behavior, configure the following registry key:

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse
Value (String)	CTX_PFDesktopUsesPwrstart
Data	yes

## Citrix XenApp Publishing: "Do not suppress message from ICA Seamless Host Agent" does not work

---

At Setup > Integration > Citrix XenApp Publishing > Properties the setting Do not suppress message from ICA Seamless Host Agent did not work. This has been fixed.

## Citrix XenApp Publishing: Empty list of users with access to published application

---

The OU access info for Published Applications was not always updated correctly by the RES PowerFuse Agent Service. This resulted in the list of users with access to the published application to appear empty. This has been fixed.

## Citrix XenApp Publishing: Publishing fails with "%\*"

---

RES PowerFuse by default publishes applications with a parameter list shaped like `%*`. Under specific circumstances this might fail. Citrix then advises to use a parameter list shaped like `%**`. To achieve this, set the following registry key:

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse
Value (REG_SZ)	CTX_PublishAppCmdLineFlag
Data	yes

## Citrix XenApp publishing: Unable to resolve farm name

---

By default an application is started with `PNagent.exe /QLAUNCH <farmname>:<application name>`. The farm name is saved with the application when configuring the application in the RES PowerFuse Management Console

If you are using Citrix XenApp 6, it might be necessary to enter a farm name manually since with XenApp 6 the RES PowerFuse Service resolves the farm name, and this is only possible if the RES PowerFuse Service is started with an administrator account, instead of a Local System Account.

The farm name can be configured with the following registry setting:

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse
Value (String)	CTX_PNLaunchUsesFarmName
Data	- / no / "farmname"

- If no value is entered the application will use the default farm name.
- If the value `no` is entered, no farm name will be used. The application is started with `PNagent.exe /QLAUNCH <application name>`
- If a `farmname` value is entered, this farm name will be used.

## Citrix XenApp Publishing: Unable to start Passthrough application by double clicking file

---

If an application was published with Instant Passthrough and `pnagent.exe` as passthrough method, starting the published application by double clicking a file did not always work because the parameter was not passed to `pnagent.exe` with `/param:<filename>`. This has been fixed.

## Citrix XenApp Publishing: Unable to start published application with pnagent.exe

---

If an application was published with Instant Passthrough and `pnagent.exe` as passthrough method, starting the published application did not always work. A **the requested resource has been removed from the server** error message could be displayed. This has been fixed.

## Citrix XenDesktop: Starting ThinApp application results in error

---

Starting a ThinApp application on a XenDesktop environment could result in a runtime error generated by `picasvc.exe`.

This behavior can be blocked by setting the following registry:

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse
Value (REG_SZ)	BlockPicaSvcFix
Data	yes



Example 2:

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse
Value (string)	ExcludeProcesses
Data	abc.exe

Example 3:

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse
Value (string)	ExcludeProcesses
Data	dfsvc.exe   aaa.exe, abc.exe, test.exe   xyz.exe

---

### Drive and Port Mappings: Drive Mappings do not work if password contains special characters

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Mapping a drive at **Composition > Files and Folders > Drive and Port Mappings** did not work properly if a username/password was supplied, and the password contained special characters (such as an 'ö' or 'Ç'). This has been fixed.

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### Drive and Port Mappings: Volume label is not set correctly on FAT drives

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The friendly name for drive letters on FAT volumes was not correctly set. To resolve this, the friendly name is now forced to uppercase and a maximum of 12 characters.

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### E-Mail Templates: Additional Mailboxes appear as Microsoft Exchange Message Store

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Additional mailboxes configured in E-mail Templates could appear as **Microsoft Exchange Message Store** in Microsoft Outlook. This has been fixed.

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### E-Mail Templates: Templates not applied to Microsoft Outlook 2010 in a Microsoft App-V environment

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E-Mail Templates were not applied to Microsoft Outlook 2010 in a Microsoft App-V environment. This has been fixed.

---

### Error message: "Error (9) Subscript out of range" displayed in Error Log

---

In rare circumstances the following error could be displayed in the RES PowerFuse Error Log:

Process	pfwsmgr.exe
Procedure	sharedUserPreferences.CompactZPSettings at line 170
Error #	9
Error description	Subscript out of range

This has been fixed.

## Error message: "Error (53) File not found: resfunc.dll" displayed in Error Log

---

In rare circumstances the following error could be displayed in the RES PowerFuse Error Log:

Process	pfwsmgr.exe
Procedure	modShellLink.SetLinkAppUserModelID at line 30
Error #	53
Error description	File not found: resfunc.dll

This has been fixed.

