

RES Workspace Manager 2011 SR3 Release Notes



Contents

1.	Enhancements and Improvements	1
	Drive Mappings: Support for offline folders of Microsoft Sync Center	1
	E-mail Settings: "Require Secure Password Authentication (SPA)" added for LDAP	1
	E-Mail Settings: Support for Zarafa Groupware Server.....	1
	Licensing: Check on available concurrent licenses optimized	1
	Licensing: Check on expired named licenses optimized	1
	Lockdown and Behavior: Option "Force Use of the Classic Start Menu" limited to Microsoft Windows XP, Vista and Windows Server 2008.....	2
	Managed Applications: Default Appld for pwrgate.exe	2
	Managed Applications: "Microsoft TS RemoteApp" tab selected by default when "Microsoft TS RemoteApp Publishing" is selected	2
	Managed Applications: Option "Add menu" not available in Administrative Role when using scope	2
	Managed Applications: Option to use System Center Configuration Manager as method for App-V applications	3
	Upgrade Pack: Unattended installation now gives error code in case of fail	3
	User Settings: Performance of reading tracked User Settings improved	3
	Workspace Composer: Extra option for Advanced detection of Connection State.....	3
	Workspace Composer: Restart behavior improved for Microsoft Windows 7	3
	Workspace Composer: Time outs of RES Agent Service and RES Workspace Composer optimized.....	4
2.	Fixes	5
	Active Setup timed out after 60 seconds	5
	Administrative Roles: Scope control on OU root not functioning	5
	Agents: Cache continuously updated value for "EDBCD" setting	5
	Agents: Simultaneous cache update caused issues	5
	Audit Trail: Screensaver Audit Trail shows wrong information	5
	Building Blocks: Issue with multiple files and applications with the same name	5
	Building Blocks: "Run Once" tasks executed again after importing Building Block	6
	Building Blocks: Wrong item selected in tree view when using "Select items..."	6
	Common Error Log: Error 53 "File not found"	6
	Connection States: Advanced detection of Connection State not working with Zone based on Computer OU membership	6
	Datstore: "Connect to remote database" no longer working after installing RES Workspace Manager 2011 SR2.....	6
	Datstore Maintenance: Option "Rename group or user" also shown when user only had Read permissions.....	6
	Datstore Maintenance: Wrong users reported when searching for non-existing users	7
	E-mail Settings: Additional mailboxes in Nordic version of Microsoft Outlook displayed incorrectly.....	7
	Error message: "Permission denied"	7
	Error message: "Subscript out of range"	7
	Event Log: Error "Existing log not found for session..."	7
	Execute Command: Asynchronous scripts not executed properly	7
	Files and Folders: Folder Synchronization could fail	8
	Files and Folders Security: Recycle Bin blocked	8
	Folder Synchronization: Editing Folder Synchronization items only possible with Full Access rights on Environment Variables	8
	Folder Synchronization fails if remote folder is a non-existing Environment Variable	8
	Folder Synchronization: Incorrect error message when creating Building Block	8

Laptops: Empty cached credentials	8
Licensing: Activation process optimized.....	8
Licensing: Error "Object not found (91)" in License Wizard when using RES Workspace Manager Express edition and MySQL.....	9
Licensing: Incorrect license count	9
Licensing: No cached licenses available	9
Lockdown and Behavior: Action Power button handled incorrectly	9
Lockdown and Behavior: Option "Disable Add/Remove Programs" not working on non-English Microsoft Windows 7.....	9
Lockdown and Behavior: Session shutdown/restart did not run down properly.....	9
Lockdown and Behavior: Session shutdown resulted in refresh of workspace	10
Lockdown and Behavior: Setting "Always hide logoff in context menu" not working	10
Lockdown and Behavior: Some Explorer policies cannot be set via registry tasks	10
Managed Applications: AppGuard driver could crash (BSOD)	10
Managed Applications: Applications limited to RES Workspace Manager shell also available when using Microsoft Windows shell.....	10
Managed Applications: Both managed and unmanaged shortcuts shown on desktop.....	10
Managed Applications: Custom ICA file for Citrix XenApp Published applications handled incorrectly.....	11
Managed Applications: "Disable Active Setup (skips first-time shell init)" did not work correctly	11
Managed Applications: Dynamic Privileges not working correctly on Microsoft Windows Vista	11
Managed Applications: Dynamic Privileges not working for Microsoft App-V applications ...	11
Managed Applications: Error when adding user manually	11
Managed Applications: "Forced Logoff" (option -44) added to be used via pwrgate.exe	11
Managed Applications: Group names truncated in Import Wizard	12
Managed Applications: Incorrect Microsoft App-V icons in Citrix XenApp Web Interface.....	12
Managed Applications: Option "Required connection state" caused erroneous connection state messages in Event Log of user	12
Managed Applications: Predefined session window size for Citrix XenApp published applications not working.....	12
Managed Applications: When using "Merge with unmanaged shortcuts", all unmanaged shortcuts from the common Start Menu are removed.....	12
Microsoft App-V: SFTMime processes stall / "out of memory" errors on Microsoft Windows 7 and higher	12
NetGuard: Driver upgraded to allow DPC (Deferred Procedure Call) level logging	12
Permissions needed for "Restore User Settings" and "Add/Remove Citrix XenApp servers" wizard incorrect.....	13
Printers: Printers not removed based on connection/location	13
Printers: Printer set as default not connected in async mode	13
RES Automation Manager Tasks: Scheduling a Module in RES Workspace Manager results in error message.....	13
RES Workspace Manager: Not shutting down properly when PC is locked.....	13
RES Workspace Manager Console: Desktop foreground and background color limited to prevent errors	13
RES Workspace Manager Console: Dynamic Privileges on User Installed Applications not shown	13
RES Workspace Manager Console: Retrieving Database size from Console takes long time when using Oracle Database	14
RES Workspace Manager Shell: Notepad ++ freezes up when deleting or renaming opened file in background.....	14
RES Workspace Manager Shell: "Show or hide desktop" requires second click	14
RES VDX: VDX not connected after XenDesktop Refresh.....	14
RES Workspace Extender: Two Workspace Refreshes after reconnecting session	14
SessionGuard: Message after session crash on notebook	14
Uninstall RES Workspace Manager: Environment variable %RESPFDIR% not cleaned up.....	14
Usage Tracking: Context menu in Usage Tracking incorrect.....	15
User Event Log: Not showing creation of Data Sources	15
User Event Log: Too many messages regarding Connection State in Event Log	15
User Settings: Compacting Zero Profile Technology produces many errors in error log	15

