



Parallels Remote Application Server

Parallels Client for Chrome User's Guide

v15

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CHAPTER 1

Getting Started with Parallels Client for Chrome

About Parallels Client for Chrome

Parallels Client for Chrome is an extension to the Chrome web browser that allows you to connect to Remote Application Server.

Invitation Email

Before you start with Parallels Client, your system administrator must send you an invitation email with the instructions on how to install Parallels Client and configure the first connection.

Read on the following topics for more details.

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Installing Parallels Client

System Requirements

To add the Parallels Client extension to your Chrome browser, you must have the Chrome browser version 31.0.1650 or later.

Note: To check the version of your Chrome browser, click the Chrome menu  > **Help** > **About Google Chrome**.

Installation Procedure

The preferred way to install Parallels Client is to follow the instructions from the invitation email (p. 4).

Another way to install Parallels Client is to install it from the Chrome Web Store. Do the following:

- 1 In the Chrome browser, open Chrome Web Store.
- 2 Search for `Parallels Client`.
- 3 Click **ADD TO CHROME** and follow the onscreen instructions.

Configuring a Connection

To configure the first connection, follow the instructions from the invitation email (p. 4).

Configure Connection Automatically

To configure Parallels Client to connect to Remote Application Server automatically, follow the instructions from the invitation email.

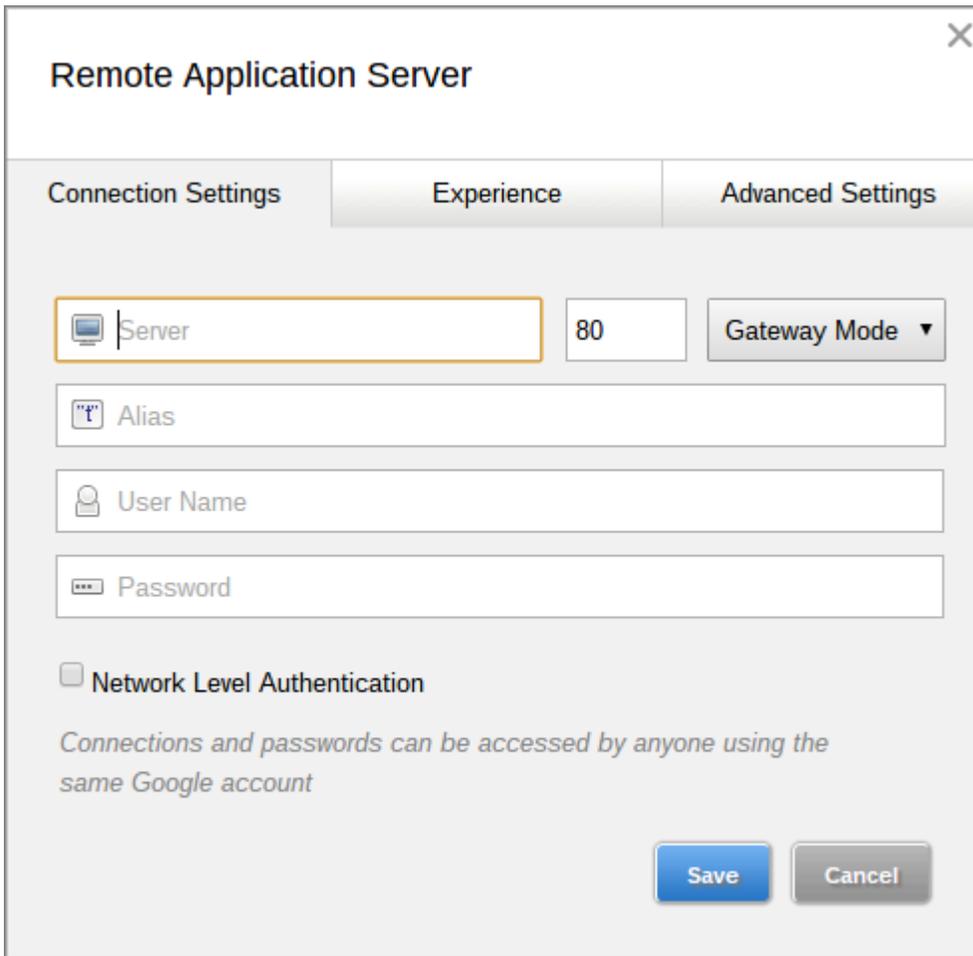
Configure Connection Manually

The invitation email from your system administrator contains the parameters that you can use to configure a connection manually. Do the following:

- 1 Open Parallels Client for Chrome by doing the following:
 - If you're working in Chrome OS, click **Launcher** in the left bottom corner, select **All Apps** and click **Parallels Client**.
 - If you're working in Windows, click the **Start** button > **All Programs** > **Chrome Apps** and launch Parallels Client.

You can also launch Parallels Client from **Chrome App Launcher** installed together with the Parallels Client extension. To open **Chrome App Launcher**, click the **Start** button > **All Programs** > **Google Chrome** and select **Chrome App Launcher**.

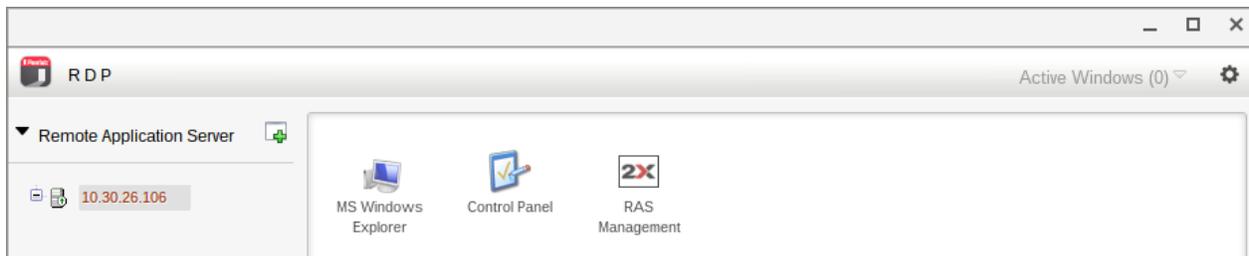
- 2 Click **Add Remote Application Server** . The following screen appears.



The screenshot shows a dialog box titled "Remote Application Server" with a close button (X) in the top right corner. The dialog has three tabs: "Connection Settings", "Experience", and "Advanced Settings". The "Connection Settings" tab is active. It contains the following fields and controls:

- A text input field for "Server" containing the text "Server".
- A text input field for "Port" containing the number "80".
- A dropdown menu for "Gateway Mode" currently set to "Gateway Mode".
- A text input field for "Alias".
- A text input field for "User Name".
- A text input field for "Password".
- An unchecked checkbox labeled "Network Level Authentication".
- A warning message: "Connections and passwords can be accessed by anyone using the same Google account".
- Two buttons at the bottom right: "Save" (blue) and "Cancel" (grey).

- 3 Specify the **Server**, **Port**, and **Connection Mode** settings. You must take them from the invitation email.
- 4 Enter your user name.
- 5 Click **Save** when done.
- 6 When asked, enter your password. If the connection was successful, the right pane of the **Parallels Client** window should now display the published resources that you can use. If you receive an error, verify that the connection and logon information is entered correctly and try again.



Read on to learn how to use Parallels Client for Chrome.

CHAPTER 2

Using Parallels Client for Chrome OS

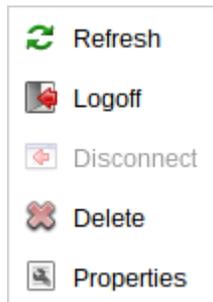
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Logging On and Working with Sessions

To connect to Parallels Remote Application Server, double-click a connection in the **Connections** list (or right-click > **Connect**).

Every time you connect to a remote server from Parallels Client, a session is created for the connection. To manage a session, right-click a connection in the **Connections** list.



