



# Parallels Remote Application Server

Parallels Client for Android User's Guide

v15.5

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## CHAPTER 1

# Introduction

### **About Parallels Client for Android**

Parallels Client for Android is an app that allows you to connect to Remote Application Server from Android devices.

### **About This Guide**

Read this guide to learn how to:

- install Parallels Client for Android (p. 6);
- establish a connection to Remote Application Server (p. 7);
- work with remote servers from Android devices (p. 11);
- edit connection settings (p. 19);
- edit Parallels Client settings (p. 36);
- get help with Parallels Client (p. 41).

# Install Parallels Client for Android

### System Requirements

To install Parallels Client, you must have an Android device with Android version 4.0.3 or later.

**Note:** To learn how to check the version of Android on your device, please refer to the device manufacturer's documentation.

### Installation Procedure

The preferred way to install Parallels Client is to follow the instructions from the invitation email. Your Parallels Remote Application Server administrator should send you this email.

Another way to install Parallels Client is to install it from Google Play. Do the following:

- 1 On your Android device, open Google Play.

**Note:** If you don't have Google Play on your Android device, you can install Parallels Client from <http://www.parallels.com/products/ras/download/links/#android>. However, before installing the client, allow Android to install from unknown sources in the Android security settings.

- 2 Search for `Parallels Client`.
- 3 Tap **Install** and follow the onscreen instructions.

## Create a Connection

Once Parallels Client for Android is installed on your mobile device, you need to connect to Remote Application Server. You can do one of the following to establish a connection:

- The easiest way to create a connection is to use an invitation email from your system administrator. Open the email on your Android device, tap the download link, install Parallels Client, and tap the "Configure" link. Parallels Client will open and configure connection to Remote Application Server automatically.
- If you know the remote server IP address or host name and user's credentials, you can create a connection manually (p. 7).
- If you have an older version of Parallels Client on your Android device, you can import existing connections (p. 10).

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## Create a Connection Manually

If you know the remote server IP address or host name and user's credentials, you can create a connection manually. There are two types of connections:

- **Remote Application Server.** If you establish this type of connection, you will see the applications and desktops published on the Parallels Remote Application Server. You can launch and work with these applications.
- **Standard RDP.** If you choose this type of connection, you will be able to work with the remote server desktop the same way you would if connected via the Microsoft RDP client.

Read on the following topics for more details.

### Create a Remote Application Server Connection

To create a Remote Application Server connection, do the following:

- 1 Open Parallels Client.
- 2 Tap the **Plus** icon  in the top right corner.

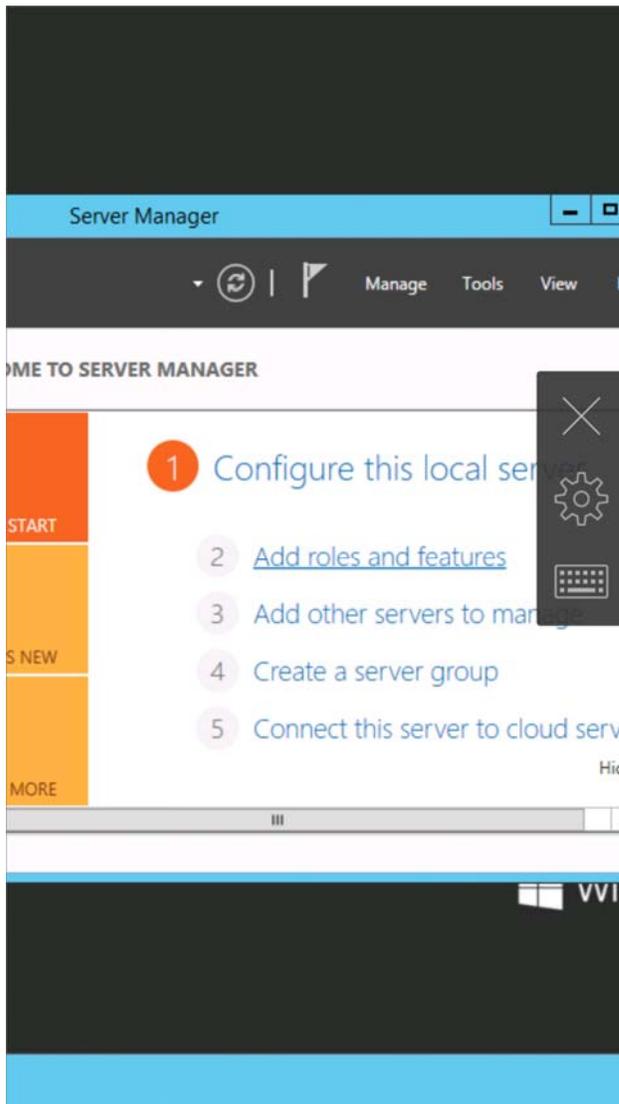
- 3 Tap **Remote Application Server**.
- 4 Specify the **Server address** and **User name** settings and tap **Connect**.
- 5 Enter the user's password and tap **OK**.
- 6 If the connection was successful, you will see the published applications that you can use. If you receive an error, verify that the connection and logon information is entered correctly and try again.



## Create a Standard RDP Connection

To create an RDP connection, do the following:

- 1 Open Parallels Client.
- 2 Tap the **Plus** icon  in the top right corner.
- 3 Tap **Standard RDP**.
- 4 Specify the server address and tap **Connect**.
- 5 Enter the user's credentials and tap **OK**.
- 6 If the connection was successful, you will see the remote desktop and be able to start working with the server. If you receive an error, verify that the connection and logon information is entered correctly and try again.



## Import Existing Connections

If you have Parallels Client v15.0 with configured connections on your Android device, you can import these connections into a newer version. Do the following:

- 1 Open Parallels Client.
- 2 Tap the  icon in the top right corner and choose **Migrate settings**.

## CHAPTER 4

# Work With a Remote Server

To connect to a remote server, just tap a connection in the **Connections** list. Read this chapter to learn what you can do when connected to a remote server via a Remote Application Server connection (p. 12) and via an RDP connection (p. 17).

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## Remote Application Server Connection

When connected to a remote server via a Remote Application Server connection, Parallels Client shows the App Launcher screen. On this screen, you can find all the applications published for the user you used to connect to the remote server.



Here's what you can do on the App Launcher screen:

### Launch an application

To launch an application, just tap its icon. If you launched an app, read this topic (p. 14) to learn how to use Application Toolbar.