User Settings: Environment variable does not work correctly with User Settings	15
User Settings: For App-V application not working properly	15
User Settings: For App-V sometimes not saved.....	15
User Settings: For ThinApp application not restored properly	15
User Settings: Microsoft Outlook settings not saved	15
User Settings: Migration did not work correctly when target location already existed	16
User Settings: Not loaded after running Configuration Wizard	16
User Settings: Not stored correctly when ending on "CRLF" character.....	16
VMWare View: Session not detected by RES Workspace Manager Composer.....	16
WebGuard: Blocked website does not show message	16
Workspace Composer: Blank icons of active Microsoft App-V applications on taskbar after refreshing workspace.....	17
Workspace Composer: Icons moved when refreshing workspace and using multiple screens	17
Workspace Composer: Logging network security events not working properly.....	17
Workspace Composer: Login failed with error "Locally cached RES Workspace Manager settings were not found".....	17
Workspace Composer: Manual workspace refresh caused multiple refreshes	17
Workspace Composer: Minimized application opens maximized after disconnect/reconnect	17
Workspace Composer: Pinning items to taskbar sometimes impossible	18
Workspace Composer: Sessions failed to load	18
Workspace Composer: Waiting time for Active Directory too short	18
Workspace Analysis: Connection State of user registry shown incorrectly	18
Workspace Analysis: Incorrect values in Workspace Extension column of Managed Applications overview in User Workspace Analysis	18
XenApp 6.5: Winlogon process keeps using 100% CPU while logging off	18

1. Enhancements and Improvements

Drive Mappings: Support for offline folders of Microsoft Sync Center

At **Composition > Files and Folders > Drive and Port Mappings**, folders that are made available offline via Microsoft Sync Center can now also be mapped when in an offline state in RES Workspace Manager.

Microsoft Sync Center is new functionality in Microsoft Windows 7 that allows you to synchronize files between your network and computer in an easy way. When you have selected drives to be **Always available offline** in Microsoft Sync Center, these drives can be accessed even when you are offline.

E-mail Settings: "Require Secure Password Authentication (SPA)" added for LDAP

At **Composition > Applications > E-mail Settings**, the option **Require Secure Password Authentication (SPA)** has been added for Microsoft LDAP Directory. This was necessary because the LDAP could not be queried if the user name field was left blank; and if a user name was entered, Microsoft Outlook would prompt for a password every time.

E-Mail Settings: Support for Zarafa Groupware Server

At **Composition > Applications > E-Mail Settings, Add E-Mail Settings**, Zarafa Groupware Server is now supported.

The following items can be configured:

- Protocol (default: https)
- Server
- Username
- Port (default: 237)

Licensing: Check on available concurrent licenses optimized

When a user starts a new session, RES Workspace Manager performs a check on any available concurrent licenses. This process has been optimized to reduce the amount of database queries needed to perform this check.

Licensing: Check on expired named licenses optimized

The process to determine whether RES Workspace Manager needs to clean up expired Named Licenses has been optimized, resulting in less database traffic during working hours.

Lockdown and Behavior: Option "Force Use of the Classic Start Menu" limited to Microsoft Windows XP, Vista and Windows Server 2008

The option **Force Use of the Classic Start Menu** at **Composition > Desktop > Lockdown and Behavior** in the RES Workspace Manager Console, is no longer functional for Microsoft Windows 7 and higher.

Enabling the associated registry setting in Microsoft Windows 7 and higher led to unexpected behavior of Microsoft Windows after initiating RES Workspace Manager. The result in that situation was the exhibition of unwanted folders on the Desktop (that is, Control Panel, Home Group, etc.). This has now been corrected.

The option description in the GUI "Windows or later" has been changed in "versions prior to Windows 7".

Managed Applications: Default ApplId for pwrgate.exe

In certain situations (e.g. when using the Datatrac application), Managed Applications did not start correctly because `pwrgate.exe` was started without any arguments.

