

RES PowerFuse 2010 SR1

Release Notes

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1. Enhancements

Automatically add "Check Default Client" registry action to Microsoft Outlook

If Microsoft Outlook is added as a new application in RES PowerFuse 2010, a registry key is now automatically added on the **Configuration > Actions** tab. This key disables the check whether Microsoft Outlook is the default e-mail client. If Microsoft Outlook is started through a File Type a notification that Microsoft Outlook is not the default e-mail client can appear, because the associated application in the registry is `pwrgate.exe [appid]` instead of `outlook.exe`. If the user then chooses to set Microsoft Outlook as the default mail client, the associated application in the registry is changed from `pwrgate.exe [appid]` to `outlook.exe`, making the application unmanaged.

The Registry key that is added is:

```
[HKEY_CURRENT_USER\Software\Microsoft\Office\<officeversion>\Outlook\Options\General]
```

Value name and data:

```
Check Default Client: 0
```

Desktop Sampler: /SAMPLEPATH parameter for dtsampler executable

After the Desktop Sampler is installed it is now also possible to start `dtsampler.exe` with the `/SAMPLEPATH` parameter specifying the path of the generated sample files. This allows the Desktop Sampler also to be distributed as a Custom Resource. This `/SAMPLEPATH` parameter overrules a possible `SAMPLEPATH` parameter used when installing the `.msi`.

Example:

```
C:\Program Files\RES Desktop Sample\dtsampler.exe /SAMPLEPATH="C:\Temp"
```

Instant Passthrough: Do not passthrough if available locally

Instant Passthrough for both Citrix XenApp publishing and Microsoft TS RemoteApp have been enhanced with a **Do not passthrough if application is available on local computer** option. This option gives the ability to define when a published or local version of the application is launched. You can optionally choose to ignore the configured behavior inside or outside specific Zones via the Locations and Devices field.

Folder Synchronization: Synchronize at specified interval

It is now possible to configure **Composition > Files and Folders > Folder Synchronization** to perform (global) synchronization actions at specific intervals ranging from 1 minute to 8 hours after the previous synchronization. If, for example, an interval of 10 minutes is set, folder synchronization will take place 10 minutes after the previous folder sync has completed.

Managed Applications: Disable Active Setup

At **Composition > Managed Applications > Properties** a new option **Disable Active Setup** is available. By checking this option, all Active Setup processes that run automatically when a user logs in are disabled. Enabling this option skips the "First Time Shell Init" that occurs when using mandatory profiles.

Managed Applications: Online/Offline application properties

The **When offline /online, start a specific application () instead of full desktop** options at **Composition > Applications > Managed Applications > Properties** have been enhanced. Besides entering an application ID it is now also possible to browse to an actual application and select it. Furthermore it is possible to configure an application timeout and configure the session's behavior if the application is terminated before the set timeout, or when the application exceeds the set timeout. Finally it is possible to run the application before any other actions are performed except for RES Wisdom Tasks and Execute Commands, if these have also been configured to 'run before other actions'.

Support for Citrix XenApp 6

RES PowerFuse now fully supports application publishing in Citrix XenApp 6.

Note that XenApp 6 does not support mixed farms consisting of different XenApp versions. It is therefore strongly recommended to run a native XenApp 6 farm.

Support for Microsoft SQL Server 2008 R2

RES PowerFuse now fully supports Microsoft SQL Server 2008 R2 for its Datastore.

User Settings: Default User Settings configuration for new applications

When a new application is added to RES PowerFuse the Zero profile mode for that application is now by default set to **Track any setting changed by application immediately** and User Settings for that application is **disabled**.

Workspace Analysis: Display Workspace Model state for specific feature

When viewing a user's Workspace Analysis Details at **Diagnostics > Workspace Analysis**, all relevant features now display the mode they are running in and the possible Override that is responsible for the mode for his specific user.

Workspace Composer: Reduced memory usage

The memory consumption of the RES PowerFuse Workspace Composer has been reduced.

