

RES PowerFuse 2008 SR5

Release Notes

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1. Enhancements

Additional environment variables when configuring User Preferences

When using mandatory profiles in a mixed OS environment, it can be useful to use environment variables in User Preferences, to specify files, folders and folder trees that should be preserved. This makes it possible to restore the correct files, folder or folder trees to the user profile, independent of the operating system on which the user starts a session.

In addition to the default Microsoft Windows variables and other variables that may exist on the local machine of the user, you can use the following variables:

Item	File System Directory
%appdata%	Contains application data for all users. This folder is used for application data that is not user specific.
%cache%	Common repository for temporary Internet files.
%cookies%	Common repository for Internet cookies.
%desktop%	Stores file objects on the desktop.
%favorites%	Common repository for the user's favorite items.
%history%	Common repository for Internet history items.
%localappdata%	Data repository for local (non roaming) applications.
%music%	Common repository for music files.
%pictures%	Common repository for image files.
%video%	Common repository for video files.
%network%	Contains the link objects that may exist in the My Network Places folder.
%personal%	Stores a user's common repository of documents.
%printers%	Contains the link objects that can exist in the Printers folder.
%programs%	Contains the user's program groups (which are themselves file system directories).
%recentfiles%	Contains shortcuts to the user's most recently used documents.
%sendto%	Contains Send To menu items.
%startmenu%	Contains Start menu items.
%startupmenu%	Corresponds to the user's Startup program group.
%templates%	Common repository for document templates.
%userprofile%	Contains the user profile.

Configure cache timer interval

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

System key: HKEY_LOCAL_MACHINE\Software\RES\PowerFuse

Type: string (REG_SZ)

Value name: CacheTimerInterval

Value data: a value between 5 and 60 (seconds)

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

Configure groups as application manager

When delegating access control to applications to application managers, it is now also possible to assign this role to groups, as well as (or instead of) to individual users. This makes the process much more flexible, as changes in users' membership of groups automatically result in changes to their access to the application manager role. Groups can only be assigned manually (by clicking **Add manually**).

Configure MemoryShield to count open tasks of an application only once

With MemoryShield, you can limit the number of running applications per session. This limits the number of tasks on the taskbar, which is not always equal to the number of running applications. For example, 3 open e-mails in Microsoft Office Outlook count for 3 tasks, whereas there is only one running application.

You can now set one of the following registry settings to ensure that tasks belonging to the same running application are counted only once by MemoryShield:

System key: HKEY_CURRENT_USER\Software\RES\PowerFuse

Type: string (REG_SZ)

Value name: MSLimitOnProcIDs

Value data: yes

or

System key: HKEY_LOCAL_MACHINE\Software\RES\PowerFuse

Type: string (REG_SZ)

Value name: MSLimitOnProcIDs

Value data: yes

Exclusions in User Preferences

User Preferences now also allow specific exclusions to be set on any item that is configured as a User Preference. This makes it possible to restrict the amount of data that is stored.

- Specific registry keys, registry trees and registry values can be excluded from a registry key or tree stored as a User Preference.
- Specific files, folders or folder trees can be excluded from a folder or folder tree stored as a User Preference.

For example, you can create a User Preference for a folder, but then exclude certain file types such as temporary backup files. Or you can create a User Preference for a Registry tree, but then exclude specific keys or values.

File version included in pwrcache errors in common Error Log

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

Force logoff of disconnected sessions after timeout

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

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

or

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

Value name and data:

- `ForceLogoffEnabled`: Yes (to enable the mechanism)
- `ForceLogoffTimeout` or `ForceLogoffTimeoutOnDisconnect`: value in minutes
- `ForceLogoffOnDisconnect`: Yes

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

Import file type associations for applications

When adding Instant File Associations for an application, it is now possible to import all already known file types for this application from the system, by using the **Import** button. You can find this button on the **File Associations** tab, when editing an application.