To solve this issue, set the following registry entry:

Key:	<ul style="list-style-type: none">HKLM\Software\RES\Workspace Manager (32-bits)HKLM\Software\Wow6432Node\RES\Workspace Manager (64-bits)
Type:	REG_SZ
Value name:	PwrGateApplId
Value data:	<application id to start when arguments are missing>

Managed Applications: "Microsoft TS RemoteApp" tab selected by default when "Microsoft TS RemoteApp Publishing" is selected

At **Composition > Applications > Managed Applications**, clicking the **Publishing** tab when editing a managed application always resulted in Citrix XenApp as the default publishing application. This now depends on the option **Enable Microsoft TS RemoteApp Publishing**.

If this option is selected (and Citrix XenApp is not), **Microsoft TS RemoteApp Publishing** is the default when clicking the **Publishing** tab.

Managed Applications: Option "Add menu" not available in Administrative Role when using scope

At **Composition > Applications > Managed Applications**, from the **Start Menu** tab, a user with an Administrative Role with a scope is not allowed to add menus. This behavior is by design, because when it would be allowed, the user would be able to add menus outside his scope. However, this menu item was not shown in the context menu. It is now shown as grayed out.


This behavior does not apply to Technical Managers: they are always able to add menu items.

Managed Applications: Option to use System Center Configuration Manager as method for App-V applications

It is now possible to change an App-V application to be used directly with System Center Configuration Manager deployment. After adding the App-V application (e.g. by clicking the corresponding .Osd file), the edit window for the application has an extra check box, **Use SCCM to deploy App-V application**. Selecting this check box has the following effects:

- The command line will be changed to use `VappLauncher.exe` instead of `sfttray.exe`
- The working directory will also be changed
- On the Settings tab, the setting **Hide application if executable was not found** will be selected, and cannot be changed. This is done to ensure that the application cannot be started until the SCCM deployment for this application has completed.

To revert the application simply de-select the **Use SCCM to deploy App-V application** check box. The command line will be changed back to `sfttray.exe`.

 **Note**

The checkbox **Use SCCM to deploy App-V application** is only available when System Center Configuration Manager has been installed on the system on which the RES Workspace Manager Console is opened. The RES Workspace Manager Console checks whether System Center Configuration Manager has been installed.

Upgrade Pack: Unattended installation now gives error code in case of fail

When an unattended Upgrade Pack of RES Workspace Manager is used for deployment in the background (e.g. with RES Automation Manager or other deployment software), an error code "Error code 1" will now be returned if the Upgrade Pack fails to install. This makes it easier to detect that the deployment failed.

User Settings: Performance of reading tracked User Settings improved

When a user starts a session, the performance of reading tracked User Settings from the registry has been improved. Tracked User Settings will now be read faster.

Workspace Composer: Extra option for Advanced detection of Connection State

At **Context > Connection States**, it is now possible to specify that the RES Workspace Composer keeps checking the connection state until the session is online. To enable this option, select **Continuously until session online** at **Advanced detection of Connection State**.

Workspace Composer: Restart behavior improved for Microsoft Windows 7

In certain situations, when a user restarted a Microsoft Windows 7 workstation, this initiated a shutdown. The way in which the Workspace Composer handles restarts has been improved.

Also, in some situations the computer performed a shutdown instead of a restart when a session was logged off. This has been fixed. This only occurred in Microsoft Windows 7.

Workspace Composer: Time outs of RES Agent Service and RES Workspace Composer optimized

In an environment with possible serious database latency, there are specific conditions where the time-out settings of the RES Agent service could have an influence on the time out of the RES Workspace Composer. This would trigger a timing issue in the startup cycle of the Workspace Composer. The Workspace Composer does not require a database connection.

To verify licensing availability and to verify instant passthrough licensing, however, the Workspace Composer sends a request to the RES Agent service to check for license availability. The timing sequence of the request by the Workspace Composer to the RES Agent service and the abort of this request, together with the timing of the request of the RES Agent service to the database have been tuned. The result of the timing issue could cause an inconsistent result in the setting of policies in the registry by the Workspace Composer.

2. Fixes

Active Setup timed out after 60 seconds

In rare circumstances, Active Setup (which is used to execute an application that is not registered or if the version in the Current User registry is lower than in the Local Machine registry) takes more than 60 seconds to complete. This could result in a timeout at logon. With the following registry value the Active Setup Timeout can be configured:

Key:	<ul style="list-style-type: none">• HKLM\Software\RES\Workspace Manager (32-bits)• HKLM\Software\Wow6432Node\RES\Workspace Manager (64-bits)
Type:	REG_DWORD
Value Name:	ActiveSetupTimeout
Value Data:	#seconds to wait

Administrative Roles: Scope control on OU root not functioning

At **Composition > Applications > Managed applications > Access Control**, the scope of an Administrative Role could not be set on the root level of **OU membership** or on **All users**. This was caused by the fact that the Administrative Role did not have Write permissions for the configured items. This has been fixed.

Agents: Cache continuously updated value for "EDBCD" setting

In certain circumstances, Agents continuously updated the value for the setting **EDBCD (Database Creation Date)**. This caused many **Audit Trail** records. This has been fixed.

Agents: Simultaneous cache update caused issues

When Agents could not perform a cache update in time (e.g. when the Datastore connection was lost), Agents tended to update their cache simultaneously with other Agents. This could cause issues. This has been fixed. Cache update times are now spread randomly over the Agents according to the cache update interval set at **Setup > Agents, Update agent cache**.

Audit Trail: Screensaver Audit Trail shows wrong information

At **Composition > Desktop > Screensaver > Audit Trail**, the Audit Trail also showed entries **Desktop\StartMenu** and **Taskbar** instead of only **Desktop\Screensaver**. This has been fixed.

