

## Parallels Remote Application Server v.15.5 Release Notes

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## **Updates Summary**

# Parallels Remote Application Server 15.5 Update 5 (November 9, 2017)

### RAS Core v15.5.5.16583

#### **Fixed**

- Possible loss of published items filters when replicated across multiple sites.
- Various problems with Universal printing.
- Console fails to authenticate administration session.

## Parallels Client (Windows) v15.5.5.16583

#### **Fixed**

• Various problems with Universal printing.

### **RAS Cloud Portal v15.5.5.16583**

#### **Fixed**

• No published items displayed after user is forced to change password.

# Parallels Remote Application Server 15.5 Update 4 (September 27, 2017)

## RAS Core v15.5.4.16465

#### New

Ability to disable UIAutomation to prevent legacy applications from locking when using Android/iOS devices.

#### **Improved**

- Performance optimization when using distributed fonts.
- Licensing usage reporting for SPLA which could cause key expiring when in use with slow networks.

- Second level authentication is asked when moving from a secured to insecure zone with an RAS active session
- Starting up of RDSH agent which could result is service failing to start.
- Validation when publishing a web application.

#### Fixed

- "Insufficient rights available to service your request" error when launching published Guest Desktop when using multiple Publishing Agents.
- Check for updates from management console not working.
- Print-jobs may get stuck of server.
- Incorrect printouts with Zebra ZT230 label printer.
- Remote application may be disabled when starting many applications or fast switching between applications.
- RAS Cached session timeout does not expire.
- Possible loss of icons when upgrading to version 15.5.16284.
- "Wait for RAS printers to be redirected before starting remote application" feature not working.
- "Change Password" reports an error when it was successfully changed.
- Total number of sessions in information page.
- Possible invalid sessions information when using multiple Publishing Agents.
- Failed to remove last user from second level authentication exclude list.
- Incorrect printout from Internet Explorer on Windows Server 2008 R2.
- Parallels Client does not retain SSO (authentication method) enforced by RAS connection policy .
- Authentication via BuyPass smart card
- Slow copying of files from remote server to local client
- Occasional high CPU usage of Gateway process
- Printing redirection fails when user with special unicode characters in his name reconnects to the same terminal session

#### **HTML5 Gateway:**

#### New

• Added option to enable "Pre-Windows 2000 login format".

#### **Fixed**

• "Change Password" does not work.

## Parallels Client (Windows) v15.5.4.16465

#### **Improved**

• Corrected possible "black window" when minimizing remote applications with multiple monitors.

#### **Fixed**

- Possible crash when 'Check for updates on startup' policy is enabled.
- Possible crash if UIAutomation is removed from process memory by the system.
- Published resources not responding after restoring from a Windows hibernate.
- Redirection of generic text printer fails if printer is renamed.

## Parallels Client (Linux) v15.5.4.16465

**Fixed** - If "Save Password" is unchecked for RDP connection, password is still available after sign-out. - "Do not save password" policy doesn't work.

## Parallels Client (Mac) v15.5.4.16463

#### New

- Added Swiss-German keyboard layout support.
- Added Faroese keyboard layout support.

## **RAS Reporting v15.5.4.16464**

Fixed - Total Active Time in Users Activity report is incorrect.

# Parallels Remote Application Server 15.5 Update 3 (May 2, 2017)

### RAS Core v15.5.3.16284

#### **Improved**

- Improved support for Unicode characters in PowerShell cmdlets.
- Enforcing firewall rules if Terminal Server agent is installed from "Check Agent" task.
- Session Management: Remote control support on Windows 2016.
- Target verifier for application with %ProgramW6432% set in the target.
- Improved memory handling, logs and stability.