Import settings from Flex Profile Kit INI files into RES PowerFuse as User Preferences

Flex Profile Kit

In Citrix and Terminal Server environments, the freeware Flex Profile Kit is sometimes used to store user preferences in combination with mandatory profiles. There are, however, several advantages to managing such settings as User Preferences in RES PowerFuse, where they can be managed centrally in a fully supported and enterprise-ready system.

RES PowerFuse now supports the use of Flex Profile Kit INI files, which can be imported into RES PowerFuse as User Preferences. Because the Flex Profile Kit allows the configuration of exclusions to a user preference. RES PowerFuse now also supports [user preferences with exclusions](#) ("Exclusions in User Preferences" on page 5).

Importing Flex Profile Kit settings into RES PowerFuse User Preferences

In order to switch from the Flex Profile Kit to RES PowerFuse with User Preferences, you can always manually configure User Preferences to match existing Flex Profile rules. However, Flex Profile Kit settings can now also be imported automatically, based on the INI files in which the Flex Profile information is stored:

1. Have the relevant INI file(s) available at an accessible location.
2. At **Desktop Management > User Preferences**, click **Add** to create a new User Preference.
3. On the **Settings** tab, click **Import** and select the relevant INI file. The settings stored in that INI file appear in the User Preference setting immediately.
4. Close the User Preference. The list of User Preferences now includes the settings that were previously handled through the Flex Profile Kit.



Warning

Importing an INI file into an existing User Preference will overwrite its existing configuration.



Notes

- INI files must meet the Flex Profile Kit requirements.
- You can import one INI file per User Preference setting. There is no limit on the number of settings defined in an INI file, so if desired you can combine several INI files into one.

Improved method to handle desktop items

RES PowerFuse uses an improved method to handle the user's desktop, QuickLaunch and Start Menu items in the Microsoft Windows shell.

This solves the following issues:

- When the desktop of a user contained large items (such as large documents), logon, logoff and refreshing the Start Menu could take a long time.
- When a user copied an item to the desktop, and his session was ended through a reset by an administrator, the item would be lost.
- Redirecting an item to the desktop through a User Preference did not work.

When updating to RES PowerFuse 2008 SR5, items residing in the obsolete folder `\desktop.org` will be copied to the new folder `\desktop.lost+found`.

Install Updates and Shutdown option added

On Microsoft Windows Vista workstations running the RES PowerFuse shell, the **Exit** menu has been enhanced with an additional **Install Updates and Shutdown** option, if there are updates pending.



Note

This button is only available if the **Disable shutdown for all end users on workstations** option has not been set.

Instant LogOff user profile cleanup no longer active for Microsoft Windows Vista/2008

Instant LogOff takes care of user profiles failing to unload due to registry handles not being closed by some applications. As Microsoft has solved this issue in Microsoft Windows Vista and Windows Server 2008, this feature of Instant Logoff is no longer active for these versions of the Windows OS.

NetGuard dump extended with computer/server name

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

Republish all applications in a Citrix Server Group

A new context menu item **Republish** has been added to **Citrix Integration > Server Groups** in the RES PowerFuse Management Console.

This context menu item (available by right-clicking a Server Group) allows you to republish all applications belonging to a certain Server Group.

Silent refresh of RES PowerFuse sessions

A new option has been added to perform a "silent" refresh of a session. A silent refresh does not show a splash screen during a refresh of the Workspace Manager, which in some cases is less intrusive for the user. A silent refresh is only used when the refresh is a result of a display change, a USB device change or when reconnecting to a disconnected session.

"Silent refresh" can be enabled by setting one of the following registry keys:

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

Value Name: `SilentRefresh`

Value Data: `Yes`

or

System key: HKEY_CURRENT_USER\Software\RES\PowerFuse

Value Name: SilentRefresh

Value Data: Yes

Support for VMware View 3.1

RES PowerFuse now fully supports VMware View 3.1.