Building Blocks: Issue with multiple files and applications with the same name

At **Composition > Applications > Managed Applications**, when a menu contained multiple applications with the same name, it was not possible to create Building Blocks with multiple files, because the Building Block file name for the application would be the same. This has been fixed. If these "double" applications exist, the application ID will now be added to the Building Block file name to make it unique.

Building Blocks: "Run Once" tasks executed again after importing Building Block

When importing a Building Block that contained managed applications, any **Run Once** tasks that were configured for these applications were reset. As a result, tasks that were configured to **Run Once** were executed for a second time in the user workspace. This has been fixed.

Building Blocks: Wrong item selected in tree view when using "Select items..."

When creating a Building Block and using the option **Select items for Building Blocks**, or when creating an Instant Report and using the option **Select Items for Instant Report**, and selecting an item in the right pane, sometimes the wrong item was selected in the tree view. This has been fixed.

Common Error Log: Error 53 "File not found"

Occasionally, when **User Sessions Security** was enabled, at **Security > User Sessions**, and a user started a session, the following error could appear in the common error log:

Process	pfwsmgr.exe (2011.0.9741)
Procedure	fIngCheckGuard at line 120
Error #	53
Error description	File not found

This has been fixed.

Connection States: Advanced detection of Connection State not working with Zone based on Computer OU membership

At **Context > Connection States**, when **Advanced detection of Connection State** rules were based on Zones that depended on Computer OU membership, these rules did not work in the Workspace Composer. This has been fixed.

Datastore: "Connect to remote database" no longer working after installing RES Workspace Manager 2011 SR2

After installing RES Workspace Manager 2011 SR2, the option **File > Connect to remote database** no longer worked. The Console would reload, but connected to the primary Datastore. This has been fixed.

Datastore Maintenance: Option "Rename group or user" also shown when user only had Read permissions

At **Setup > Datastore > Maintenance**, the action **Rename group or user** was also shown when the user only had Read permissions. However, when selecting the option, it proved to be disabled. This has been changed. The option is no longer shown when the user has no Modify permissions.

Datastore Maintenance: Wrong users reported when searching for non-existing users

At **Setup > Datastore > Maintenance**, the option **Search for non-existing users** sometimes reported users erroneously as non-existing. This could occur when at **Context > Directory Service** a Directory Service for the type **Microsoft Windows Domain** was configured with explicit credentials (User name and Password). This has been fixed.

E-mail Settings: Additional mailboxes in Nordic version of Microsoft Outlook displayed incorrectly

At **Composition > Applications > E-mail Settings**, when an additional mailbox for Microsoft Exchange Server was added in combination with a Nordic version of Microsoft Outlook, this could result in a mailbox called "Microsoft Exchange - meldingslager" instead of the mailbox name. This has been fixed.

Error message: "Permission denied"

At **Diagnostics > Errors**, in rare circumstances the following error could appear in the common error log:

Process	pwrgrid.exe
Procedure	sharedUserPreferences.fysnLoadUserPreferenceSettingFromTransaction
Error #	70
Error description	Permission denied

This has been fixed.

Error message: "Subscript out of range"

At **Diagnostics > Errors**, in rare circumstances the following error could appear in the common error log:

Process	pfwsmgr.exe
Procedure	sharedUserPreferences.fysnExceptionApplies
Error #	9
Error description	Subscript out of range

This has been fixed.

Event Log: Error "Existing log not found for session..."

When a laptop goes online, all pending transactions are stored in the Datastore.

At **Diagnostics > Workspace Analysis**, this could result in the error message "Existing log not found for session..." in the Event Log of the user (at **Diagnostics > Event Log**). This has been fixed.

Execute Command: Asynchronous scripts not executed properly

At **Composition > Other > Execute Command**, when a script was configured to run **At logon**, and the option **Wait for task to finish before continuing** was not selected on the **Properties** tab, the script sometimes did not complete. This has been fixed.

Files and Folders: Folder Synchronization could fail

At **Composition > Files and folders > Folder Synchronization**, a folder synchronization operation could fail. The error returned was "Folder sync failed (not enough disk space)", even if the target folder had more than enough free space. This could occur when the file to be synchronized was larger than the free space (usually on the C: drive). This has been fixed.

Files and Folders Security: Recycle Bin blocked

In rare circumstances, when **Files and Folders Security** was enabled at **Security > Data > Files and Folders** and the desktop folder was redirected to a network share, the Recycle Bin on the home drive would be blocked in the Workspace Composer. This has been fixed.

Folder Synchronization: Editing Folder Synchronization items only possible with Full Access rights on Environment Variables

Editing Folder Synchronization items in the RES Workspace Manager Console at **Composition > Files and folders > Folder Synchronization**, was only possible with Full Access rights on Environment Variables. This has been fixed. This means that an Administrative Role without access to Environment Variables can now edit Folder Synchronization items.

Folder Synchronization fails if remote folder is a non-existing Environment Variable

If the remote folder in a Folder Synchronization was based on a non-existing Environment Variable, the Folder Synchronization would result in unexpected behavior. A folder with the name of the Environment Variable could be created in the RES Workspace Manager's installation folder, and the Folder Synchronization would use that folder.

The new behavior is that in such a case the Folder Synchronization will not be performed, and an error will be reported in the user's event log.