## Error message: "Error (70) Permission denied" displayed in Error Log

---

The following error could be displayed in the RES PowerFuse Error Log if User Settings were set to **Track any setting changed by application immediately**:

Process	pwrgrid.exe
Procedure	SharedUserPreferences.fysnProcessFileAndFoldersFromTransaction
Error #	70
Error description	Permission denied

This has been fixed.

## Error message: "Error (70) Permission denied" results in incomplete Group information

---

The following error message could be displayed, resulting in incomplete Group information for the current user was incomplete, and the user could be denied access to the console.

Procedure	clsDSInstance.EnumADGroups
Error #	70
Error description	Permission denied

This has been fixed.

## Error message: "Error (457) This key is already associated with the collection

---

If **Setup > Integration > Remote Assistance** was used, it was possible that the error log contained several errors;

Procedure	modPwrCache.checkMSRemoteAssistance
Error #	457
Error description	This key is already associated with the collection

This has been fixed.

## Error message: "Error (20105) IPDeamon is already listening Process" displayed in Error Log

---

In rare circumstances the following error could be displayed in the RES PowerFuse Error Log:

Process	res.exe
Procedure	frmMain.tmrStart_Timer
Error #	20105
Error description	IPDeamon is already listening Process

This has been fixed.

## Error message: Event ID 1517 "Windows saved user Domain\User registry while an application or service was still using the registry during log off".

---

Logging off from a RES PowerFuse session could result in Event ID 1517 "Windows saved user Domain\User registry while an application or service was still using the registry during log off". This has been fixed.

## Error messages with RES PowerFuse Shell in a multi-monitor environment

---

In a multi monitor environment, starting a PowerFuse session with the PowerFuse shell could produce one of the following errors:

Process	pwrdesk.exe
Error #	401
Error description	Can `t show non-modal form When modal form is displayed

Process	pwrdesk.exe
Error #	9
Error description	Error 9 subscript out of range

These have been fixed.

## Files and Folders Security: UNC paths not always correctly blocked

---

Files and Folders Security did not always function correctly if UNC paths were used. This has been fixed.

## File Types disappear unexpectedly when deleting a Managed Application

---

File Types could disappear unexpectedly whenever a Managed Application was deleted from the RES PowerFuse Management Console.

## File Types: Time needed for composing File Types has been reduced

---

The time needed to perform **Composing File Types** when starting a RES PowerFuse session has been reduced for environments with many applications.

## Helios application does not run properly in RES PowerFuse shell

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The Helios application did not run properly in RES PowerFuse shell. This has been fixed.

## Impossible to import Datastore Connection String

---

When exporting the datastore connection string to the clipboard, an extra <carriage return> could be added. This prevented properly importing the string from the clipboard into the DHCP configuration utility on a DHCP server. This has been fixed.

## Java applications were not correctly restored

---

In a RES PowerFuse session running the RES PowerFuse shell, some Java based applications were not properly restored if they had been minimized on the taskbar. This has been fixed.

## Locations and Devices: Checking show associated objects results in corrupt context menu

---

If **Show associated applications and other objects** was checked at **Context > Locations and Devices**, clicking a referenced object (e.g. an environment variable) resulted in the object being opened correctly, but the objects context menu being displayed incorrectly. Also it could take a long time to open the object in the edit window. This has been fixed.

## Log Service Logcil 2 does not run properly in RES PowerFuse shell

---

The Log Service Logcil 2 application did not run properly in RES PowerFuse shell. This has been fixed.

## Loss of all RES PowerFuse settings due to corrupt registry setting

---

Under rare circumstances all RES PowerFuse settings in the cache could seem to disappear. This was caused by a disappearing `HKEY_LOCAL_MACHINE\Software\Policies\RES` registry key. This has been fixed. The key is now automatically completely rebuilt in such an occasion.

## Managed Applications: "%1" in command line results in unpredictable behavior

---

If an application was added with the command line "%1", The file type `.exe` was automatically associated with this application. This could result in strange side effects in a RES PowerFuse session, such as double clicking on a `.exe` file no longer resulting in starting that application. This has been fixed.

## Managed Applications: Importing applications on x64 systems issues

---

On x64 operating systems importing applications via **Composition > Applications > Managed Applications > Add > Import** could fail or result in applications having incorrect or no icons. This has been fixed.