### Search for applications

If there's a lot of applications, use the **Looking glass** icon at the top of the screen to find the application you need.

### Switch between applications

If you have two or more applications running at the same time, tap App Switcher  to easily switch between the application windows.

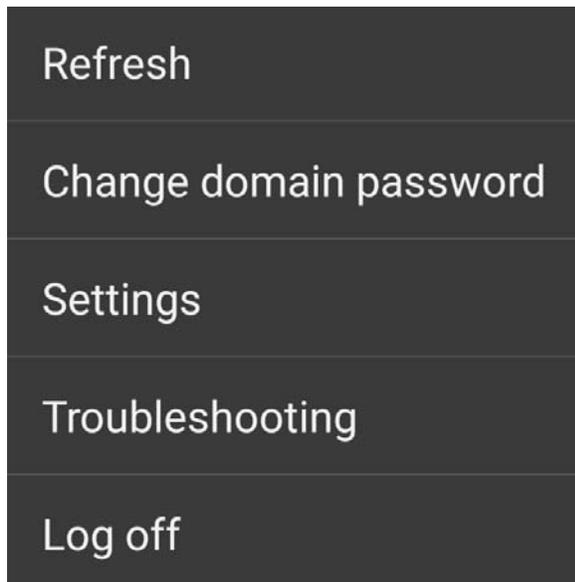
### Close applications

To close a running application, tap App Switcher and tap **Close**  on the application you want to close.

### Additional actions

Tap the  icon in the top right corner to open the menu that allows you to perform the following actions:

**Note:** This icon may be absent if your Android device has a physical or virtual menu button. Use this button instead.



- **Refresh.** Tap this item to refresh the list of published applications and connection settings.
- **Change domain password.** Tap this item to change the user's domain password. To be able to change this password, you must know the current password.
- **Settings.** Tap this item to display and edit the Parallels Client settings (p. 36).
- **Troubleshooting.** Tap this item to get help with Parallels Client (p. 41).
- **Log off.** Tap this item to terminate your session and return to the list of connections.

### Return to the Connections list without terminating your session

To return to the list of your connections without terminating your current connection, tap the left arrow in the top left corner of the screen.

## Application Toolbar

When you tap an app icon in App Launcher (p. 12), the application opens. Application Toolbar is displayed on the right side of the screen:

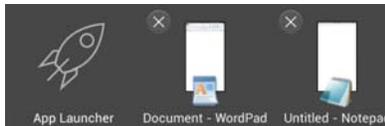


This toolbar has essential system functions and is always there when you need it. You can move the toolbar on the right side of the screen by dragging it up or down.

Tap  to hide the remote application screen and return to App Launcher. Your session will continue to run on the remote server.

Tap  to display or hide the keyboard.

Tap  to display App Switcher at the bottom of the screen.



App Switcher displays remote applications that you have currently running on your device and the App Launcher (p. 12) (the rocket) icon. To switch to an application, tap it in App Switcher. To display App Launcher, tap the rocket icon. When in App Launcher, you can open App Switcher by clicking the same double-window icon at the top of the screen. You can then tap an application to switch to.

Tap  to open the menu bar at the bottom of the screen. You can swipe it left or right to see more menu items if needed.



The menu bar extends the toolbar with more system functions. Please note that some of the menu bar items function as a switch, which means that if you tap an item, the corresponding feature is turned on and the menu item is displayed in red. To turn it off, you have to open the menu bar again and tap the item one more time.



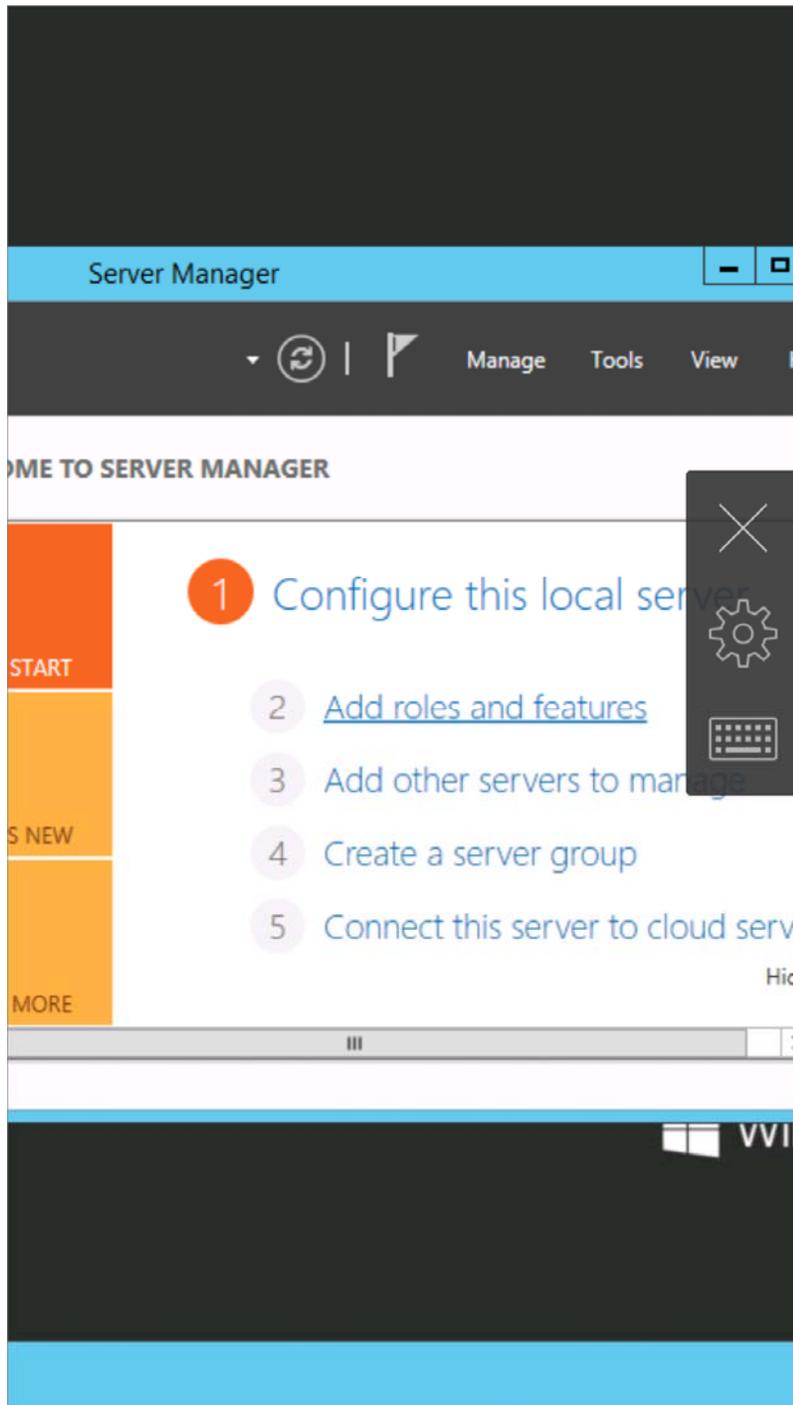
The menu bar contains the following:

- **Additional keys.** When enabled, additional keyboard keys are displayed at the bottom of the screen.
- **Mouse pointer.** Tap this icon to display or hide the mouse pointer. Once the pointer is visible, swipe the screen to move the pointer and tap the buttons at the bottom to imitate a left or right click.
- **Desktop resolution.** Tap this icon to choose the screen resolution that best fits your needs. You can choose between **Best for your device**, **More space**, or set a custom resolution.
- **Microphone.** Tap this icon to mute or unmute the device microphone.
- **Printing.** Tap this icon to modify printing settings (p. 28).
- **Session information.** Tap this icon to see the detailed information about your session.

- **Help.** Tap **Help** to get help (p. 41) with Parallels Client or open the tutorial about using gestures.

## Standard RDP Connection

When connected to a remote server via a standard RDP connection, Parallels Client shows the remote desktop:



You can start working with the remote computer the same way you would as if you were sitting in front of it. Application Toolbar (p. 14) will make your working process more comfortable.

## Launch Published Apps from Android Device

When a Parallels Remote Application Server administrator publishes any applications for your user account, he or she can select the following 2 options:

- **Create shortcut on Desktop.** If this option is selected for a published app, the app shortcut will appear on the desktop of your Android device after the first connection to Remote Application Server. When you need to launch this application, just tap its shortcut on the Android desktop - Parallels Client will start, connect to Remote Application Server and the app will open.
- **Create shortcut in Auto Start Folder.** If this option is selected for a published app, the application will be added to autostart after the first connection to Remote Application Server. If you restart your Android device, Parallels Client will start automatically once the device boots up, connect to Remote Application Server and open the application.

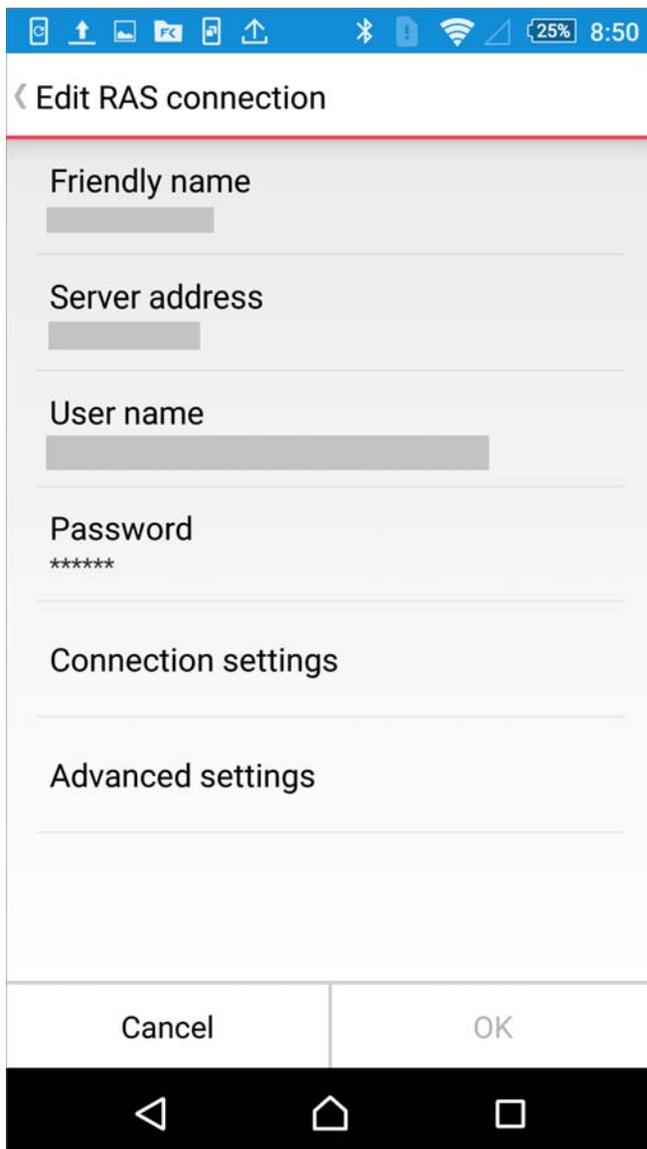
## Edit Connection Settings

To edit your Remote Application Server or RDP connection parameters, do the following:

- 1 Open Parallels Client.
- 2 Swipe left or right to the connection which parameters you want to modify.
- 3 Tap the  icon in the top right corner and choose **Edit**.

**Note:** This icon may be absent if your Android device has a physical or virtual menu button. Use this button instead.

- 4 Tap the **Gear** icon at the bottom of the screen. The following screen appears:



The screenshot shows a mobile interface for editing RAS connection settings. The title bar at the top contains a back arrow and the text "Edit RAS connection". Below the title bar are five input fields: "Friendly name", "Server address", "User name", "Password" (with six asterisks), "Connection settings", and "Advanced settings". At the bottom are "Cancel" and "OK" buttons. The Android-style navigation bar is visible at the very bottom.