The context menu has the following options allowing you to perform session management tasks:

- **Refresh.** Use this option to refresh the session and the published resources view in the right pane. If there were changes on the Parallels Remote Application Server side, they will be reflected in the Parallels Client.
- **Logoff.** Logs off Parallels Client from the session.
- **Connect.** Connect to Remote Application Server using the selected connection settings. If the selected connection is active, this menu item will be disabled.
- **Disconnect.** Disconnect from Remote Application Server. If the selected connection is inactive, this menu item will be disabled.

- **Delete.** Removes the selected connection.
- **Properties.** Opens the window where you can edit various connection properties.

Adding a New Connection

Parallels Client allows you to create and save more than one connection, so you could easily connect to different servers or using different connection properties, etc.

To add a new connection:

1 Open Parallels Client for Chrome by doing the following:

- If you're working in Chrome OS, click **Launcher** in the left bottom corner, select **All Apps** and click **Parallels Client**.
- If you're working in Windows, click the **Start** button > **All Programs** > **Chrome Apps** and launch Parallels Client.

You can also launch Parallels Client from **Chrome App Launcher** installed together with the Parallels Client extension. To open **Chrome App Launcher**, click the **Start** button > **All Programs** > **Google Chrome** and select **Chrome App Launcher**.

2 Click **Add Remote Application Server** .

3 In the next step, enter the connection properties.

The screenshot shows a dialog box titled "Remote Application Server" with a close button (X) in the top right corner. The dialog has three tabs: "Connection Settings" (selected), "Experience", and "Advanced Settings". Under the "Connection Settings" tab, there are several input fields and a dropdown menu:

- A "Server" field with a computer icon, containing the text "Server".
- A "Port" field containing the number "80".
- A "Gateway Mode" dropdown menu with a downward arrow.
- An "Alias" field with a document icon.
- A "User Name" field with a person icon.
- A "Password" field with a lock icon and three dots.
- A checkbox labeled "Network Level Authentication" which is currently unchecked.

Below the fields, there is a warning message: "Connections and passwords can be accessed by anyone using the same Google account". At the bottom right, there are two buttons: "Save" (blue) and "Cancel" (grey).

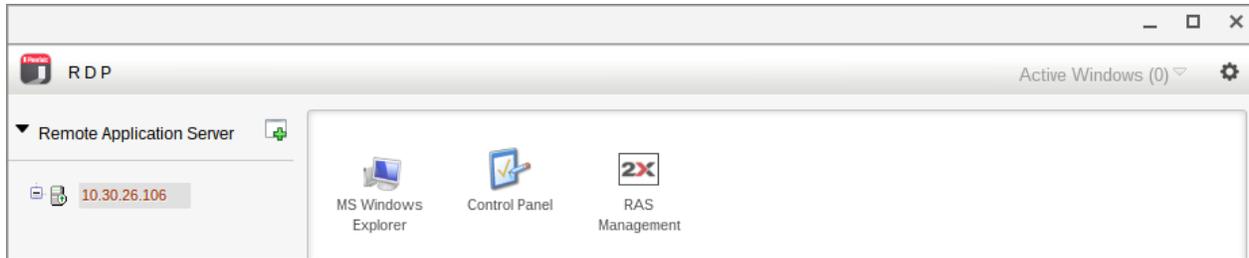
4 In the **Server** field, specify the RAS Secure Client Gateway name or IP address.

5 If your administrator told you to specify the server's port number, enter the port number in the **Port** field. The field normally contains a default value (80). You should only modify it if your system administrator told you to do so.

6 In the **Connection mode** field, select one of the following options:

- **Gateway Mode.** Parallels Client connects to the RAS Secure Client Gateway and the session connection is tunneled through the first available connection. This mode is ideal for Terminal servers, VDI desktops and remote PCs that are only reachable via the gateway and do not require a high level of security.
- **Gateway SSL Mode.** Same as the gateway mode above, but uses encryption to secure the data.
- **Direct Mode.** Parallels Client first connects to the RAS Secure Client Gateway for the best available terminal server and then connects directly to that server. This is best used when the Parallels Client and the terminal server reside on the same network.
- **Direct SSL Mode.** Same as the direct mode above, but uses encryption to secure the data.