## Managed Applications: Low resolution icons for native x64 applications

---

Native 64 bit applications could be displayed with low resolution icons in RES PowerFuse. This has been fixed.

## Managed Applications: Maximum number of instances not maintained correctly

---

**Composition > Applications > Managed Applications > Properties > Settings > Maximum instances** was not always maintained correctly. This has been fixed.

## Managed Applications: Replacing folder names with environment variables issues

---

When editing an application, it is possible to right-click in the command line to replace the folder names with corresponding environment variables. This replacement did not always work correctly. This has been fixed.

## Managed Applications: Sub processes handled incorrectly in Memory Optimization and Usage Tracking

---

Applications with multiple sub processes (e.g. Microsoft Internet Explorer 8) were handled incorrectly in Memory Optimization and Usage Tracking. This has been fixed.

## Managed Applications: The application 'CaseWare' does not run properly when using the RES PowerFuse Shell.

---

The application 'CaseWare' did not run properly when using the RES PowerFuse Shell. This has been fixed.

## Microsoft Office: Opening UNC path results in error

---

Opening an UNC path from a Microsoft Office Application (e.g. e-mail in Microsoft Outlook) could result in an error message if the RES PowerFuse shell was used. This has been fixed.

## Microsoft Office: Some ADMX policies unusable

---

Some Microsoft Office 2010 policy settings could not be configured via ADMX files due to the absence of a `valueName` inside the ADMX policy configuration. This has been fixed.

## Microsoft Office: Some Microsoft Office applications displayed with low resolution icons

---

The following Microsoft Office 2003/2007/2010 applications were sometimes displayed with low resolution icons:

Microsoft Excel, Microsoft InfoPath and Microsoft Outlook. This has been fixed.

## Microsoft Outlook attachments not correctly blocked by AppGuard

---

Attachments that were opened from Outlook.exe were not always blocked correctly by AppGuard. This has been fixed.

## Microsoft Outlook: Maximum instances issues

---

If the application outlook.exe was configured with maximum instances = 1 at **Composition > Applications > Managed Applications > Properties > Settings > Maximum instances** the following issues could arise:

- It was not possible to open an .msg file via double-click if Microsoft Outlook was already running.
- Unmanaged attachments opened by Microsoft Outlook prevented Microsoft Outlook to be re-opened after it was closed.

These issues have been fixed.

## Microsoft Visio: Incorrect icon for .vsd files

---

.vsd files were displayed with the pwrgate.exe icon if Microsoft Visio Viewer was defined as a Managed Application in RES PowerFuse. This has been fixed.

## Microsoft Word: Unable to open file

---

If a Microsoft Word document had a long file name (>80 characters) and the file name or path contained Unicode characters, it was not possible to open it. A syntax error would be displayed. This has been fixed.

## Microsoft Word: WinWord does not start properly with "Reference Manager" plugin

---

WinWord did not start properly if the "Reference Manager" plugin was used.

This can be solved by setting the following registry value.

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse
Value (string)	KeepTmpDDEMacros
Data	yes

## Nested Zones calculated incorrectly

---

In an environment with several nested Zones (Locations and Devices), the resulting set of Zones in a session were sometimes not calculated correctly. As a result the session would have the wrong Zones. This has been fixed.

## New application message wrongfully displayed

---

In certain circumstances such as online/offline state users could be presented with repeating **new application available** messages. This has been fixed.

## Pexplorer.exe opens incorrect folder

---

If an application was configured to start the explorer directly in a folder and `pexplorer.exe` was used in the command line in combination with a parameter containing the folder to start in (e.g. `c:\temp`), the application would start an explorer but not in the correct folder. This has been fixed.

## Printers: Asynchronously connected printers unavailable in subscribed session

---

In a subscribed session, printers that were connected asynchronously were not always available. This has been fixed.

## Printers: Local printer set as default not saved with mandatory profile

---

If a user had set a local printer as default printer and mandatory profiles were used, this default printer was not saved and was no longer default after a new logon. This has been fixed.

## Printers: No default printer after change of connectivity

---

After a refresh of the user's session due to a change of connectivity, the default printer could be lost. This has been fixed.

## Printers: "No default printer selected" message wrongfully displayed

---

If Network printers including the user's default printer have been setup to connect asynchronously (**wait for task to finish** is NOT selected) and connecting the printer took some time, it was possible that a **no default printer selected** message is shown if the session had autolaunch application(s) during startup. This has been fixed.

## Printing Preferences: Default printer field cleared when connecting new printer

---

If a user connected to a new printer in Printing Preferences (basic mode), the current default printer field would be cleared. This has been fixed.