Folder Synchronization: Incorrect error message when creating Building Block

At **Composition > Files and Folders > Folder Synchronization**, when creating a Building Block of a **Folder Synchronization** item, this could result in the following incorrect error:

"Cannot create a Building Block of items associated with an application. Use "Managed Applications" to create a Building Block of the application with all its associated settings." This has been fixed.

Laptops: Empty cached credentials

Sometimes when laptops resumed from hibernation, a cached credentials file would be created containing almost no information. Also items based on the `$ADINFO()` function would not produce valid results. This has been fixed.

Licensing: Activation process optimized

The License activation process has been optimized.

Licensing: Error "Object not found (91)" in License Wizard when using RES Workspace Manager Express edition and MySQL

At **Setup > Licensing**, when using the License Wizard in an RES Workspace Manager Express edition on a Datastore created with a MySQL version, the following error could occur:

Process	pfwsmgr.exe
Procedure	License wizard
Error #	91
Error description	Object not found

The same issue could occur when upgrading an RES Workspace Manager Express edition with a MySQL Datastore. This has been fixed.

Licensing: Incorrect license count

At **Setup > Licensing**, when removing Named Licenses from the Datastore, claimed Named Licenses were reclaimed for another 45 days. This has been fixed. Any claimed licenses will now expire within 45 days after the date of the last claim date.

Licensing: No cached licenses available

In a RES Workspace Manager laptop session, it was possible that no licenses were available in offline state when the laptop was restarted out of sleeping mode. This has been fixed.

Lockdown and Behavior: Action Power button handled incorrectly

At **Composition > Desktop > Lockdown and Behavior**, if the Lockdown setting **Always hide logoff in context menu** is enabled, the value of the Microsoft Windows 7 Power button might change according to the following logic:

- If the value was **Log off**, it will be set to **Shut down**, unless **Shut down** is disabled. In that case it will be set to **Lock**.
- If the value was **Shut down** or **Restart**, and **Shut down** is disabled, it will be set to **Lock**.
- In all other cases, the Power button will not be affected.

Lockdown and Behavior: Option "Disable Add/Remove Programs" not working on non-English Microsoft Windows 7

At **Composition > Desktop > Lockdown and Behavior**, when the option **Disable Add/Remove Programs** in the **Windows Explorer** section was selected, this did not have any effect on systems running a non-English version of Microsoft Windows 7. This has been fixed.

Lockdown and Behavior: Session shutdown/restart did not run down properly

In sessions using the RES Workspace Manager Shell, when users closed a session with **Shutdown** or **Restart**, the system was shut down immediately. As a result, the closing processes of RES Workspace Manager did not run. This has been fixed.

Lockdown and Behavior: Session shutdown resulted in refresh of workspace

In rare circumstances, and only when using the RES Workspace Manager Shell, a session shutdown could result in a **Refresh Workspace**. This has been fixed.

Lockdown and Behavior: Setting "Always hide logoff in context menu" not working

The Lockdown setting **Always hide "Log Off" in context menu** at **Composition > Desktop > Lockdown and Behavior** had no effect. This has been fixed.

Lockdown and Behavior: Some Explorer policies cannot be set via registry tasks

The following Explorer policies (enabled at **Composition > Desktop > Lockdown and Behavior**) could not be set via registry tasks because they were always overwritten by the global Lockdown and Behavior settings:

- NoClose
- NoDisconnect
- NoLogoff
- StartMenuLogoff

This has been fixed.

Managed Applications: AppGuard driver could crash (BSOD)

In very rare occasions, the previous versions of AppGuard could cause a BSOD when AppGuard tried to perform an operation on an already deleted file. This has been fixed.

Managed Applications: Applications limited to RES Workspace Manager shell also available when using Microsoft Windows shell

At **Composition > Applications > Managed Applications**, when **Application availability** of an application was set to RES Workspace Manager Shell (on the tab **Properties > Settings**), the application was still available in sessions using the Microsoft Windows shell. This has been fixed.

Managed Applications: Both managed and unmanaged shortcuts shown on desktop

In the following situation, managed and unmanaged shortcuts to the same application could appear on the desktop when a user started a session:

1. At **Composition > Applications > Managed Applications > Properties**, when **Windows Shell shortcut creation** was set to **Merge with unmanaged shortcuts**, and
2. At **Composition > Applications > Managed Applications**, when **Replace existing unmanaged shortcuts** was selected on the **Properties > General** tab of the managed application, and
3. At **Composition > Applications > Managed Applications**, when **Desktop: Set Mandatory shortcut** was selected on the **Properties > General** tab of the managed application.

This has been fixed.

Managed Applications: Custom ICA file for Citrix XenApp Published applications handled incorrectly

At **Composition > Applications > Managed Applications**, when a custom ICA file was used to publish a Citrix XenApp application and the option **Enable Instant Passthrough** was selected, a message was shown that the application should first be published without a custom ICA file. This was correct. However, when the custom ICA file was used for the second time, the wrong Application ID was used. This has been fixed.

Managed Applications: "Disable Active Setup (skips first-time shell init)" did not work correctly

At **Composition > Applications > Managed Applications**, on the **Properties** tab, the option **Disable Active setup (skips first-time shell init)** did not work correctly. This could occur when **Windows Shell shortcut creation** was set to **Do nothing** or **Merge with unmanaged shortcuts**. This has been fixed.