#### **Fixed**

- PowerShell Import / Export methods.
- PowerShell Gateway Cipher string when selecting cipher string to high value.
- Running application from Wyse Thin-clients could crash the shell.
- The Publishing agent service could crash if it is closed while data is being synchronized.
- Universal printer with non latin characters username might result is printers not being redirected or jobs not processed.
- Device Manager search using client build number does not work if build number is greater than 9999.
- RAS Installer localization for Portuguese, Chinese Simplified, Chinese Traditional or Korean.
- View and Language menus disabled after sending a support request.
- Invalid upgrade insurance date shown if upgrade insurance not available.
- Disconnected Session State might show Idle state.
- SID based filtering do not work when using Wyse thin clients.
- Unable to manage client (shadow, reboot, replace desktop) if client is connected over HALB.
- Smart card support for Gemalto IDPrime.NET.
- Sessions are not reconnecting if RemoteApps are enabled.
- RemoteApps might be ignored in a multiple PA environment.
- Terminal Server Scheduler date cannot be changed from properties.
- Published UNC folder that is not assigned to any file type on the server results in an invalid window.
- Some application may result in invalid windows placement on the remote server.
- Hyper-V virtual guests created from template might use the same virtual HD.
- Invalid session information when using a multiple PA environment.

## HTML5 Gateway:

#### Fixed

• Possible double prompt for second level authentication.

## Parallels Client (Windows) v15.5.16283

#### **Improved**

- Added support for per monitor DPI awareness.
- 2XRemoteExec supports opening of associated documents.
- Policy without specified domain does not disable changing on the domain.

#### **Fixed**

- Authentication type reverted to Credentials if connection properties window is opened.
- Desktop replacement Local Application could not be configured.
- Desktop replacement "Safe to remove hardware" not removed on non English operating systems.
- Desktop replacement Start button not replaced in with XP is used.
- Cancelling connection properties on a RAS connection removes current listing.
- Managed state in the titlebar may not be updated on first refresh.
- Error 50025 may occur when reconnecting due to resolution change or network problems.

# Parallels Client (Linux) v15.5.16279

#### New

• Support for Raspberry Pi 3 Debian Jessie.

#### **Improved**

- Switching between published applications does not work always.
- Drive redirection file/folders searches.
- Corrected command line argument to use smart card authentication.

#### **Fixed**

• Missing Parallels Client tray icon.

## Parallels Client (Mac) v15.5.16279

#### New

• Support for Japanese 3rd Party IME (Google, ATOK).

#### **Improved**

- Added support for keyboards with extra key code on numeric key pad keys (http://kb.parallels.com/en/124146).
- Handling of minimized remote windows.
- Drive redirection file/folders searches.
- Universal Printing support of jobs with different page size and orientation.

# Parallels Client (iOS) v15.5.16256

#### **Improved**

- Japanese keyboard input.
- Selected text recognition.

• Correct device name is sent to Remote Application Server.

## Parallels Client (Android) v15.5.16256

#### New

- Ability to hide the right toolbar.
- Support for SwiftKeys keyboard.

#### **Improved**

- Drive redirection file/folders searches.
- Right mouse click when using bluetooth mouse.
- Magnifier behavior on certain devices.
- Improved mouse pointer mode to access all screen.
- External mouse detection.
- Scrolling with external mouse.
- Selected text recognition
- A.I.type Tablet Keyboard support

#### **Fixed**

- Correct device name is sent to Remote Application Server.
- Sometimes it's impossible to switch to mouse pointer mode.

# Parallels Client (Chrome App) v15.5.16279

#### **Improved**

• Invalid character appears at the each of each item in the Active windows list.

## **Reporting v15.5.16279**

#### **Fixed:**

- Installation localization for non English platforms.
- PC application sessions reported as PC desktop sessions.
- VDI sessions information not kept.

## **CloudPortal v15.5.16279**

#### **Improved**

• Reset both IIS services timeout to 0.

# Parallels Remote Application Server 15.5 Update 2, Patch 1 (March 13, 2017)

### **RAS Core v15.5.16140**

#### **Improved**

• Resilience of Gateway and Publishing Agents from clients that do not release a connection to the server.

#### **Fixed**

- Client Manager filtering of Parallels Client ver. 15.5.
- Upgrade to the 15.5 Update 2 changed application paths containing "Program Files".

# Parallels Remote Application Server 15.5 Update 2 (March 6, 2017)

### **RAS Core v15.5.16138**

#### New

- PowerShell API v1.0 for deploying and configuring RAS components.
- The Session Manager shows additional information.
- Running processes window is now modeless and sizeable, contains session control actions, shows published application ID & name, and accept searches with OR arguments.
- VDI Support for VMWare vSphere 6.5.
- Support for high DPI sessions for both desktops and published applications.