Workspace Extensions: Hide application if executable was not found

The **Hide application if executable was not found** option on the **Managed Applications > Properties > Settings** tab, is now also supported by Workspace Extensions. By enabling this option the application will be hidden if the local application that the Workspace Extender is referencing is not available on the local computer.

Note that for this functionality, both RES PowerFuse 2010 SR1 as RES PowerFuse Workspace Extender / Subscriber 2010 SR1 are required.

Workspace Preferences: Change default timeout for changing password

It is now possible to change the default timeout for changing the user's password in the Workspace Preferences tool. The default timeout is 5 seconds. To change the default timeout create the following registry value:

Key: HKEY_LOCAL_MACHINE\Software\RES\PowerFuse

Value (DWORD) : ChangePasswordTimeout

Data: 'n' (n in seconds, must be at least 5).

2. Fixes

[\\$adinfo\(...\) could return invalid values](#)

The \$adinfo(...) function did not always return a valid value (e.g. for an environment variable) because in rare occasions RES PowerFuse was unable to correctly resolve the Fully Qualified Domain Name. This has been fixed.

[\\$adinfo\(...\) not functional after switching from offline to online](#)

If the setting **Do no reload user information when refreshing Workspace** is set, and a user switched from offline to online, settings based on the \$ADINFO() sometimes did not work (an empty string would be returned). This has been fixed.

[\\$adinfo\(...\) settings in Outlook Signature templates not resolved in streamed Microsoft Outlook](#)

If \$adinfo(...) settings were used in Microsoft Outlook Signature templates in **E-Mail Templates**, Citrix-streamed versions of Microsoft Outlook did not resolve these settings. This has been fixed.

[Access Control: Changes in OU Membership were not saved](#)

If Access Control on a Composition object (e.g. a Drive Mapping or an Environment Variable) had been set to OU Membership, changing the OU membership did not have any effect; the change was not saved. This has been fixed.

[Access Control: Group names of 50+ characters not stored correctly](#)

If access control for an item was set to Group, the Group name (including the domain) was truncated after 50 characters. As a result, access control did not work properly for Group names of 50+ characters. Searching for non-existing users at **Setup > Datastore > Maintenance** would also mark these Groups as non-existent users and remove them. This has been fixed.

[Access denied when using lower case domain names and Access Control based on OU membership](#)

When a domain name existed with a lower case name in Active Directory, RES PowerFuse did not grant access to applications and settings if Access Control was based on OU membership, because the LDAP AdsPath for the user was not set up correctly. This was also shown in the user's settings in Workspace Preferences; the LDAP path would be empty. This has been fixed.

Actions: Environment Variables not always patched in .OSD files for Microsoft App-V/SoftGrid applications

Environment Variable Actions were not always patched in .OSD files for Microsoft App-V/SoftGrid applications. This has been fixed.

Additional mailbox in Microsoft Outlook when opening .MSG file

When a user opened an .MSG file, this could result in an additional mailbox in Microsoft Outlook. This has been fixed.

Application icons not shown in sessions when added with Application Wizard on Microsoft Windows 7

When applications were added in the Management Console with the Application Wizard on a computer running Microsoft Windows 7, the application icon was not always shown correctly in the user workspace. This has been fixed.

Autolaunching Tobit David.fx in maximized window could result in error message

When autolaunching Tobit's David.fx software in a maximized window the following error could be displayed: "error (384) A form can't be moved or sized while minimized or maximized - frmHelpDesk.Form.Load". This has been fixed.

Concurrent licensing not working for certain applications

Certain applications (e.g. Citrix Streamed Applications) only registered their concurrent license when started for the first time in a RES PowerFuse session. Concurrent usage at a later stage was not registered. This has been fixed.

Creating cached credentials could slow down session startup

When starting a session on a slow network connection (e.g. VPN) creating the cached credentials would slow down the startup of the RES PowerFuse session. This has been fixed for Active Directory configurations.