Unmanaged applications optionally available to all users

Partly Managed Workstations has been enhanced with the setting **Availability of unmanaged applications** (in the RES PowerFuse Management Console at **Desktop Management > Partly Managed Workstations** on the **Properties** tab). This setting optionally broadens the group of users to whom unmanaged applications become available:

- With **Availability of unmanaged applications** set at **limit access to users who may install unmanaged applications**, the behavior is the same as in previous versions of RES PowerFuse: unmanaged applications are never available to users who do not have the right to install unmanaged applications themselves on the same computer.
- With **Availability of unmanaged applications** set at **allow anyone access**, unmanaged applications can also become available to users who do not have the right to install unmanaged applications themselves on the same computer.

Use Active Directory property "displayname" instead of fullname

It is possible to use and show the Active Directory property "displayname" instead of "fullname". When using the "displayname" property, it will be shown in the **Full name** column in the **Workspace Sessions** and **Workspace Analysis** nodes. It will also influence the full name that is shown to the user in a RES PowerFuse session (for example in the PowerPanel's **User** tab). This can be enabled by setting the following registry key:

System key: HKEY_LOCAL_MACHINE\SOFTWARE\RES\PowerFuse

Type: String (REG_SZ)

Value name: UseDisplaynameasFullname

Value data: Yes

This feature only works in an Active Directory environment.

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.

Adding a PowerZone as access control on a PowerLaunch item could cause the RES PowerFuse Management Console to hang

When setting access control on a PowerLaunch item, adding a new PowerZone as a "location" could cause the RES PowerFuse Management Console to hang. This has been fixed.

Advanced Detection Connection State settings could be lost

After an upgrade of RES PowerFuse, the **Advanced Detection Connection State** settings could be lost. This has been fixed.

Application licensing information was not always correct

When viewing the **Licensing** tab of an application in the **Application Management** node of the RES PowerFuse Management Console, the licensing information was not always correct for license type **Per concurrent user license**. This has been fixed.

Application processes were not recognized correctly

Application processes were sometimes not recognized correctly in the RES PowerFuse Workspace Manager. As a result, the following issues could occur:

- Multiple application definitions for the same executable were always reported as the same application in PowerTrace.
- Multiple application definitions for the same executable could cause the check for maximum instances to fail. As a result, the application could be running more instances than allowed.
- Microsoft SoftGrid applications were sometimes not reported correctly in PowerTrace. This especially occurred if the application definition in the .OSD file contained a path variable (for example, SFT_MIME_SOURCE).

These issues have been fixed.

Applications running as Workspace Extensions could lose focus

When users started or switched to an application running as a Workspace Extension, the window could lose focus.

Additionally, the following issue could occur in sessions using the RES PowerFuse shell:

If an application running as a Workspace Extension was minimized to the taskbar and the Start Menu was opened, after which the minimized application was clicked, the Start Menu was not closed.

These issues have been fixed.



Note

This fix requires the installation of the latest version of the RES PowerFuse Workspace Extender.

Applications started up minimized

In sessions using the RES PowerFuse shell, applications sometimes started up "minimized". Additionally, when users reconnected to a disconnected session, all applications seemed to be minimized. In both situations, the RES PowerFuse desktop was hiding the applications. This has been fixed.

BSOD on 64 bit machines with large amounts of RAM

A Blue Screen (BSOD) "BAD_POOL_HEADER" (code 19) could occur on machines with 64 bit architecture and a large amount of RAM. This has been fixed. This fix requires a reboot.

Certain Microsoft SoftGrid applications did not start in RES PowerFuse 2008 SR4

Some Microsoft SoftGrid applications failed to start in a RES PowerFuse session, because RES PowerFuse patched all environment variables in the corresponding .OSD files. This has been fixed. RES PowerFuse now only patches the global and application-specific PowerLaunch environment variables into the .OSD file.

Certain registry settings stored in User Preferences were not correctly reapplied

User-defined settings for accessibility, appearance, cursor, keyboard, and mouse can be set as a User Preference, by using the following registry settings as a User Preference:

```
HKEY_CURRENT_USER\Control Panel\Accessibility
```

```
HKEY_CURRENT_USER\Control Panel\Appearance
```

```
HKEY_CURRENT_USER\Control Panel\Cursors
```

```
HKEY_CURRENT_USER\Control Panel\Keyboard
```

```
HKEY_CURRENT_USER\Control Panel\Mouse
```

In previous releases of RES PowerFuse, these registry settings were correctly restored, but not correctly reapplied. This has been fixed.