You can edit the following parameters:

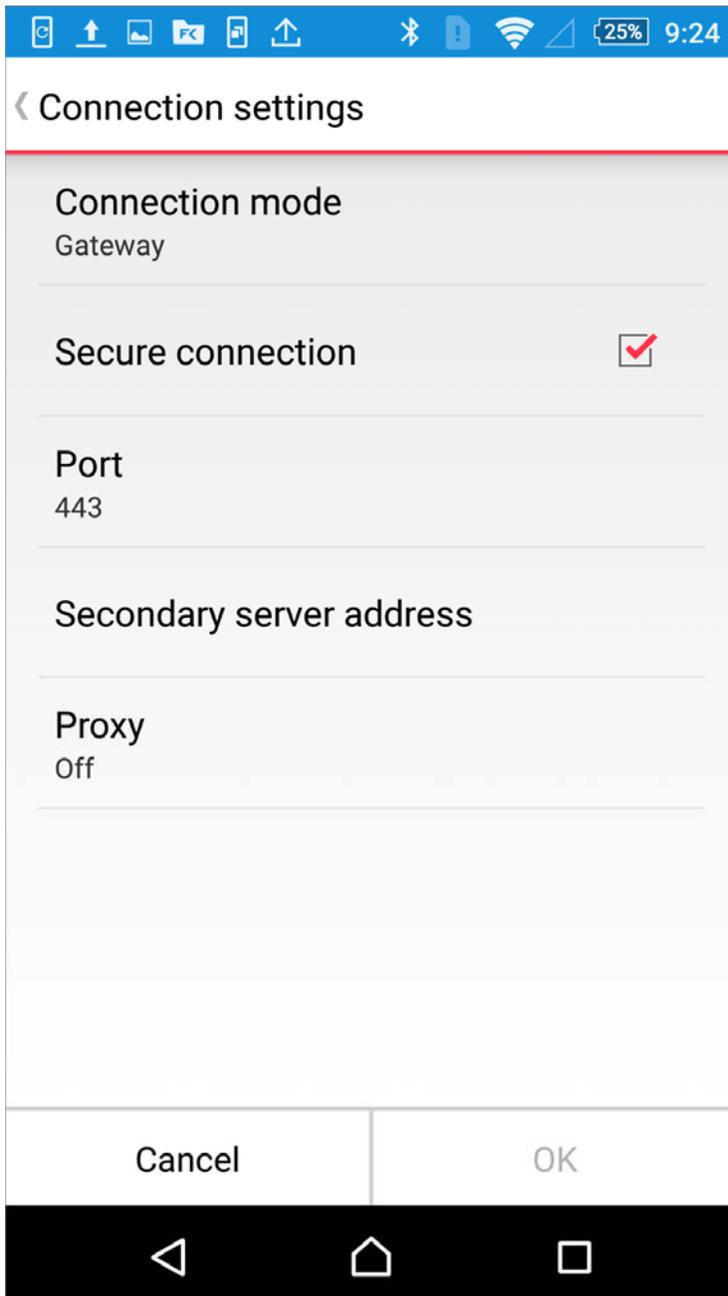
- **Friendly name.** In this field, you can change the name of your connection.
- **Server address.** In this field, you can change the remote server IP address or host name.
- **User name.** In this field, you can edit the user name.
- **Password.** In this field, you can edit the user's password.
- **Connection settings.** Tap this field to access the group of connection-related settings (p. 22).
- **Advanced settings.** Tap this field to access the group of advanced settings (p. 24).

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## Connection Settings

On the **Connection settings** tab, you can modify the following connection settings:

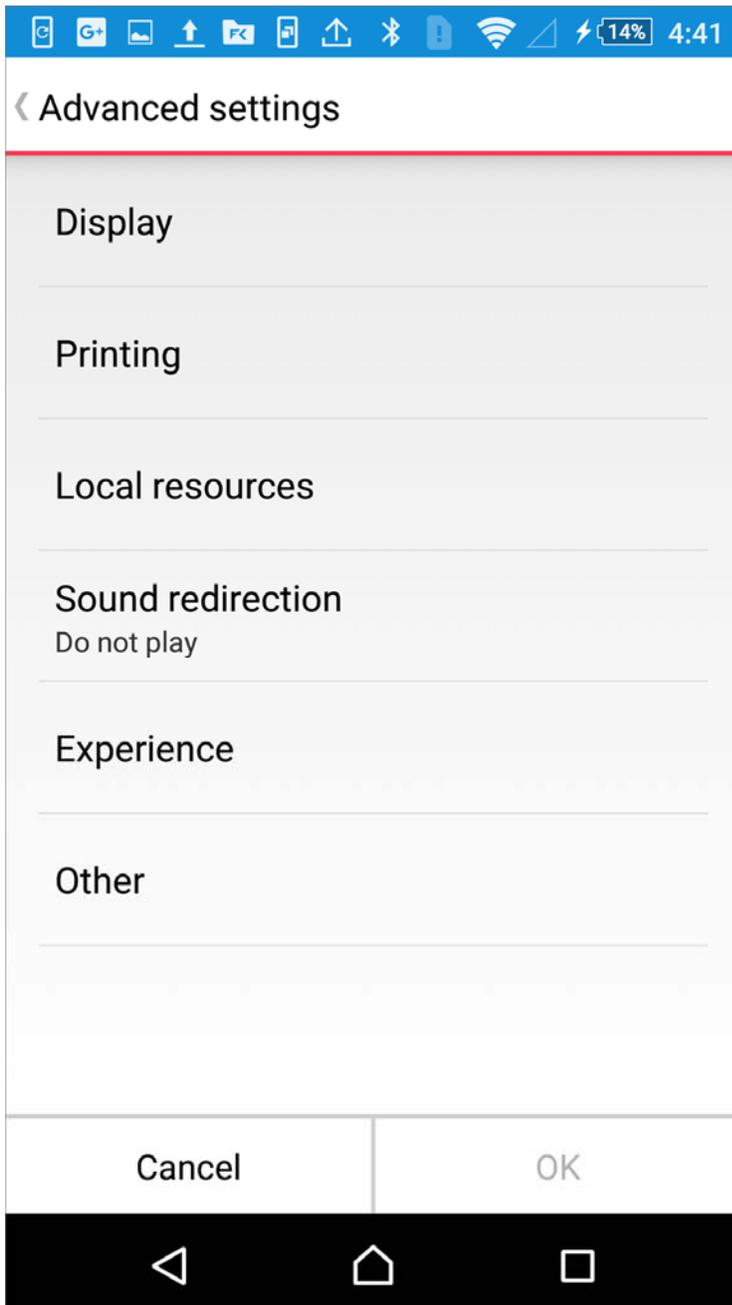


- **Connection mode.** In this menu, you can edit the connection mode:
  - **Gateway.** This mode is ideal for Terminal servers, VDI desktops and remote PCs that are only reachable via Parallels Secure Client Gateway.