Default printer changed when switching from online to offline state

If a network printer was set as default and a local printer was available, the local printer would be set as default after an offline session. This local printer remained the default printer when logging on to an online session again. This has been fixed.

Desktop Sampler: Only low resolution icons for applications containing .png images

If an application that was sampled by the Desktop Sampler contained .png images in its executable, only low resolution icons were stored for that application in the sample files. This caused the Workspace Designer to only create applications with low resolution icons. This has been fixed.

Directory Services: Group membership list in Workspace Preferences incorrect after refresh

In an Active Directory environment, the users Group Membership list in Workspace Preferences could be different between the initial logon and after refreshing the Start Menu. This has been fixed.

Double menu bar in application window when restoring application from taskbar

Under rare circumstances, when restoring an application by clicking the taskbar, a double menu bar was shown in the application window. This has been fixed.

Drive Substitutes could be inaccessible after a refresh

If the **Refresh Drive Substitutes when network connectivity changes option** was enabled at **Composition > Files and Folders > Drive Substitutes** and the session was refreshed, the hide drive policy was not changed accordingly. As a result the substitute would be created, but might not be accessible. This has been fixed.

Error message: "(35602) Key is not unique in collection" when enumerating large Novell tree

When enumerating a large Novell tree the following error could occur:

Error #	35602
Error description	Key is not unique in collection

As a result also the enumerated tree was not sorted alphabetically. This has been fixed.

Error message: "Can't find the database you specified, or you didn't specify a database at all." when using Microsoft Access Runtime

Opening an .mdb file using the Microsoft Access Runtime resulted in the following error message: "Can't find the database you specified, or you didn't specify a database at all." This has been fixed.

Error message: "Error 13, Type mismatch" when configuring Network Security

When configuring Network Security in the Management Console, the following error could be displayed:

Process	pwrtech.exe
Procedure	SharedNetGuard.fstrGetIPRange
Error #	13
Error description	Type mismatch

This has been fixed.

Error message: "Error 13, Type mismatch" when starting an offline session

When starting a RES PowerFuse session in offline mode, and a Zone had been defined based upon an AD User property, the following error could be displayed:

Error #	13
Error description	Type mismatch

This has been fixed.

Error message: "Error 364 Object was unloaded" when launching an application

The following error could appear when launching an application:

Process	pfwsmgr.exe
Procedure	frmLaunch.SetText
Error #	364
Error description	Object was unloaded

This has been fixed.

Error message: "Error 475 This key is already associated with an element of this collection" with linked User Settings

If two or more applications have User Settings that are linked to the same application, the following error could occur when starting a user session:

Error #	475
Error description	This key is already associated with an element of this collection

This has been fixed.

Error message: "Error: String or binary data would be truncated" when processing Usage Tracking transactions

Under some circumstances, the RES PowerFuse Cache reported the following error when processing Usage Tracking transactions:

Error description	String or binary data would be truncated
-------------------	--

This has been fixed.

Error message: "This array is fixed or temporarily locked"

In very rare circumstances users may wrongfully receive the following error:

Procedure	flngAddTask at line 280
Error #	10
Error description	This array is fixed or temporarily locked

This has been fixed.

Error message when closing the Management Console

In very rare occasions the RES PowerFuse Management Console could crash displaying an `msvbvm60.dll` error. This error could occur when closing the Management Console with the close button [X] after opening and closing a managed application. This has been fixed.

Errors Log: "ActivateWord; Cannot activate application"

The error "ActivateWord; Cannot activate application" which is not related to RES PowerFuse could appear in **Diagnostics > Errors**. This has been fixed.

Errors Log: "Cannot insert duplicate key in object 'dbo.tblLogs'..."

Diagnostics > Errors could wrongfully display several errors "Cannot insert duplicate key in object 'dbo.tblLogs'...". This has been fixed.