- 7 In the **Alias** field, choose and type a friendly name for this connection.
- 8 Enter your user name.
- 9 Click **Save** when done.
- 10 When asked, enter your password. If the connection was successful, the right pane of the **Parallels Client** window should now display the published resources that you can use. If you receive an error, verify that the connection and logon information is entered correctly and try again.

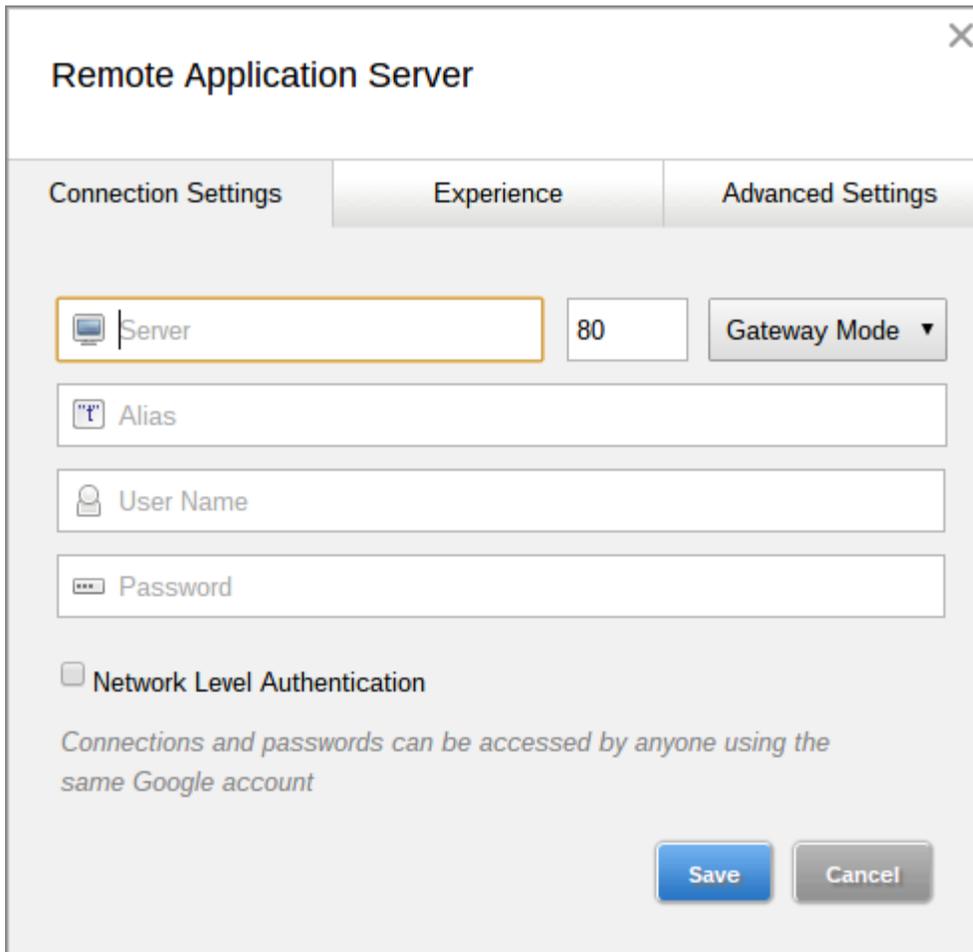


Once you have more than one connection, you can switch between them by selecting a connection in the left pane of the main Parallels Client window.

You can have multiple active connections at the same time. When you switching to an active connection, the right pane will display the corresponding server's published resources.

Modifying Connection Properties

To modify connection properties, right-click it and choose **Properties**.