- **Direct.** Parallels Client connects directly to the remote server. This option can be used when both Parallels Client and the server are connected to the same network.
- **Secure connection.** This option defines whether Parallels Client is using an SSL certificate to establish a connection to Parallels Secure Client Gateway. You should change this setting only if your system administrator told you to do so.
- **Port.** In this field, you can modify the port. You should do this only if your system administrator told you to do so.
- **Secondary server address.** In this field, you can specify the remote server secondary address.
- **Proxy.** If you have to use a proxy server to connect to Parallels Remote Application Server, tap this field and specify the proxy server parameters.

## Advanced Settings

On the **Advanced settings** tab, you can modify the following settings:

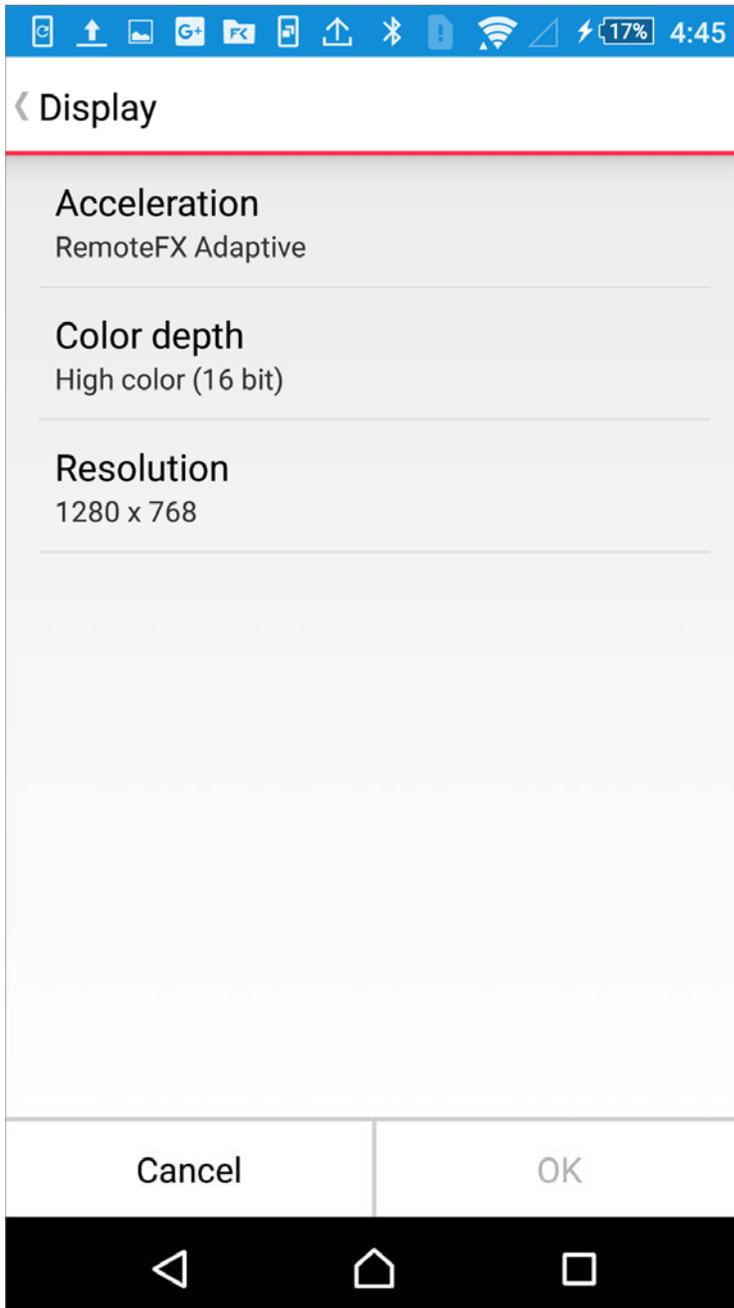


- **Display.** Tap this option to open the display-related settings (p. 26).
- **Printing.** Tap this option to open the printing settings (p. 28).

- **Local resources.** Tap this option to open the local and drive redirection settings (p. 30).
- **Sound redirection.** Tap this option to open the sound settings (p. 31).
- **Experience.** Tap this option to open the connection speed and performance settings (p. 32).
- **Other.** Tap this option to open additional settings (p. 34).

## Display

On the **Display** tab, you can edit the following settings:



- **Acceleration.** In this menu, choose the graphics acceleration type. The more advanced the acceleration, the better will be the quality of the graphics. Please keep in mind that higher quality accelerations require more processing power and faster network.

**Note:** The acceleration setting does not affect connections with color depth less than 32 bit.

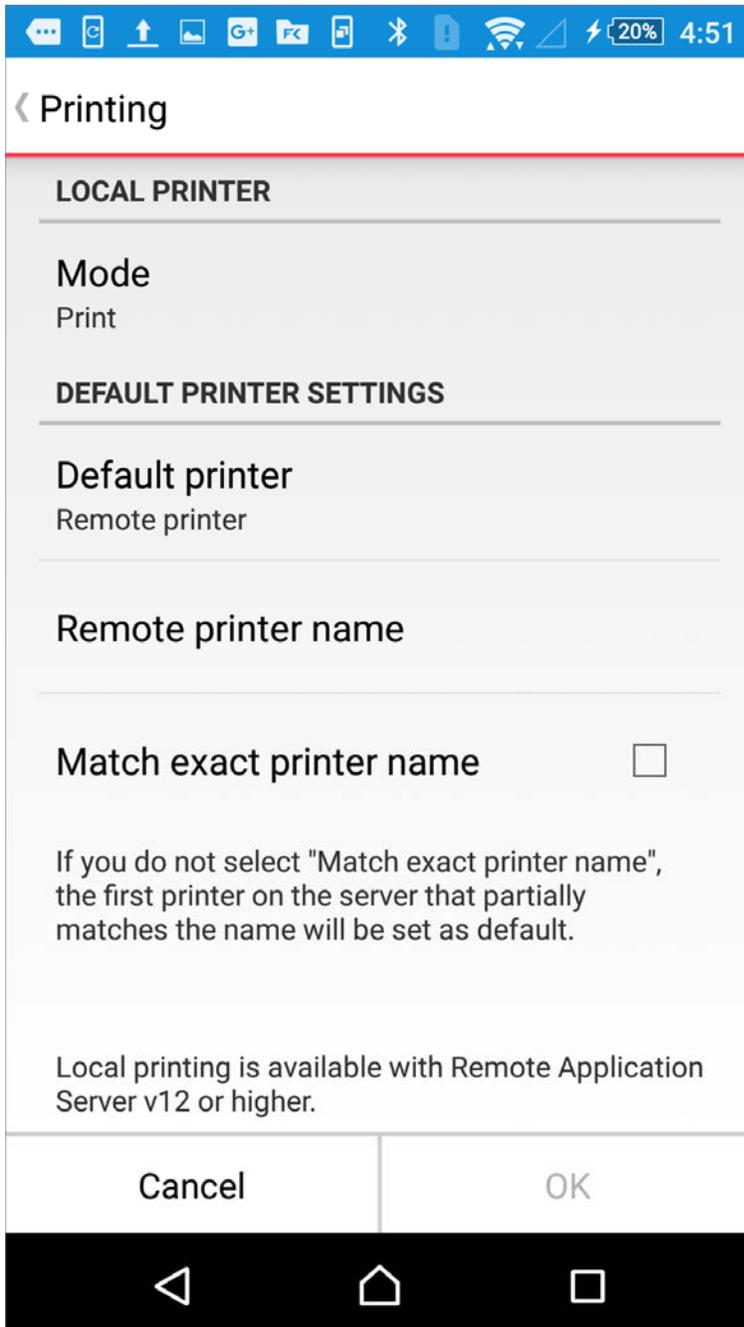
- **None.** No graphics acceleration.
- **Basic.** Basic acceleration.
- **RemoteFX.** More powerful graphics acceleration using the RemoteFX codec.
- **RemoteFX Adaptive.** Best graphics acceleration using RemoteFX Adaptive and H.264 codecs.