Errors Log: "Control array element 'n' does not exist"

Diagnostics > Errors could wrongfully display the following error message:

Process: pfwsmgr.exe

Procedure: ArrangeSwitches

Error #: 340

Error description: Control array element 'n' does not exist

This has been fixed.

Errors Log: "Error 5, SharedUserPreferences.CheckUserPrefsAppGuardMFTrace at line 170"

Diagnostics > Errors could in rare occasions wrongfully display several errors "Error 5, sharedUserPreferences.CheckUserPrefsAppGuardMFTrace at line 170". This has been fixed.

Errors Log: "ProcessRegGuardMessage: Large Value written to Zero Profile"

Diagnostics > Errors could wrongfully display several errors "ProcessRegGuardMessage: Large Value written to Zero Profile". This has been fixed.

Errors Log: "ThreadUpdate Error 9, Subscript out of range"

Diagnostics > Errors could wrongfully display several errors "ThreadUpdate Error 9, Subscript out of range". This has been fixed.

External tasks at logoff caused shutdown when using Microsoft Windows shell on Microsoft Windows Vista and higher

In sessions using the Microsoft Windows shell on Agents running on Microsoft Windows Vista or higher, a "Restart" or "Install updates and shutdown" action always resulted in a shutdown if external tasks were scheduled at logoff, regardless whether these external tasks applied to the user.

This has been fixed. This behavior now only occurs if at least one of the external tasks scheduled at logoff apply to the user.

File Types in session if "Windows Shell Shortcut Creation" was set to "Do Nothing"

File Types were created in a RES PowerFuse session even though **Composition > Applications > Managed Applications > Properties > Windows Shell Shortcut Creation** was set to **Do Nothing**. This has been fixed.

Folder Synchronization: Splash screen remained visible after sync had finished

If a Folder Synchronization Action was added to an application, the splash screen with 'Folder sync...ready' that is displayed when starting that application, would remain visible after the synchronization was complete. This has been fixed.

Folder Synchronization: Sync at logoff could take too long

If Folder Synchronization was configured to sync at logoff, the synchronization process could take too long to complete compared to synchronization at logon. This has been fixed.

Global User Settings: "Show all" did not show linked User Settings

Composition > User Settings > Show all User Settings did not show linked User Settings. This has been fixed.

Group Memberships sometimes not retrieved correctly

In rare occasions, the list of Group memberships for a user in RES PowerFuse was not retrieved correctly. In such occasions Access Control based on group membership did not work correctly. This has been fixed.

Hanging window caused DDE to function incorrectly

A 'hanging' window could cause a file opened through DDE not to be opened correctly. The associated application would start without opening the file itself. This has been fixed.

Hide drive policy incorrectly enforced after a refresh due to network change

If the setting **Refresh Drive and port mappings when network connectivity changes** was set and a session was refreshed due to a network change, the hide drive policy was not changed accordingly. As a result the hide drive policy was not properly updated. This has been fixed.

Incomplete user event logs after refresh due to change in IP Address

If the setting **Composition > Desktop > Lockdown and Behavior > Do not refresh Workspace when network connectivity changes** was disabled and a session refreshed due to a change in IP address, the resulting actions would not be logged in the user event log. This has been fixed.

Incorrect error message text when upgrading RES PowerFuse 2005 / Series 7 to 2010

Upgrading from RES PowerFuse 2005 / Series 7 to RES PowerFuse 2010 could result in the following error message:

"RES PowerFuse version 8 does not support the FoxPro database type anymore. Please first use the RES PowerFuse Workspace Composer to migrate your database to an SQL type database before running the RES PowerFuse version 8 PowerPack."

This error message has been rectified to reflect the correct RES PowerFuse version.

Instant LogOff: Improved performance

The performance of Instant LogOff has been improved.

Instant Reports: No Workspace Model section or Event Logs in Workspace Analysis Instant Report

An Instant report of Workspace Analysis did not contain a **Workspace Model** section or Event Logs. This has been fixed.