## Publishing an application via RES PowerFuse results in the PN root folder preceded by "\".

---

If you published an application via RES PowerFuse the PN root folder name was always preceded by a backslash "\".

This "\" will not appear if the following registry entry is set:

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse
Value (REG_SZ)	NoPrecedingSlashInPNFolder
Data	yes

## Remote Assistance not always functioning correctly in desktop environments

---

In some desktop environments (especially with virtual desktops) Remote Assistance did not always work properly. The connection was not established. This has been fixed.

## Remote Assistance: TSClient is connected instead of virtual machine on VMWare View

---

If **Diagnostics > User Sessions > Offer remote assistance to** was used to a VMWare View VDI machine, the TSClient was connected instead of the virtual machine. This has been fixed.

## RES PowerFuse Console startup time reduced

---

The time needed to start the RES PowerFuse Console in environments with many applications has been reduced.

## RES PowerFuse Management Console: Issues if the Management Console is run outside of a RES PowerFuse Session

---

If the RES PowerFuse Management Console was run outside of a RES PowerFuse session, combined with a mandatory profile, the following issues could occur:

- User Settings Templates were not available
- Desktop Sampler files (\*.DTS) could not be read in the Workspace Designer

These issues have been fixed.

## RES PowerFuse screen saver not active on Microsoft Windows 2008 R2

---

The RES PowerFuse screensaver did not become active on Microsoft Windows 2008 R2 systems. This has been fixed.

## Security event notifications not disabled

---

On Microsoft Windows Vista and higher the user could wrongfully receive warnings about blocked files if the checkbox **Notify user about security events** was unchecked. This has been fixed.

## Setting application access to OU Membership in the RES PowerFuse Management Console causes the server to hang

---

Switching application access to OU Membership in the RES PowerFuse Management Console could cause the server/session to hang.

This issue only occurred when using all of the following;

- A VMWare Infrastructure Client
- A Windows 2008 R2 Server.
- The SVGA driver delivered with VMWare Tools.

Also see <http://teamedl.com/165/windows-2008-r2-and-windows-7-freeze-on-vmware-vsphere-4/>

This has been fixed.

## Starting the RES PowerFuse Management Console slow

---

If a Scope limits access based on Group membership, starting the RES PowerFuse Management Console could be slow. This has been fixed.

## Subscribed tasks not always visible after reconnecting

---

In XenDesktop environments, subscribed tasks were not always properly shown after a user had 'roamed' (disconnect and reconnect) to another desktop. This has been fixed.

## Tasks to be run at logoff unable to distinguish between restart and shutdown

---

If a user had configured an External Command or a Folder Synchronization task to be run at logoff, it was not possible to distinguish between a 'restart system' and a 'shutdown' on Microsoft Windows Vista or Microsoft Windows 7. This has been fixed.

## Unable to open .zip files from Microsoft Internet Explorer

---

Opening .zip files directly from Microsoft Internet Explorer could result in a **file cannot be found** message. This issue occurred in the RES PowerFuse Shell only. This has been fixed.

## Unable to open UNC paths from e-mail messages

---

In rare circumstances it was not possible to open UNC paths in the RES PowerFuse Shell from within another application (e.g. Microsoft Outlook). Setting the following registry entry solves the problem:

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse
Value (string)	StartHiddenPexplorer
Data	Yes

## User Installed Applications: Shortcut could be wrongfully removed

---

Although a User Installed application was setup in a manner that other users could see and start the application, but were not allowed to change the shortcuts, it was possible with that another user could remove a shortcut from that application using Workspace Preferences. This has been fixed.

## User Registry Actions: Registry item name overwritten by "Trace registry changes" option

---

When adding a User Registry Action to a Managed Application, it is possible to use **Trace Registry Changes** to track specific registry settings for that application. After adding such traced registry settings, the name of the registry item would be overwritten with the name of the added registry key. This has been fixed.

## User Sessions: Enumerating slow with 1000+ active session

---

Enumerating user sessions at **Diagnostics > User Sessions** was slow when there were many (1000+) active user sessions. This has been fixed.

## User Settings: \*.UPF2 / \*.UPR2 files could become unnecessary large

---

Since Excluded Items were not removed from \*.UPF2 / \*.UPR2 files, these files could grow unnecessary large. This has been fixed.

## User Settings: Additional input languages can be set unexpectedly

---

If the registry key `HKEY_CURRENT_USER\Control Panel\Keyboard` is restored via User Settings an extra input language could be set unexpectedly. This has been fixed.