#### **Improved**

- Clicking Enter or Esq keys no longer closes RAS Console.
- Updated the list of pre-defined published applications in the Publishing Wizard.
- Added confirmation prompts when deleting objects from RAS Console.
- Added current User Profile Disk status in the UPD configuration window.
- Ability to add devices from various sources when creating client filters.
- Deployment of published applications that require UAC.
- Various improvements and fixes to the Device manager.
- Improved Agents pushing mechanism.

#### **Fixed**

- When using round robin load balancing mode a server with a non verified agent could be used.
- Correct auto install fonts by automatically cleaning cached information if required.
- Various printing related problems.
- Adding a second VDI host failed to work.
- Changing advanced VDI guest settings renders guest unusable.

#### **HTML5** Gateway

**New** - Allows access from a mobile device web browser without need to install a mobile client. - Added keyboard layout for PC Keyboard mode. - Support for Japanese keyboard.

#### **Improved**

• Improved video streaming, audio playback and support for RemoteFX when using client-less feature.

#### **Fixed**

• Failed to launch application using UPN Suffix instead of domain name.

## Parallels Client (Windows) v15.5.16134

#### New

• Added gateway information when device is managed in the About window.

#### **Improved**

- Build up of the printers hardware information cache.
- Client manager security.
- Support of session take over when High DPI is in use.

#### **Fixed**

- Blank icons for shortcuts.
- Various stability fixes.

# Parallels Client (Linux + RasPi) v15.5.16129

**Improved** - Command line arguments validation and re-added ability to list applications. - Minimizing of windows for certain applications did not work.

**Fixed** - Start Menu Shortcuts Folder has missing Icon. - Force client to use NetBIOS option resulted in error. - Various stability fixes and localisation messages.

## Parallels Client (Mac) v15.5.16129

#### New

• Support for Retina displays in published applications mode.

#### **Improved**

- Multi-monitor handling.
- Connection icon shows state of the connection.

#### **Fixed**

• Wrong window coordinates may result in application not usable.

## Parallels Client (iOS) v15.5.16080

**New** - Use iOS keyboard as a trackpad to select text when working with published applications remotely.

#### **Improved**

- Simplified "Run in Background" option?.
- Show correct error message if application listing is prohibited by administrator.

#### **Fixed**

- Client returns to the application launcher unexpectedly after closing UAC window in the remote session.
- Other improvements and fixes.

## Parallels Client (Android) v15.5.16090

New - External mouse support.

Improved - Show correct error message if application listing is prohibited by administrator

**Fixed** - Client returns to the application launcher unexpectedly after closing UAC window in the remote session. - Other improvements and fixes.

# **Reporting v15.5.16132**

**New** - Added an option to choose a Microsoft SQL Server instance during installation. - Added an option to change default report viewing account.

#### **Improved**

- Auto-elevation when running the installer.
- Performance when creating reports.

## **CloudPortal v15.5.16129**

#### **Improved**

- Downloading the log files now includes information from both Web portal and Web service components log files.
- Auto-elevation when running the installer.
- Do not use cached pages if version has changed.

# Parallels Remote Application Server 15.5 Update 1, Patch 3 (February 17, 2017)

## **RAS Core v15.5.15688**

#### **Fixed**

• Possible crash when using VDI with Log level set to 6.

## Parallels Client (Window) 15.5.15687

#### **Improved**

• Stability of Parallels Client when fetching applications listing.

#### **Fixed**

• A resource leak, which may result in a Gateway to become unavailable.

# Parallels Remote Application Server 15.5 Update 1, Patch 2 (February 01, 2017)

### **RAS Core v15.5.15686**

#### **Fixed**

• OTP is asked multiple times on each application startup when using Web portal or HTML5 Gateway with installed Parallels Client.

# Parallels Remote Application Server 15.5 Update 1, Patch 1 (January 23, 2017)

### **RAS Core v15.5.15685**

#### **Fixed**

- Unnecessary disconnects from PA to VDI agent which caused the agent to block.
- HTML5 Timezone redirection not working.
- Exporting the settings did not include the icons data.