Managed Applications: Dynamic Privileges not working correctly on Microsoft Windows Vista

At **Composition > Applications > Managed Applications**, when an application was set up to run with dynamic privileges and with a parameter list, the application did not start in a session running on Microsoft Windows Vista and Microsoft Windows 2008 Server. This has been fixed.

Managed Applications: Dynamic Privileges not working for Microsoft App-V applications

At **Composition > Applications > Managed Applications**, when a Microsoft App-V application was configured with Dynamic Privileges that allowed the application to run with administrative rights, on the tab **Security > Dynamic Privileges**, the application was not started with these rights when the user started the application in the Workspace Composer. This has been fixed.

Managed Applications: Error when adding user manually

At **Composition > Applications > Managed Applications** when configuring an application and clicking the **Check** button on the **Access Control > Identity** tab when adding a user to the application manually, an error could occur: "The following groups and/or users could not be found: ...".

This error occurred when the NetBios name of the Directory Service differed from the Fully Qualified Domain Name (e.g. MyDomain versus ThisDomain.company.com). This has been fixed.

Managed Applications: "Forced Logoff" (option -44) added to be used via pwrgate.exe

A new option `pwrgate.exe -44` has been added. This results in a **Forced Logoff** of RES Workspace Manager Composer. It can be used in a virtual environment like Citrix XenDesktop to prevent a possible disruption of the standard Composer Logoff procedure. This is a known issue of Citrix XenDesktop version 4.0.5034 and higher in combination with Microsoft Windows XP. To use this command, add a managed application in the RES Workspace Manager Console that starts `pwrgate.exe -44`, make this available to users who experience a disruption of the standard Log Off procedure and hide the standard **Log Off** button.

Managed Applications: Group names truncated in Import Wizard

At **Composition > Applications > Managed Applications**, when using the Import Wizard to create an application, group names used for Access Control would be truncated at 50 characters. This has been fixed.

Managed Applications: Incorrect Microsoft App-V icons in Citrix XenApp Web Interface

At **Composition > Applications > Managed Applications**, when a Microsoft App-V application was published, the Citrix XenApp Web Interface did not show the correct icon. The `sfttray.exe` icon was shown. This has been fixed. Now, the correct custom icon is shown instead.

Managed Applications: Option "Required connection state" caused erroneous connection state messages in Event Log of user

At **Composition > Applications > Managed Applications**, when an application was configured with the option **Required connection state: Offline connection** selected on the tab **Properties > Settings**, erroneous connection state messages were reported in the user's event log, at **Diagnostics > Workspace Analysis**, when the application was started in the Workspace Composer. This has been fixed.

Managed Applications: Predefined session window size for Citrix XenApp published applications not working

At **Composition > Applications**, when a Citrix XenApp published application was configured with a predefined session window size (e.g. 800*600), on the tab **Properties > Publishing > Citrix XenApp Published Application > Settings**, this window size was not applied when the application was started in the Workspace Composer. This has been fixed.

Managed Applications: When using "Merge with unmanaged shortcuts", all unmanaged shortcuts from the common Start Menu are removed

At **Setup > Datastore > Advanced Settings**, when **Remove policy based registry keys before logging off** was not set, the Windows Shell shortcut creation mode **Merge with unmanaged shortcuts** for Managed Applications did not function properly. This could result in the removal of all unmanaged shortcuts from the common Start Menu of clients with this setting. This has been fixed.

Microsoft App-V: SFTMime processes stall / "out of memory" errors on Microsoft Windows 7 and higher

On Microsoft Windows 7 / Windows 2008 R2 systems, it was possible that an Agent running Microsoft App-V would get a lot of stalling `SFTMime.exe` processes (the process would start, but not stop). This could also lead to "out of memory" errors in the Event Log. This has been fixed.

NetGuard: Driver upgraded to allow DPC (Deferred Procedure Call) level logging

In rare occasions, a BSOD could occur caused by the NetGuard driver trying to log a message at the wrong priority level. This has been fixed.

Permissions needed for "Restore User Settings" and "Add/Remove Citrix XenApp servers" wizard incorrect

For the options **Restore User Settings** for a user session and **Add or remove Citrix XenApp servers to or from existing applications**, modify rights on the **Setup > Datastore > Connections** node were needed. This has been fixed.

- **Restore User Settings** now requires modify rights at **Diagnostics > User Sessions** in the Console.
- **Add or remove Citrix XenApp servers to or from existing applications** now requires modify rights at **Composition > Applications > Managed Applications** in the Console.

Printers: Printers not removed based on connection/location

In RES Workspace Manager at **Composition > Printers**, the Printer Properties **Disconnect all network printers before logging off** and **Disconnect all network printers before logging on** did not function properly in some situations. This has been fixed.

Printers: Printer set as default not connected in async mode

When the RES Workspace Manager Console printer options **Wait for task to finish before continuing** was switched off and **Set as default printer** was switched on for a printer, this printer would not be connected and would not be available in the Workspace Composer. This has been fixed.

RES Automation Manager Tasks: Scheduling a Module in RES Workspace Manager results in error message

At **Composition > Other > Automation Tasks**, when a Task based on a Module was scheduled, this could result in the error message: "The value entered for the schedule timeout is not valid. Please enter a value between 15 and 999 seconds." The minimum timeout value was initially set too low. This has been fixed.

RES Workspace Manager: Not shutting down properly when PC is locked

A RES Workspace Manager session did not shutdown properly when a workstation was locked after shutdown had been initiated. This has been fixed.