## User Settings: Binary registry values not saved correctly

---

User Settings containing binary registry values that were saved in **Track any changed setting within scope immediately / Track any setting changed by application immediately** were not saved properly in the User Settings file. This has been fixed.

## User Settings: Not all applications visible in Workspace Preferences restore list

---

The applications list of the **Restore User Settings** section in **Workspace Preferences** did not always list all applications that were configured to save User Settings. This has been fixed.

## User Settings: Number of sessions stored in \*.UPF2 files higher than configured number of sessions to keep

---

The number of sessions stored in \*.UPF2 files could become much higher than the configured **Number of sessions to keep**, that is configurable if users are allowed to restore their own settings. This has been fixed.

## User Settings: 'Please specify Targeted Items' message box wrongfully displayed

---

The message box **Please specify Targeted Items** appeared if your Zero Profile mode was **Track specified settings ...** This has been fixed. It will now only appear if you have checked **Capture targeted items once, than track further changes** in addition.

## User Settings: Processing of User Settings files slow

---

The processing of user setting files (\*.UPR(2), \*.UPF(2)) was relatively slow. This has been fixed. Times to load, save or compact these files have been considerably reduced.

## User Settings: Restore function in Workspace Preferences did not always function correctly

---

The **restore** function in **Workspace Preferences** did not always properly restore User Settings. Newly added items that should not be included in the restored User Setting should be deleted. This was not done properly, however. This has been fixed.

## User Settings: Slow mouse pointer in Citrix sessions

---

Restoring `HKEY_CURRENT_USER\Control Panel\Desktop` via User Settings could result in a very slow moving mouse pointer in Citrix sessions. This has been fixed.

---

## User Settings: Targeted Items disappear

---

If a Building Block was made from an application containing User Settings with Targeted items, the targeted item(s) would get a new GUID when the Building Block was imported. This could cause existing User Settings to be lost. This has been fixed.

## User Settings: Unable to save 'High Contrast' color scheme on x64 systems

---

It was not possible to save "High Contrast" color schemes via User Settings on 64 bit systems. This has been fixed.

## User Settings: Unable to save "pinned to Start Menu" items

---

It was not possible to save **pinned to Start Menu** items using User Settings. This has been fixed.

You can now use the registry key:

- HKEY\_CURRENT\_USER\Software\Microsoft\Windows\CurrentVersion\Explorer\StartPage2  
in combination with the folder:
- %APPDATA%\Microsoft\Internet Explorer\Quick Launch\User Pinned\StartMenu

in User Settings to save the **pinned to Start Menu** items on Microsoft Windows 7 and Windows 2008 R2.

## User Settings: "Undo restore" appears twice in Workspace Preferences

---

If a user restored a User Setting using the **Workspace Preferences** tool, the option to **Undo restore** would be displayed twice. This has been fixed.

## User Settings: User Settings for ThinApp applications not properly restored

---

User Settings for ThinApp applications were not properly restored. This has been fixed.

## User Settings: User Settings not displayed as enabled after upgrade

---

After an upgrade from RES PowerFuse 2008, User Settings belonging to an application were not shown as 'enabled'. This was only a visual issue; the Workspace Composer would properly handle the User Setting. This has been fixed.

## Workspace Analysis: Disabled users are not displayed correctly

---

**Diagnostics > Workspace Analysis** did not display a disabled user with a dimmed / greyed out icon. Also a configured attention flag for disabled users was not displayed. This has been fixed.

## Workspace Analysis: Incomplete context menu at User Sessions section of Workspace Analysis Details

---

The context menu of the section **Diagnostics > User Sessions** within **Diagnostics > Workspace Analysis > Workspace Analysis Details** (e.g. options **remote control**, **send message to**) was incomplete. This has been fixed.

## Workspace Analysis: Number of kept event logs incorrect

---

The number of user event logs to keep that can be configured at **Diagnostics > Workspace Analysis > Properties** was not always saved correctly. This has been fixed.

## Workspace Analysis: User Settings extracted to wrong location

---

If User Settings were extracted from **Workspace Analysis (user) > User Settings > View Stored User Settings**, they were not always extracted to the specified location. This has been fixed.