Instant Reports: Unable to create Instant Report of Workspace Analysis > Delegated Access Control

When creating an Instant Report of Workspace Analysis, the **<username>** > **Diagnostics > Delegated Access Control** section was missing. Also it was not possible to create an Instant Report of just the **Delegated Access Control** section. This has been fixed.

Internet Explorer pin to taskbar issues on Microsoft Windows 7 x64

On Microsoft Windows 7 x64 systems with Microsoft Internet Explorer pinned to the Taskbar, starting Internet Explorer would result in a second icon on the Taskbar. Also, it was possible that multiple Microsoft Internet Explorer shortcuts would be created on the desktop. This has been fixed.

Items pinned to Taskbar not saved after logging off without refreshing

Items manually (i.e. not by using the Workspace Preferences tool) pinned to the Taskbar in a RES PowerFuse session running on Microsoft Windows 7 were not saved if the session was not refreshed after pinning them. This has been fixed.

Logon time to read-only domain controllers reduced

Logging on to a read-only domain controller could be very slow. Several improvements have been made to reduce logon times. However, a read-only domain controller has some restrictions that always cause sessions to experience longer logon times as compared to a full domain controller.

Management Console: Unable to start if the Datastore contained over 1500 applications

If the RES PowerFuse Datastore contained over 1500 applications, starting the RES PowerFuse Management Console could fail with an 'out of memory' error. This has been fixed.

MemberOf property not saved in cached credentials

Configuration items (e.g. Zones) based on the Active Directory property 'memberOf' did not work in an offline session. This property was not saved correctly in the user's cached credentials. This has been fixed.

Microsoft App-V/SoftGrid virtualized command boxes not shown

When starting several Microsoft App-V/SoftGrid virtualized command boxes, only the command box that was started last was visible; the other command boxes were set to hidden. This has been fixed.

Microsoft Excel documents did not always get focus after being opened in the RES PowerFuse shell

If a Microsoft Excel document was opened by double-clicking it, it did not always get the focus if the RES PowerFuse shell was used. This has been fixed.

Network drives could remain visible in offline sessions after a refresh

If the **Refresh Drive and Port Mappings when network connectivity changes option** was enabled at **Composition > Files and Folders > Drive and Port Mappings** and the session was disconnected, existing network drives were not correctly disconnected and would remain visible in the Windows Explorer. This has been fixed.

Network Security: Subnet masks did not always function correctly

In certain situations **Security > Network** did not work correctly when using subnet masks. This has been fixed.

Performance improvement when using DDE

Using DDE in combination with RES PowerFuse results in a reduced use of system resources.

Position of desktop items lost on 64-bit versions of Microsoft Windows when setting "#minutes until AutoRefresh check" to less than 5 minutes

The position of desktop items on 64-bit versions of Microsoft Windows could be lost between sessions when the setting **#minutes until AutoRefresh check** in the **Advanced Configuration** of the Management Console was set to less than 5 minutes. This has been fixed.

Printing Preferences: Unexpected additional default printer

In **Printing Preferences - Advanced** an additional default printer for the current location could be created unexpectedly. This has been fixed.

Refreshing environment variables with multiple values issue

Refreshing environment variables (due to the setting **Reset Environment Variables on refresh of Workspace**) did not work properly when the same variable name had 2 different values (e.g. different values for offline and online state). This has been fixed.

RegGuard Driver: Crash resulting in BSOD

In rare occasions the system could crash (BSOD) in the RegGuard driver with the following stop code: PAGE_FAULT_IN_NON_PAGED_AREA. This has been fixed.

Registry Setting Actions configured to "Run once" were executed again after editing

When a Registry Setting Action that was configured to **Run once** was edited, it would be executed again. This has been fixed.

Remote Assistance: Connections based on client name did not work

Remote Assistance did try to connect the client based on its IP address. This does not always work (e.g. on a wide area network). Remote assistance will now first try to make a connection based on the client's name.