Citrix published applications not republished after changes in Server Groups

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

Corrupt application icons in the Start Menu

In sessions using the Microsoft Windows shell, application icons in the Start Menu became corrupted when the description field contained more than 259 characters. This has been fixed.

Database errors were not logged correctly

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

Delegating access control on applications did not work in a Novell environment

Delegating access control on applications did not work in a Novell environment. Although it was possible to assign users as application managers, these users could not grant or revoke access to applications using the RES PowerFuse Access Wizard. This has been fixed.

Drive mappings to WebDAV web folders on UNIX servers did not always work

Drive mappings to WebDAV web folders on UNIX servers did not always work, because UNIX is case-sensitive. This has been fixed.

Error when creating large Building Blocks

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

Error when creating RES PowerFuse Datastore on Microsoft SQL Server Express database server

When creating a new RES PowerFuse Datastore on a Microsoft SQL Server Express database server, an error could occur: "Invalid use of NULL". This has been fixed.

Error when deleting security role

When deleting a security role in the RES PowerFuse Management Console, an error could occur: "Error: (91) Object variable or With block variable not set". This has been fixed.

Error when importing "Microsoft TS RemoteApp" settings

When importing a Building Block with **Microsoft TS RemoteApp** settings, an error could occur: "An error occurred while saving the changes to the database". This has been fixed.

Error when loading Webtop settings in RES PowerFuse Workspace Manager

When loading the Webtop settings in the RES PowerFuse Workspace Manager, an error could occur:

"frmWebtopTemplate.FillTemplateSettings (91) Object variable or With block not set". This has been fixed.

Error when logging off RES PowerFuse session

When a user logged off a RES PowerFuse session that used the Microsoft Windows shell, an error could occur: "SaveDesktopLinks (52) Bad File Name or Number". This happened if a file with Unicode characters in its name was located on the desktop of the user. This has been fixed.

Errors regarding "RetrieveHomeDir" and/or "RetrieveProfileDir" during logon

Error messages regarding "RetrieveHomeDir" and/or "RetrieveProfileDir" during logon could occur with the following **Directory Maintenance** entries:

Either in the **Home Directory** or **Profile Directory** sections, a **Set specific values in INI file** task existed without entered values. This has been fixed.

Forced logoffs ignored configured external tasks

If RES PowerFuse was configured to force a logoff if a session had been idle or disconnected for a specific time, any external tasks that were configured to be performed at logoff did not run. 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.

Full user name shown incorrectly with Local Computer as Directory Service

If RES PowerFuse was running with only the Local Computer configured as the Directory Service, the full user name was not shown correctly. This has been fixed.

Hidden PowerHelp was still shown in the welcome message when starting a RES PowerFuse session

When PowerHelp was hidden in the Start Menu, it was still shown in the welcome message when starting a RES PowerFuse session. This has been fixed.

Icons with alpha blending not shown in RES PowerFuse shell

Special icons, such as icons with alpha blending, were not shown correctly on the desktop of sessions using the RES PowerFuse shell. This has been fixed.

Importing a Building Block when AppGuard was not running could result in disabling "Read Only Blanketing" and "Removable Disks" Security

When importing a Building Block and AppGuard was not running, this could result in disabling both **Read Only Blanketing** and **Removable Disks Security**. This has been fixed.

Importing large Building Blocks improved

The time needed to import large Building Blocks (for example a complete environment) has been reduced considerably.

Incorrect IP address when starting a RES PowerFuse session

If a RES PowerFuse session was started on a VMware View client, it was sometimes unable to provide the correct IP address to the RES PowerFuse Workspace Manager. This has been fixed. Before starting a RES PowerFuse session on a VMware View client, the RES PowerFuse Workspace Extender should be running on the local machine. The RES PowerFuse Workspace Extender will then provide a correct client IP Address to the RES PowerFuse Workspace Manager if necessary.