## Workspace Analysis: View stored User Settings processed incorrectly

---

If an administrator clicks **View Stored User Settings** at **Diagnostics > Workspace Analysis > <user>**, the Management Console needs to access the user's home drive. This procedure was processed in the wrong order. It has now been reconfigured in the following order:

1. Can the home drive be found in Active Directory? If so, use that location.
2. Can the home drive be found in Drive Mappings and Substitutes? If so, use that location.
3. If still not found use the current home drive and find a similar one for the actual user.

## Workspace Composer: Desktop icon position not retained on x64 Operating Systems

---

On 64 bit Microsoft Windows Vista and higher operating systems the position of Desktop Icons was not always retained between sessions. This has been fixed.

## Workspace Composer: Empty "Startup" folder wrongfully displayed in Start Menu

---

An empty **Startup** folder could be displayed in the user's Start Menu if the Microsoft Windows shell was used. This has been fixed.

## Workspace Composer: Incorrect LCID environment variable

---

If a user's home drive was set by a Drive Mapping or a Drive Substitute during startup of the Workspace Composer, the environment variable LCID might not have been set correctly. This has been fixed.

## Workspace Composer: Items in the "Startup" folder executed twice

---

If a RES PowerFuse session was started and **Windows Shell shortcut creation** at **Composition > Applications > Managed Applications > Properties >** was set to **Merge with unmanaged shortcuts** in combination with the Microsoft Windows shell, all items in the common Startup folder in the Start Menu would be executed twice. This has been fixed.

## Workspace Composer: Microsoft Excel could crash after closing a 'Print preview'

---

Microsoft Excel could crash in the RES PowerFuse Shell when closing a 'Print Preview' window. This has been fixed.

## Workspace Composer: Offline laptops can wrongfully revert to RES PowerFuse Shell

---

In rare circumstances, offline laptops could wrongfully revert to the RES PowerFuse shell. This has been fixed.

## Workspace Composer: Pinning multiple items to taskbar slows down startup

---

If multiple items were pinned to the taskbar, starting up the Workspace Composer could be slowed down considerably. This has been fixed.

## Workspace Composer: Resolve Special Folders from registry

---

Under some circumstances folder redirection was properly installed, but not recognized at the time PowerFuse is building up the desktop, start menu and so on. As a workaround, it is now possible to force PowerFuse to resolve the special folders from the registry by creating the following registry value:

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse or HKEY_CURRENT_USER\Software\RES\PowerFuse
Value (string)	SpecialFoldersFromRegistry
Data	yes

## Workspace Composer: Restart Computer results in a Shutdown Computer

---

On a Microsoft Windows 7 or a Microsoft Windows Vista client a Restart computer would always result in a Shutdown computer. This happened if there was any Folder Synchronization task specified, regardless if the user had access to that task (e.g. based on Access Control or a Zone). This has been fixed.

## Workspace Composer: Session needs two logoff attempts

---

If the following circumstances applied, the system did not logoff before a second logoff attempt is made.

- The RES PowerFuse shell is used.
- The session runs on a Microsoft Windows 2008 Terminal server with Citrix.
- A Folder Synchronization task is active during logoff.

This has been fixed.

## Workspace Composer: Starting a session without a running res service starts explorer browser

---

Starting a session without a running res service started an explorer browser. This has been fixed. If the RES PowerFuse Agent S Service is not available during logon the user is now logged off with a notification that the RES PowerFuse Agent Service (`res.exe`) is not present.

## Workspace Composer: Start Menu pin list not cleared

---

On Microsoft Windows versions prior to Microsoft Windows 7, the pin list was not automatically cleared. It is now possible to clear the pin list by setting the following registry key:

Key	HKEY_LOCAL_MACHINE\Software\RES\PowerFuse
Value (string)	RemoveStartmenuPinlist
Data	Yes

This will work in RES PowerFuse sessions using the windows shell, and with **Composition > Applications > Managed Applications > Properties > Windows Shell shortcut creation** set to **Replace all unmanaged shortcuts**.

## Workspace Designer: Application Defaults ignored

---

If an application was added with the Workspace Designer, any configuration items added to the **Composition > Applications > Managed Applications > Properties > Defaults for new applications** (such as environment variables) were not incorporated in the new application. This has been fixed.

## Workspace Extensions: Focus issues

---

If the Microsoft Windows shell was used and a workspace extension was started and minimized, starting an additional managed application and minimizing it would cause the original minimized workspace extension to be restored the desktop. This has been fixed.

## Zones based on the registry value "\*" always accessible

---

If a Zone was based on a registry setting, and the setting was set to "\*", the Zone was always granted. This has been fixed. The zone is now only granted if the registry value exists.

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