RES Workspace Manager Console: Desktop foreground and background color limited to prevent errors

At **Composition > Desktop > Background**, when the desktop foreground and background color value was set too high (stored in the `pwruser.ini`), this resulted in errors in the RES Workspace Manager Console **Error Log**. This has been fixed.

RES Workspace Manager Console: Dynamic Privileges on User Installed Applications not shown

When reloading a User Installed Application, the option **Run using Dynamic Privileges** at **Composition > Applications > Managed Applications > Configuration > Actions > Add Command**, was not shown. This has been fixed.

RES Workspace Manager Console: Retrieving Database size from Console takes long time when using Oracle Database

When using an Oracle Database, retrieving the Database size from the RES Workspace Manager Console at **Setup > Datastore** can take a long time or could even cause the Console to hang. In order to resolve this issue, the following registry entry can be set:

Key:	<ul style="list-style-type: none">• HKLM\Software\RES\Workspace Manager (32-bits)• HKLM\Software\Wow6432Node\RES\Workspace Manager (64-bits)
Type:	REG_DWORD
Value name:	DoNotAnalyseDB
Value data:	1

RES Workspace Manager Shell: Notepad ++ freezes up when deleting or renaming opened file in background

When a file that was opened in Notepad ++ in the RES Workspace Manager Shell was deleted or renamed in the background, Notepad ++ could freeze up. This has been fixed.

RES Workspace Manager Shell: "Show or hide desktop" requires second click

The **Show or hide desktop** icon in the RES Workspace Manager Shell on a 64-bit OS, did not always respond directly when clicked. Only after a second click would the desktop become visible. This has been fixed.

RES VDX: VDX not connected after XenDesktop Refresh

In rare circumstances, it could occur that VDX was not connected after a Citrix XenDesktop session **Refresh** because RES Workspace Manager could not make a handshake. This has been fixed.

RES Workspace Extender: Two Workspace Refreshes after reconnecting session

When running a RES Workspace Manager session in combination with RES Workspace Extender, reconnecting a session could result in two Workspace Refreshes. This has been fixed.

SessionGuard: Message after session crash on notebook

Starting a new session directly after a session crash on an offline notebook could result in a SessionGuard message referring to the previous existing session. This has been fixed.

Uninstall RES Workspace Manager: Environment variable %RESPFDIR% not cleaned up

After uninstalling RES Workspace Manager, the environment variable `%RESPFDIR%` was not cleaned up in the registry. This has been fixed, but only works after a new installation of RES Workspace Manager, NOT after an upgrade from previous versions.

Usage Tracking: Context menu in Usage Tracking incorrect

At **Setup > Usage Tracking**, the first item of the context menu was not always correct. This has been fixed.

User Event Log: Not showing creation of Data Sources

The User Event Log now shows the creation of Data Sources, stating their name.

User Event Log: Too many messages regarding Connection State in Event Log

At **Context > Connection States**, when **Advanced detection of Connection State** was used, too many "Detecting Connection State" messages were logged in the user's Event Log. This has been fixed.

User Settings: Compacting Zero Profile Technology produces many errors in error log

The error log could contain lots of errors, for example, "sharedUserpreferences.CompactZPTSettings", "Error 9: Subscript out of range". This could happen if a registry User Settings file (.UPR2 file) contained non-standard text. This has been fixed.

User Settings: Environment variable does not work correctly with User Settings

User Settings were not correctly saved and restored when environment variables without any arguments were used (e.g. %Favorites%) in the User Settings definition. This has been fixed.

User Settings: For App-V application not working properly

At **Composition > Applications > Managed Applications**, User Settings for an App-V application which was setup with **Capture targeted items at application end** did not work properly. The User Settings were not saved and thus not applied properly. This has been fixed.

User Settings: For App-V sometimes not saved

Sometimes, User Settings for App-V applications were not saved. This could happen if the "GUID" attribute in the .Osd file started with one or more zeroes. This was not handled properly by the RES Workspace Manager Composer and has been fixed.

User Settings: For ThinApp application not restored properly

When applying a User Setting for files for a ThinApp application, folders like %APPDATA% (which are real folder names in ThinApp) were not created properly. This has been fixed.

User Settings: Microsoft Outlook settings not saved

When opening an attachment in Microsoft Outlook, you can normally **Open** or **Save** it. By clearing the check box at **Always ask before opening this type of file** the option can be disabled. However, this setting was not stored in RES Workspace Manager. This has been fixed.

User Settings: Migration did not work correctly when target location already existed

At **Composition > User Settings**, when migrating User Settings to a new location, using **Copy** or **Move** with the option **Migration Settings**, did not work correctly when the target location already existed. This has been fixed.

User Settings: Not loaded after running Configuration Wizard

A new database was created, and the Configuration Wizard was used to create an environment. After that, trying to use User Settings for a sample application (e.g. Wordpad) did not work. The `\UserPref` folder was in the wrong place (in the root of the home drive instead of in the `\pwrmenu` folder), and the User Setting was not properly loaded during session startup. This has been fixed.

User Settings: Not stored correctly when ending on "CRLF" character

When the User Settings for an application were configured with **Capture targeted items**, any registry value (type string) which had a value ending with a `CRLF` character was not preserved correctly. The last character before the `CRLF` was not saved. As a result, the User Setting was not applied properly in the next session. This has been fixed.