Note

This fix requires the installation of the latest version of the RES PowerFuse Workspace Extender.

Instant File Associations did not always work

Instant File Associations did not always work, for example when opening a Microsoft Office Word document from a SharePoint site. This has been fixed.

Instant LogOff events were not logged on x64 machines

Instant LogOff events that occurred on x64 machines were not logged. This has been fixed.

Microsoft SoftGrid applications failed to start on case sensitive servers

When configuring Microsoft SoftGrid applications in RES PowerFuse 2008 SR4, the **Parameters** fields were always saved in lowercase characters. As a result, the paths to the .OSD files of the Microsoft SoftGrid applications were no longer valid on case sensitive servers (for example Linux or Apache). This made it no longer possible to start Microsoft SoftGrid applications on these servers. This has been fixed.

Microsoft SoftGrid applications were reported as one application in PowerTrace

When starting different Microsoft SoftGrid applications, they were sometimes reported as the same application in PowerTrace. This has been fixed.

"My Documents" opened when ending ICA session

By default, when starting an ICA session from a local RES PowerFuse session using the Workspace Extender, the local taskbar disappears and all applications are shown in the ICA session. However, when the ICA session was terminated, an Explorer window of **My Documents** was opened, instead of the RES PowerFuse session. This issue only occurred in RES PowerFuse sessions using the Microsoft Windows shell. This has been fixed.

Opening Microsoft Office Excel workbooks in one application instance was not possible when using Instant File Associations

In Microsoft Office Excel, you can show all open workbooks in one application instance. This can be done by clearing the option **Show all windows in Taskbar** (Excel 2007) or **Windows in Taskbar** (Excel 2003).

- For sessions using the RES PowerFuse Shell, you can configure this option at **Desktop Management > Appearance > Start Menu and Taskbar**, by clearing the option **Force Microsoft Office Excel to show open workbooks on RES PowerFuse Shell taskbar**.
- For sessions using the Microsoft Windows Shell, this option is simply adopted from the option in Excel.

However, this feature did not work when Instant File Associations had been configured for Excel. This has been fixed.

Opening multiple documents at once was not possible when using Instant File Associations

When a user selected multiple documents with the same file extension (for example, .DOC), right-clicked the documents and selected **Open** from the context menu, only one document was opened. This only occurred if an Instant File Association for the file extension existed. This has been fixed.

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

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

Option "Run once" did not always work after importing Building Blocks

After importing a Building Block that contained items that used the option **Run once** (for example, certain PowerLaunch settings), these items could be executed a second time. This has been fixed.

Overflow errors after configuring Instant Mail template for Microsoft Outlook Express

When configuring an Instant Mail template for Microsoft Outlook Express, and specifying high values for timeouts and port numbers, this could result in overflow errors in the RES PowerFuse Management Console. This has been fixed.

Policy Files were not processed correctly

When uploading policy files as part of PowerLaunch (at **Configuration Management > PowerLaunch > User Registry**) the following issues could occur:

- It was not possible to upload the latest Office 12.0 ADMX policy files. This has been fixed.
- Under certain circumstances, a new policy file could not be read: the file could be added, but then the window where you mark specific registry keys did not open. This has been fixed. After upgrading to 2008 SR5, please remove the file and add it again.

Possible to remove non-selected PowerZones

When editing Locations (PowerZones) within an application's access control settings, it was possible to remove a PowerZone even if no PowerZone was selected. This resulted in the first PowerZone in the list being removed. This has been fixed.

PowerLaunch registry settings for shared virtual VMware ThinApp applications were not processed

When using shared virtual VMware ThinApp applications (for example Microsoft Office setup with VMware ThinApp), PowerLaunch registry settings for such applications were not processed. Only the first application would get the registry settings. This has been fixed.



Note

After applying this update, it may be necessary to remove the Thinstall folder once from the user's profile Application Data folder. It will be recreated the first time a user starts a ThinApp application.