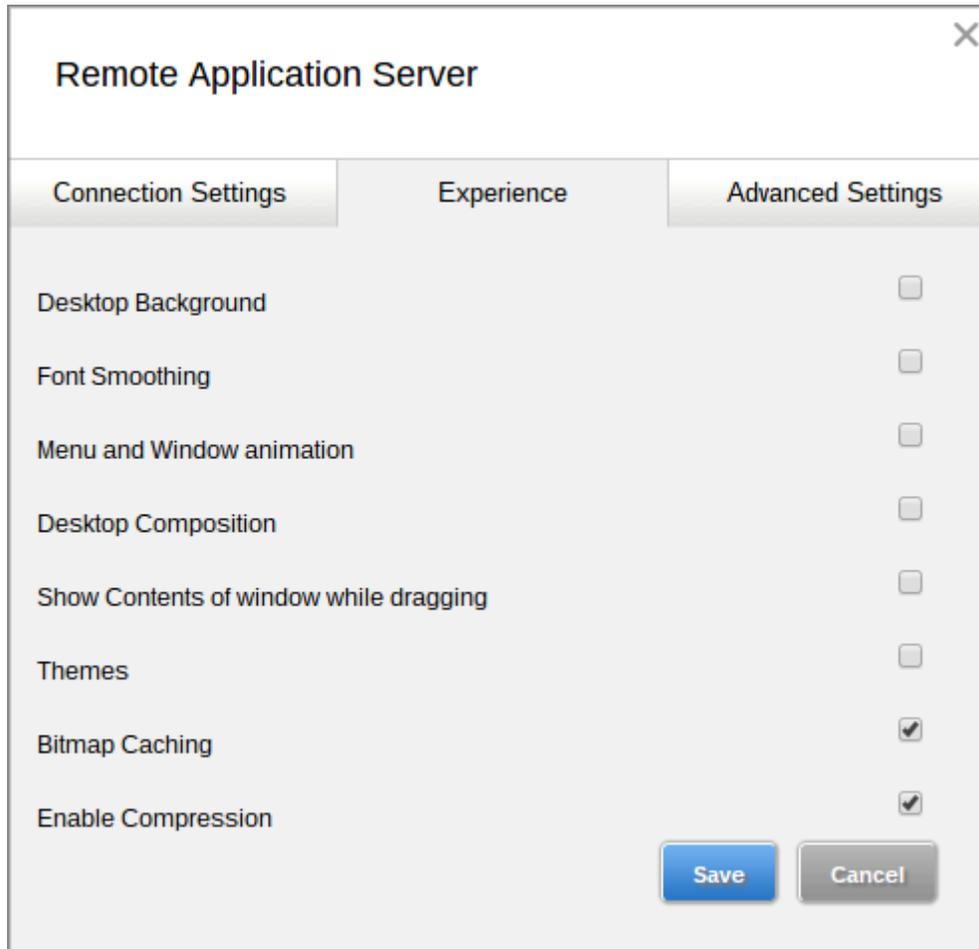
The image shows a dialog box titled "Remote Application Server" with a close button (X) in the top right corner. The dialog has three tabs: "Connection Settings", "Experience", and "Advanced Settings". The "Connection Settings" tab is active. It contains the following fields and controls:

- A text input field with a computer icon and the text "Server".
- A numeric input field containing the value "80".
- A dropdown menu labeled "Gateway Mode" with a downward arrow.
- A text input field with a key icon and the text "Alias".
- A text input field with a person icon and the text "User Name".
- A text input field with a key icon and the text "Password".
- An unchecked checkbox labeled "Network Level Authentication".
- A warning message: "Connections and passwords can be accessed by anyone using the same Google account".
- Two buttons at the bottom right: "Save" (blue) and "Cancel" (grey).

The following subsections describe the tabs that you can click to view and configure the groups of connection properties.