## Parallels Client (iOS) 15.5.15587

#### **Fixed**

- Resolves an issue with the onscreen keyboard appearing unexpectedly
- Resolves an issue with the edit menu appearing unexpectedly
- After logging off from an RDP session, a list of available applications is shown instead of a black screen

#### **Improved**

- Messaging when a session is disconnected by connecting from a second device
- Stability

# Parallels Client (Android) 15.5.15587

#### **Fixed**

- Resolves an issue with the onscreen keyboard appearing unexpectedly
- Resolves an issue with the edit menu appearing unexpectedly
- After logging off from an RDP session, a list of available applications is shown instead of a black screen

#### **Improved**

- Messaging when a session is disconnected by connecting from a second device
- Stability

# Parallels Remote Application Server 15.5 Update 1 (December 19, 2016)

## **RAS Core v15.5.15679**

#### New

• User Profile Disk feature includes an option not to change the server current UPD settings.

- Publishing Agent has an option to change the IP on which it communicates with other Publishing Agents.
- Email alerts now include RAS version and build number.

#### **Improved**

- If connection between Publishing Agents is dropped, services are able to re-establish connection and re-synch information.
- Releasing a managed devices restores previous settings.
- "Show unmanageable devices" does not require a console restart to work.
- Stability improvements to Universal Printing.
- Various shell improvements when switch between mobile and desktop devices.
- Possible crash in VDI guest agent when it fails to connect to VDI Host agent.

#### **Fixed**

- Corrected information about the total number of active session in the information category.
- Japanese invitation email subject not read correctly by some mail clients.

## Parallels Client (Windows) v15.5.15676

#### **Improved**

- Security improvements when desktop is replaced. Improved: Stability of the universal scanner redirection.
- Support for redirection of PDF printers.

#### **Fixed**

• Auto install fonts not respecting disabled option.

## Parallels Client (Linux) v15.5.15676

#### **Improved**

• Autostart VDI and RPC connections. Fixed: Raspberry PI client not launching due to wrong OpenSSL library version.

## Parallels Client (Mac) v15.5.15675

#### New

• Universal Printer support for Bonjour printers.

#### **Improved**

- Non aligned multi monitor support.
- Cursor handling on non focused windows.
- Japanese keyboard handling.

## Parallels Client (Chrome App) v15.5.15673

**Improved** - Corrected NLA information links.

## **CloudPortal v15.5.15676**

#### **Improved**

• Android client detection.

#### **Fixed:**

• HTTP to HTTPS redirection in the Administration page.

# Parallels Remote Application Server 15.5 RTM Patch 1 (November 11, 2016)

## **RAS Core v15.5.15569**

#### **Improved**

• Licensing Activation by sending Farm ID with the Hardware ID

#### **Fixed**

• Filtering of Published Items when filtered by IP, GW and Client Name

# Parallels Remote Application Server 15.5.0 (November 2, 2016)

## **RAS Core v15.5.15566**

#### New:

- Multiple active Publishing Agents architecture: allows better load distribution, increased system performance, faster failover and session connections.
- Added support for User Profile Disks.
- Universal Printer can now use the client machine name rather than the user name in the printer name rules.
- Configure Universal Printing and Universal Scanning compression level.
- Client Manager allows the administrator to disable Print Screen key.
- Changed the Client Manager to manage devices separately for each site, allowing different administrators to manage each site's devices.
- Added process information to the Terminal Server session management view.
- Support for wildcards when adding MAC addresses filters on published items.
- Enabling of HTML5 gateway without the gateway to have SSL enabled for SSL offloading setups.
- Support for high resolution icons in published applications.
- Support for KMS licenses when using RAS VDI templates.
- RAS guest VMs cloned from a template are added to a configured Active Directory OU.
- Deprecated support for workgroups in RAS VDI templates.
- Added a new administrator permission role to manage devices.
- Changed the default cipher strength to high.
- Added email notifications for licensing events.
- Grace period when concurrent users exceed the limit increased to 30 days.
- Added support for Windows Server 2016.
- Upgraded to OpenSSL v1.0.2.

#### **Improved:**

- Running applications published from %ProgramFiles% for 32 and 64 bit.
- Licensing information.
- Logging of RAS components with an easier to use solution and additional log files.
- Email notification generated by system events.
- Various performance, stability and usability improvements.

# **HTML5 Gateway**

#### New:

- Ability to define a policy to launch applications using the installed Parallels Client or fallback to Parallels HTML5 Client.
- Support for embedding the Parallels HTML5 Client in other web pages.
- Added description to published items as a tooltip.
- Grouping of similar items on the taskbar.
- Saving of favorite applications per user per farm.
- Automatic redirection from http to https.
- Added logging.
- Change domain password.