PowerTrace error on Oracle 9i Client

If the RES PowerFuse Datastore was installed on an Oracle 9i Client database and Powertrace was enabled in the RES PowerFuse Management Console, an error could occur:

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

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

PowerTrace Viewer showed application "8"

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

PowerZone rules based on Microsoft Windows XP did not work on Windows XP 64-bit systems

PowerZone rules based on Operating System version **Windows XP** did not work on systems running Microsoft Windows XP 64-bit edition. This has been fixed.

Printers were not reconnected during reconnect session

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

Printing Microsoft Office Word or Excel documents using the context menu was not possible

When a user right-clicked a Microsoft Office Word or Excel document in a session and selected **Print** from the context menu, the document was opened, but not printed. This has been fixed. Instant File Associations, which RES PowerFuse uses to associate Windows file types with applications, has been improved.

Publishing applications from context menu did not always work

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

RES PowerFuse sessions became unresponsive at logoff when using SplitView

When logging off a RES PowerFuse session, the session could hang when using SplitView software. This has been fixed.

RES PowerFuse sessions were not shown in Workspace Sessions node

If the user's temporary folder (`%userprofile%\Local Settings\Temp`) was redirected to a network location, the session did not become visible in the **Workspace Sessions** node of the RES PowerFuse Workspace Manager. This occurred for example if a PowerLaunch Environment variable was made for USERPROFILE (for example with the value `%homedrive%`). This has been fixed. Although this method is not recommended, it is now supported. The session will be visible in the **Workspace Sessions** node.

Search field for group did not always appear

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

Session information was not released after a session reset

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



Note

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

SessionGuard message window was not visible at small screen resolutions

When a SessionGuard event occurred in sessions using a small screen resolution, the button **Disconnect the already active session** was not visible in the **SessionGuard** window. This has been fixed.

Slow performance after upgrade to RES PowerFuse 2008 SR4

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



Warning

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

Subscribed Microsoft SoftGrid applications did not start in RES PowerFuse 2008 SR4

After installing RES PowerFuse 2008 SR4, starting a subscribed Microsoft Softgrid application on a server could fail if the version of Microsoft SoftGrid on the local client was different from the one on the server. This has been fixed.

Switching between Microsoft Office Excel workbooks was not possible in the RES PowerFuse shell

In sessions using the RES PowerFuse shell, it was not possible to switch between Microsoft Office Excel workbooks via the taskbar buttons. This has been fixed.

Taskbar still visible using the Workspace Extender with autoextend=TRUE parameter

When the Workspace Extender was used with the `autoextend=TRUE` parameter, the local taskbar was not hidden in sessions using the RES PowerFuse shell. This has been fixed.

Tooltip text of Tasklist button incorrect

If a user clicked the **Tasklist** button in the taskbar in a session using the Microsoft Windows shell, the tooltip text **Show Tasklist** would be shown, instead of user or computer information. This has been fixed.

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

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

Unable to disable security messages

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

Unable to use arrow keys in PowerLaunch windows

It was not possible to use the arrow keys to navigate in some PowerLaunch windows. This has been fixed.

Unmanaged applications could not be installed or removed if User Account Control was enabled

If User Account Control was enabled on machines running Microsoft Windows Vista or Windows Server 2008, it was not possible to install or remove unmanaged applications on these machines. This has been fixed.

Unresponsive RES PowerFuse Management Console when loading very large number of network printers

In an environment with a large number of network printers (> 4000), the RES PowerFuse Management Console could claim all CPU time and become unresponsive for several minutes when showing these network printers in PowerLaunch (**PowerLaunch > Network Printers**). This has been fixed.

Workspace Analysis Details always showed user groups in a Local Computer domain as "indirect" groups

When viewing the details of a user account in the RES PowerFuse Management Console (**Monitoring, Auditing & Alerting > Workspace Analysis**), the Account Properties always showed groups in a Local Computer domain as "indirect" groups. This has been fixed.

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