**Note:** If you select **RemoteFX** or **RemoteFX Adaptive**, the color depth is forced to 32 bit.

- **Color depth.** Use this menu to select the color depth.
- **Resolution.** In this menu, select the remote server screen resolution.

## Printing

On the **Printing** tab, you can edit the printing-related settings:



### Local Printer

In the **Local Printer** section, you can specify the printing mode. Choose one of the following:

- **Disabled.** Select this option to disable printing.
- **Print.** Select this option to print documents.
- **View as PDF.** Select this option to print documents to PDF.

### Default Printer Settings

In the **Default Printer Settings** section, specify which printer to use to print documents. Choose one of the following:

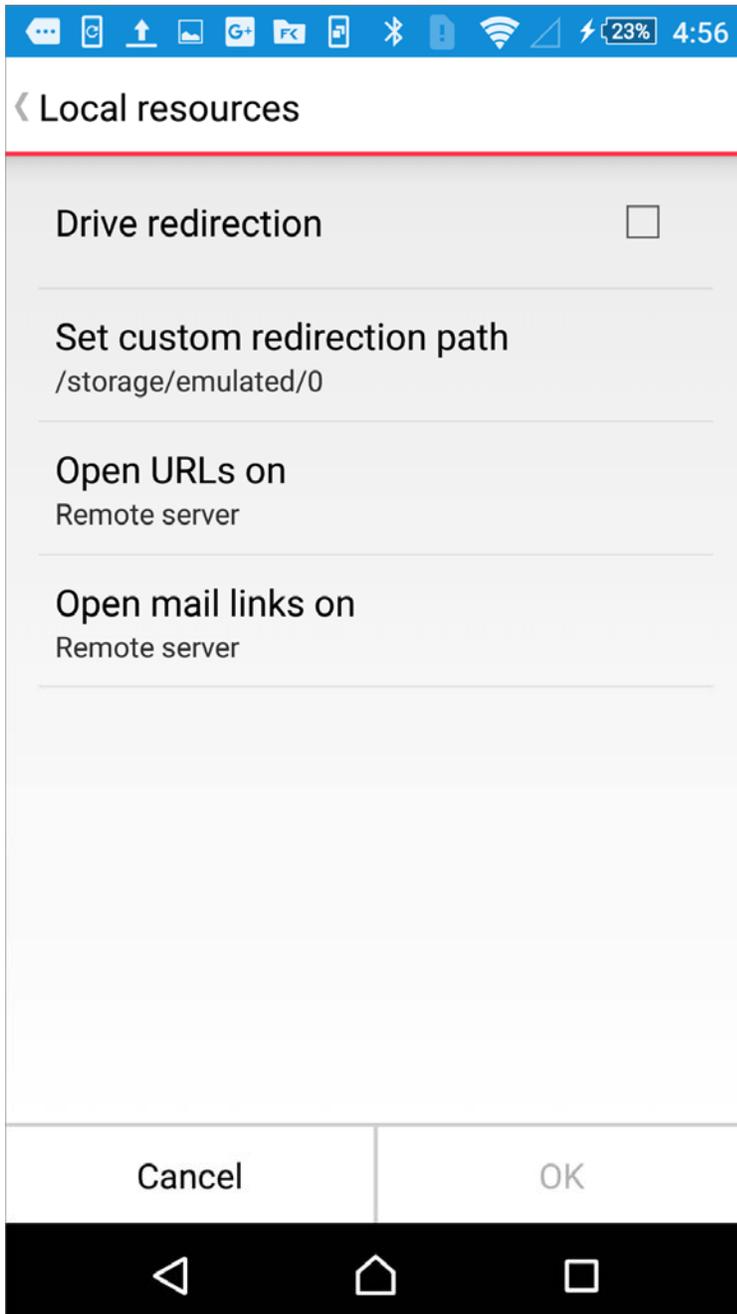
- **None.** When this option is selected, default printer is chosen depending on the remote server settings.
- **Local printer.** Choose this option to use the printer specified on your Android device.
- **Remote printer.** Choose this option to use the printer specified on the remote server.

If **Remote printer** is selected, specify the following additional options:

- If there are 2 or more printers configured on the remote server, type the name of the printer you want to use in the **Remote printer name** field. Parallels Client will use the first printer which name partially or fully matches the name specified in this field.
- If you select **Match exact printer name**, Parallels Client will use the printer which name exactly matches the name specified in the **Remote printer name** field.

## Local Resources

On the **Local resources** tab, you can edit the following settings:



- **Drive redirection.** Select this option to enable redirection of your Android device storage to the remote server.

- **Set custom redirection path.** If you enabled drive redirection, tap this option to specify which directory will be redirected to the remote server and mounted as a share. Select a directory and tap **Set path**. Tap **Reset** to apply the default setting (i.e. redirect the SD card). Tap **Cancel** to leave these settings intact.
- **Open URLs on.** Tap this menu to specify where you want to open "http:" links - on your Android device or remote server.
- **Open mail links on.** Tap this menu to specify where you want to open "mailto:" links - on your Android device or remote server.