VMWare View: Session not detected by RES Workspace Manager Composer

Sometimes VMWare View Clients were not recognized by the RES Workspace Manager Composer. This could be seen in the report at **Diagnostics > User Sessions**. Now, the detection whether a session runs on a VMWare View Client has been improved.

WebGuard: Blocked website does not show message

WebGuard now has the possibility to show a message box when an `url` is blocked. The message box can be configured to disappear automatically after an adjustable timeout.

This can be done by setting the following registry keys:

Key:	HKCU\Software\Policies\RES\WebGuardIE
Type:	REG_DWORD
Value name:	UseMsgBox
Value:	0=on / 1=off

Key:	HKCU\Software\Policies\RES\WebGuardIE
Type:	REG_DWORD
Value name:	MsgTimeout
Value:	5 (Timeout 5 seconds)

Workspace Composer: Blank icons of active Microsoft App-V applications on taskbar after refreshing workspace

In certain circumstances, icons of active Microsoft App-V applications on the taskbar become blank after a user refreshed the workspace. When the user refreshes the workspace again, the icons return to normal.

As a workaround for this issue, set the following registry entry:

Key:	<ul style="list-style-type: none">HKLM\Software\RES\Workspace Manager (32-bits)HKLM\Software\Wow6432Node\RES\Workspace Manager (64-bits)
Type:	REG_SZ
Value name:	DisableIconRefresh
Value data:	Yes

Workspace Composer: Icons moved when refreshing workspace and using multiple screens

In the following situation, all desktop icons were moved to the secondary screen when the user workspace was refreshed:

- A session ran on a machine with a single display (e.g. a laptop),
and
- An additional display was attached, which was configured to be on top of or left of the primary display.

This has been fixed.

Workspace Composer: Logging network security events not working properly

The RES Workspace Composer always logged network security events, even when the option **Log security events** was not selected at **Security > Network Connections**. This has been fixed.

Workspace Composer: Login failed with error "Locally cached RES Workspace Manager settings were not found"

In rare circumstances, when a user started a session the following error message was shown: "Locally cached RES Workspace Manager settings were not found. Please contact your administrator. RES Workspace Manager cannot continue...". This issue could occur when the Global Update GUID in the Agent cache was corrupt. This has been fixed.

Workspace Composer: Manual workspace refresh caused multiple refreshes

When a user performed a manual **Refresh Workspace** of his workspace, this could result in multiple refreshes. This has been fixed.

Workspace Composer: Minimized application opens maximized after disconnect/reconnect

When a user disconnected/reconnected a session, minimized applications could appear as maximized. This has been fixed.

Workspace Composer: Pinning items to taskbar sometimes impossible

Sometimes, on a Microsoft Windows 7 or Microsoft Windows 2008 R2 system, items could no longer be pinned to the taskbar. This could occur in scenarios where special blocking rules were defined for the desktop at **Security > Data > Files and Folders** and security for **Files and Folders** was set in blocking mode. This has been fixed.

Workspace Composer: Sessions failed to load

In certain circumstances, when a user started a session, the session failed to load. This issue was caused by the AppGuard driver, which failed to load rules for non-existent drives (rules with less than 4 characters). This has been fixed by lowering the minimum rule size in AppGuard driver version 2011.9.5.109.

Workspace Composer: Waiting time for Active Directory too short

In rare circumstances, the RES Workspace Manager Composer reported online while the Microsoft Windows Directory Service was not yet fully available. This could happen for example when connecting via a VPN connection. The default value is 15 seconds. The following registry key can be added to increase the waiting time for the Directory Service to become available:

Key:	<ul style="list-style-type: none">HKLM\Software\RES\Workspace Manager (32-bits)HKLM\Software\Wow6432Node\RES\Workspace Manager (64-bits)
Type:	REG_SZ
Value name:	DirectoryServiceRetryLimit
Value data:	Number of seconds

Workspace Analysis: Connection State of user registry shown incorrectly

At **Diagnostics > Workspace Analysis**, the connection state of the user registry was always shown as **Both online and offline**, even when the connection state in the global user registry was configured for **Online** or **Offline** at **Composition > Other > User Registry**. This has been fixed.

Workspace Analysis: Incorrect values in Workspace Extension column of Managed Applications overview in User Workspace Analysis

As of the first release of RES Workspace Manager 2011 (9.5.0.0), the **Workspace Extension** column of the Managed Applications overview in the user's Workspace Analysis, at **Diagnostics > Workspace Analysis**, contained incorrect values. This has been fixed.

XenApp 6.5: Winlogon process keeps using 100% CPU while logging off

Closing a published application on Citrix XenApp 6.5 could result in a freeze up of the logoff process and the Winlogon process using 100% CPU time. This has been fixed.

Disclaimer

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

Copyright Notice

Copyright © on software and all Materials 1998-2011 Real Enterprise Solutions Development BV, P.O. Box 33, 5201 AA 's-Hertogenbosch, The Netherlands. RES and the RES Software Logo are either registered trademarks or service marks of Real Enterprise Solutions Nederland B.V. in Europe, the United States and other countries. RES Automation Manager, RES Workspace Manager, Dynamic Desktop Studio, Virtual Desktop Extender and RES VDX are trade names of Real Enterprise Solutions Nederland B.V. in Europe, the United States and other countries. All other product and company names mentioned may be trademarks and/or service marks of their respective owners. Real Enterprise Solutions Development BV, The Netherlands has the following patents: U.S. Pat. "US 7,433,962", "US 7,565,652", "US 7,725,527", other patents pending or granted.