# Parallels Client (Windows) v15.5.15558

#### New:

- Administrator can control if the user can make use of multi monitors.
- Added support for automatic launching of published applications and desktops.
- Added the Logoff and Disconnect actions to the Show Sessions window.
- Option to disable RDP-UDP tunnelling.
- Parallels Client for Windows with support for high-DPI icons.
- Auto start applications when the user logs into a RAS connection.
- Deprecated support for RDP folders.
- Added an option to control printer hardware information cache.
- Upgraded to OpenSSL v1.0.2
- Deprecated folders for non RAS connections.
- Allow wrapping of a 3rd party credential provider with RAS Single Sign-On component.

## Parallels Client (Linux) v15.5.15557

#### New:

- Added additional support for the RemoteFX acceleration.
- Redesigned UX for better user experience.
- Add an option to swap mouse buttons.
- Added support for automatic launching of published applications and desktops.
- Support for custom paths for disk drive redirection.
- Upgraded to OpenSSL v1.0.2.

## Parallels Client (Mac) v15.5.15561

#### New:

- Added additional support for RemoteFX acceleration.
- Mapping Cmd and Control keys to Windows Win and Control keys.
- Bi-directional audio (microphone redirection).
- Multi-monitor support.

- Added support for Retina display to desktop sessions.
- Automatically adjust remote desktop resolution when the local desktop resolution changes.
- Added support for automatic launching of published applications and desktops.
- Upgraded to OpenSSL v1.0.2.
- Miscellaneous improvements.

## New Parallels Client (iOS) v15.5.15550

#### New:

- New look and feel with new connections list, new applications list (includes high resolution icons if it is enabled on the server side) and new toolbar.
- Improved touch gestures support, e.g. smart tap, magnified click, magnified drag.
- Optimized for mobile platforms keyboard and mouse cursor modes.
- Application switcher provides intuitively and smooth switching among running applications even if they running on different RDS of VDI hosts.
- Portrait mode fits remote session resolution to the screen resolution of the device upon device rotation.
- Sound input (microphone support) enables working with published softphone software.
- Added acceleration mode ?RemoteFX Adaptive? supports using new codes H.264, ClearCodec and RemoteFX Progressive if it is supported by the remote RDS or VDI host.
- Control policies support is aligned with Parallels Clients on desktop platforms and allows administrators to control save password option or adding new connections (Parallels RAS, Standard RDP).

## New Parallels Client (Android) v15.5.15550

#### New:

- New look and feel with new connections list, new applications list (includes high resolution icons if it is enabled on the server side) and new toolbar.
- Improved touch gestures support, e.g. smart tap, magnified click, magnified drag.
- Optimized for mobile platforms keyboard and mouse cursor modes.
- Application switcher provides intuitively and smooth switching among running applications even if they running on different RDS of VDI hosts.
- Portrait mode fits remote session resolution to the screen resolution of the device upon device rotation.
- Sound input (microphone support) enables working with published softphone software.
- Added acceleration mode ?RemoteFX Adaptive? supports using new codes H.264, ClearCodec and RemoteFX Progressive if it is supported by the remote RDS or VDI host.
- Control policies support is aligned with Parallels Clients on desktop platforms and allows administrators to control save password option or adding new connections (Parallels RAS, Standard RDP).

## Parallels Client (Chrome App) v15.5.15557

#### New:

- Added additional support from RemoteFX acceleration.
- Added support for automatic launching of published applications and desktops.
- Support for time zone redirection.
- Support for Control Policies.

## **CloudPortal v15.5.15564**

#### New:

- Added support for automatic launching of published applications and desktops.
- Icons for Desktop shortcut and Favicon icon

- Improved support of Safari web browser.
- Using a secondary IIS application pool to increase performance.
- Improved uploading process of clients installation.
- Improved replication of settings by allowing retries if replication fails.
- Upgraded to OpenSSL v1.0.2.
- Various performance improvements.

# Reporting Engine v15.5.15557

#### New:

- Upgraded to OpenSSL v1.0.2
- Various performance optimisations.

## HALB v15.5.15557

#### New:

• Upgraded to OpenSSL v1.0.2.

# **VDI Appliance v15.5.15557**

#### New:

• Upgraded to OpenSSL v1.0.2.

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