Remote Assistance: Not functional on a console only installation on Windows XP

On a console only installation of RES PowerFuse on Microsoft Windows XP, sometimes **Setup > Integration > Remote Assistance** would not be functional. This has been fixed.

Removable Disks: Unexpected security notifications

When inserting a removable disk multiple unexpected security notifications could be displayed regarding access to that disk. This has been fixed.

RES PowerFuse Shell: Error when opening 75+ windows

If the RES PowerFuse Shell was used, the following error could be displayed when opening over 75 windows simultaneously:

Process: pfwsmgr.exe

Procedure: UpdateSwitch

Error #: 340

Error description: Control array element 'x' does not exist

This has been fixed.

RES PowerFuse Workspace Composer could hang at logon when using the Microsoft Windows shell

Under rare circumstances the RES PowerFuse Workspace Composer appeared to hang at logon if the Microsoft Windows Shell was used. The desktop would never be displayed. This has been fixed.

RES PowerFuse Workspace Composer could hang when opening Microsoft Word document

When opening a Microsoft Word document (by clicking a .DOC(X) file), the RES PowerFuse Workspace Composer could hang. This has been fixed.

RES PowerFuse Workspace Composer process could be killed during forced logoff on Microsoft Windows Vista and higher

On Microsoft Windows 7 and Vista machines the RES Wisdom Management Console could be killed prematurely when logging off. This could happen if an application could not be closed automatically by Windows when logging off and the user then chose the "Force Logoff" option. This has been fixed.

RES PowerFuse Workspace Composer restarted after crash at logoff

When the RES PowerFuse Workspace Composer crashed during logoff, it was erroneously restarted. This has been fixed.

Sessions: A session is already active

When starting a published application users might erroneously get a Sessions message box telling that there is already an active session. This has been fixed.

Shortcuts in Startup folder in AllUsersProfile were auto launched by Windows

On Microsoft Windows 7 x64 machines, shortcuts in the `Startup` folder in `%SystemDrive%\ProgramData\` were auto launched even if they were not managed by RES PowerFuse. This has been fixed.

Start Menu appears empty after refresh

After refreshing the Start Menu in a RES PowerFuse session using the Microsoft Windows shell, the Start Menu could appear empty. This has been fixed.

Unable to start applications in RES PowerFuse sessions running on Microsoft Windows 2008 R2

In very rare cases applications could not be started when running RES PowerFuse 2010 on Microsoft Windows Server 2008 R2. Users would receive an error message stating "Application can't be started". This has been fixed.

Unable to start the Microsoft Windows shell with Microsoft Windows 2008 and XenApp 5

The Citrix registry 'Disable Explorer hook' (<http://support.citrix.com/article/CTX108784>) did not always work in Windows 2008 servers. As a result the Explorer.exe could not run in shell mode within a RES PowerFuse session. This has been fixed.

Usage Tracking: Updated error message text

Copying large amounts of data from the Usage Tracking viewer to the clipboard could result in the following error message: "Out of string space". This message has been replaced by the more descriptive message: "Too much data selected. Data cannot be copied to the clipboard."

USB presentation remote control devices not functioning correctly

USB presentation remote control devices could fail to work after starting or refreshing a RES PowerFuse session. This has been fixed.

User Sessions: Performance improvement in Management Console

The time needed to retrieve **Diagnostics > User Sessions** information in the Management Console has been reduced.

User Sessions: Send message to option did not always work

In rare occasions no message was displayed in the user's session when sending a message with the '**Send message to**' option that is available from the context menu at **Diagnostics > User Sessions**. This has been fixed.

User Settings: Disabling User Settings on Application level did not work properly

Disabling User Settings on Application level did not work properly as these User Settings were still collected and saved at application/session end. This has been fixed.

User Settings: Restore Settings button unavailable in Workspace Preferences tool

If User Settings of more than one application could be restored by a user, the button to restore settings would be unavailable in the users' Workspace Preferences tool. This has been fixed.