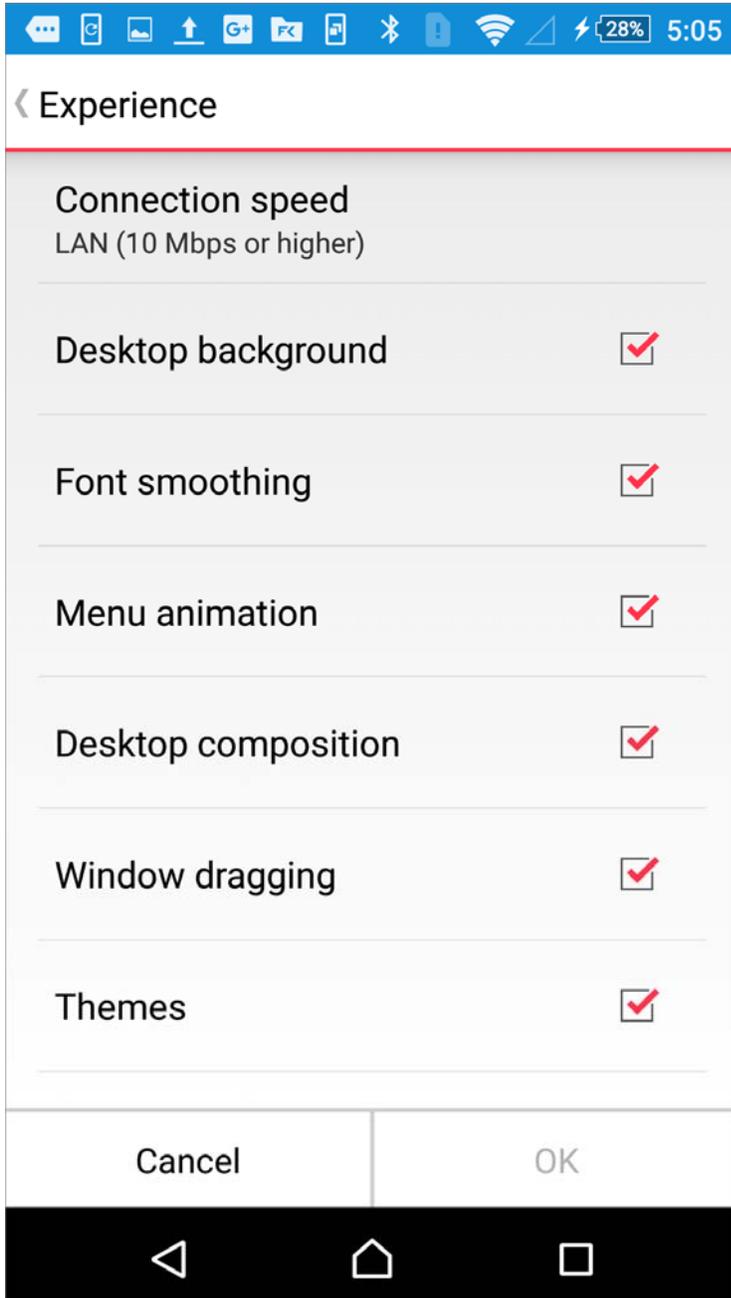
## Sound redirection

Tap **Sound redirection** to specify how the sound should be handled. You can choose one of the following:

- **Do not play.** Select this option to disable sound.
- **Play on device.** Select this option to redirect sound from the remote server and play it on your Android device.
- **Play on remote computer.** Select this option to play sound on the remote server.

## Experience

On the **Experience** tab, you can edit the following settings:

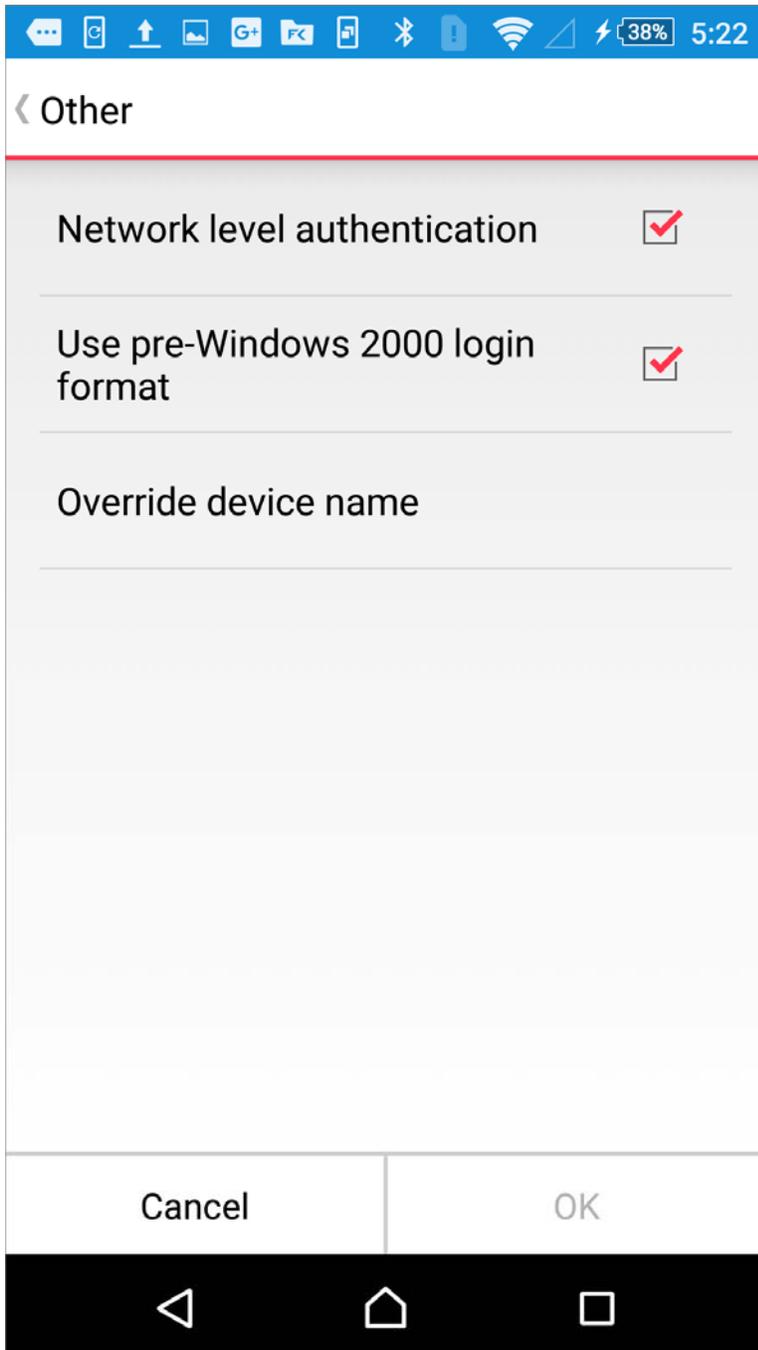


- **Connection speed.** Tap this menu to select the suitable connection speed for the most fluid experience. Depending on what you choose, Parallels Client will select or deselect other options on this tab. If the options get deselected and then you choose them manually, please keep in mind that additional visual effects may slow down your connection speed.

- **Desktop background.** Enable this option to show the remote computer desktop background.
- **Font smoothing.** This option makes all fonts smooth for improved readability.
- **Menu animation.** If menus and windows on the remote computer have visual effects and this option is enabled, these effects are also shown on your Android device.
- **Desktop composition.** Desktop composition changes the way windows are depicted on the screen.
- **Window dragging.** Enable this option to show window contents when dragging windows.
- **Themes.** Enable this option to use the remote desktop themes when connected.

## Other

On the **Other** tab, you can edit the following settings:



- **Network level authentication.** Select this option to enable network level authentication, which will require the client to authenticate before connecting to the server.

- **Use pre-Windows 2000 login format.** Select this option to use `domain\user` as the login format to log in to remote computer.
- **Override device name.** Tap this option to set another name under which your Android device will be displayed on the remote server.

## Remove a Connection

To remove a connection, do the following:

- 1 Open Parallels Client.
- 2 Swipe left or right to the connection you want to remove.
- 3 Tap the  icon in the top right corner and choose **Edit**.

**Note:** This icon may be absent if your Android device has a physical or virtual menu button. Use this button instead.

- 4 Tap the **Recycle Bin** icon at the bottom of the screen and tap **Remove**.
- 5 Once ready, tap the tick in the top left corner.

# Edit Parallels Client Settings

While working with Parallels Client, you can edit its settings the way you need. To open Parallels Client settings, do the following:

- 1 Open Parallels Client.
- 2 Tap the  icon in the top right corner and choose **Settings**.

**Note:** This icon may be absent if your Android device has a physical or virtual menu button. Use this button instead.

Read this chapter to learn which settings can be modified and how.

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## General Settings

The **General** section allows you to modify the following settings:

GENERAL	
Keep device awake	<input checked="" type="checkbox"/>
Show keyboard automatically	<input checked="" type="checkbox"/>
Run in background Never	
Report statistics	<input type="checkbox"/>
Use detailed log messages	<input type="checkbox"/>

- **Keep device awake.** If you're connected to a remote server and this option is enabled, your mobile device won't switch to sleep mode after some interval of user inactivity.
- **Show keyboard automatically.** When this option is on, the keyboard will pop up automatically every time you tap a text field.
- **Run in background.** When you switch to another application after working with Parallels Client, Android suspends inactive app and your connection with the remote server is lost. In this menu, you can configure how long Parallels Client remains active when it is running in the background.
- **Report statistics.** Check this option if you agree to participate in the customer experience program (p. 40). Parallels collects statistical information to improve the product. No personal data is collected.

- **Use detailed log messages.** If you have any issues with Parallels Client and decided to send technical data (p. 41) to your Remote Application Server administrator, select **Use detailed log messages** before sending the data. The administrator will receive a more detailed log file and spend less time to fix the issue. You're not recommended to have this option enabled all the time - Parallels Client may start working slower.

## Remote Screen Settings

The **Remote Screen** section allows you to modify the following settings:

### REMOTE SCREEN

---

**Orientation**  
Auto

---

**Change resolution**  
No

- **Orientation.** Choose the preferred screen orientation between **Portrait**, **Landscape**, and **Auto**.
- **Change resolution.** If Orientation is set to **Auto**, choose whether to change the screen resolution when the orientation changes.

## Security Settings

The **Security** section allows you to modify the following settings:

### SECURITY

---

**Server authentication**  
Warn

---

**Clear all saved security certificates**

- **Server authentication.** Tap this field to choose what to do when an untrusted certificate is used to establish connection to the remote server.
- **Clear all saved security certificates.** Tap this field to remove all saved security certificates.

## User Input Settings

The **User Input** section allows you to modify the following settings:

**USER INPUT**

---

Send Unicode characters

---

Swap mouse buttons

- **Send Unicode characters.** Enable this option if you want the keyboard to send characters as unicode instead of scancode.
- **Swap mouse buttons.** Enable this option to swap the mouse buttons on the remote server.

## Other Settings

The **Other** section allows you to modify the following settings:

**OTHER**

---

Reset all hidden messages

- **Reset all hidden messages.** Some of the Parallels Client messages have the **Don't show again** checkbox. If you tap this checkbox, the message won't show again. Tap **Reset all hidden messages** to restore such messages.

## About Parallels Client

The **About Parallels Client** section allows you to get the following information:

**ABOUT PARALLELS CLIENT**

---

**Version**  
15.5.0.15493 GP

**Customer experience program**

---

**Copyright information**

---

**Technical support**

- **Version.** This field allows you to check the Parallels Client version.
- **Customer experience program.** Tap this field to read more about the customer experience program.
- **Copyright information.** Tap this field to see the copyright information.
- **Technical support.** Tap this field to learn how to get technical support.

## CHAPTER 7

# Troubleshooting

If you have any problems with Parallels Client or experienced a crash, check our help resources. Do the following:

- 1 Open Parallels Client.
- 2 Tap the  icon in the top right corner and choose **Troubleshooting**.

**Note:** This icon may be absent if your Android device has a physical or virtual menu button. Use this button instead.

You can read the most popular knowledgebase articles or tap **Knowledge base index** for more articles. If you still have a problem, contact the Parallels support team or send technical data to Parallels.

**Note:** Please note that Parallels collects technical data to analyze the issue and work out a solution. Parallels doesn't answer the messages with tech data.

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