User Settings: Restoring files could result in an error during logon

If User Setting files were restored during logon, the following error message could be displayed:

Process: `pfwsmgr.exe`

Procedure: `modWUP.SetUTCFileDateTime`

Error #: 13

Error description: `Type mismatch`

This has been fixed.

User Settings: Restoring files did not maintain original timestamp if the filename contained Unicode characters

If a file was restored with User Settings , the original timestamp of the file was not maintained if the filename contained Unicode characters. This has been fixed.

User Settings: User Settings could overrule Registry Settings on global level

The execution order of **User Home Directory**, **User Profile Directory**, **Folder Synchronization**, **User Settings** and **User Registry** has changed.

Sequence is now **User Home Directory** -> **Folder Synchronization** -> **User Settings** -> **User Registry** -> **User Profile Directory**.

As a result Registry Settings on global level cannot be overruled anymore by User Settings.

Using Smart Documents caused a delay when opening documents

Using Smart Documents caused a delay of up to 11 seconds before opening documents. This has been fixed.

Winword.exe could be started upon opening an .xlsx file from SharePoint

In rare occasions Microsoft Word (Winword.exe) could be started when opening an .xlsx (Microsoft Excel) file from a Microsoft SharePoint document library. This has been fixed.

Workspace Analysis: Details retrieved slowly in large Active Directory configurations

In large Active Directory configurations, retrieving Workspace Analysis Details for single users could take up to 15 seconds to complete. This has been fixed.

Workspace Analysis: Security Logs not always retrieved

When viewing a user's Workspace Analysis Details at **Diagnostics > Workspace Analysis**, the security logs for a specific user at **<username> > Security** were only retrieved if the mode the security feature was running in was set to "Learning". This has been fixed.

Workspace Analysis: User Settings cannot be read

If the user's home drive was mapped with a variable (e.g. %personaldrive%) or if the option **Use %reshomedrive% environment variable to determine home drive** was checked at **Composition > Files and Folders > User Home Drive**, stored User Settings for a specific user could not be found when viewing a user's Workspace Analysis Details at **Diagnostics > Workspace Analysis**. This has been fixed.

Workspace Designer: If Application defaults exist, application not displayed in session

In some occasions applications that were created with the Workspace Designer would be available in the Management Console but would not show up in the users' sessions. This could happen if application defaults were set at **Composition > Applications > Managed Applications > Properties**. This has been fixed.

Workspace Designer: 'Only show objects accessed in the last 30 days' displayed incorrect results

When analyzing applications with the Workspace Designer, the option **Only show objects accessed in the last 30 days** could in rare occasions display applications that were accessed longer than 30 days ago or applications that had not been accessed at all. This has been fixed.

Workspace Model exceptions applicable to a set scope were read-only

When a scope is set to a specific Workspace, only Workspace Model exceptions are visible that apply to that workspace. Previously it was not possible to add or edit any of these exceptions, even if they were within that scope. This has been fixed.

Workspace Preferences: Pin to Taskbar issues

If a Multilingual User Interface Pack (MUI) was installed on Microsoft Windows, items pinned or unpinned with the Workspace Preferences tool sometimes did not become visible on the taskbar.

Also after a 'refresh startmenu' items previously on the taskbar could suddenly disappear.

Finally, when the application mode was set to 'merge with existing applications' items could be created twice. After logging off and logging on again, such items would become visible with '(2)' in the title. These issues have been fixed.

Workspace Preferences: Swap mouse buttons option was not saved

If the registry key [HKEY_CURRENT_USER\Control Panel\Mouse] was included in global User Settings, and a user had configured to swap mouse buttons via the Workspace Preferences tool, this setting would not be saved after logging off. This has been fixed.

Zones based on Computer OU membership combined with inheritance did not function correctly

Zones based on Computer OU membership in combination with inheritance of the OU path were not resolved properly. The Zone would not be granted to the user. This has been fixed.

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