Experience

The **Experience** tab allows you to configure the following options:



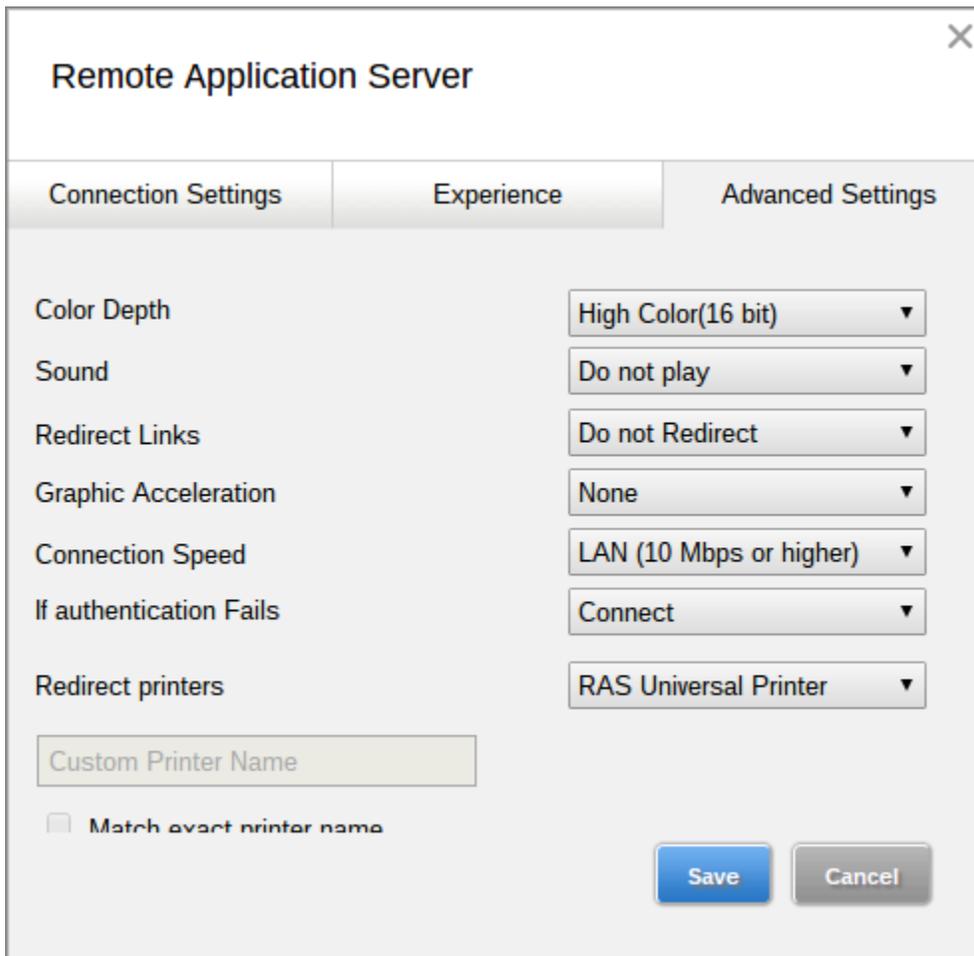
Note: These options make the remote computer desktop, menus and windows look pretty but may slow down the connection speed. It's safe to enable these options if your connection speed is 100 Mbps or faster.

- **Desktop Background.** Enable this option to show the remote computer desktop background.
- **Font Smoothing.** This option makes all fonts smooth for improved readability.
- **Menu and Window animation.** If menus and windows on the remote computer have visual effects and this option is enabled, these effects are also shown on the local device or computer.
- **Desktop Composition.** Desktop composition changes the way windows are depicted on the screen.
- **Show Contents of window while dragging.** Enable this option to show window contents when dragging windows.

- **Themes.** Enable this option to use the remote desktop themes when connected.
- **Bitmap Caching.** This option must be enabled to increase the connection bandwidth efficiency.
- **Enable Compression.** It is recommended to enable this option to have a more efficient connection.

Advanced Settings

The **Advanced Settings** tab allows you to configure the following options:



The screenshot shows a dialog box titled "Remote Application Server" with a close button (X) in the top right corner. The dialog has three tabs: "Connection Settings", "Experience", and "Advanced Settings", with "Advanced Settings" currently selected. The settings are as follows:

Setting	Value
Color Depth	High Color(16 bit)
Sound	Do not play
Redirect Links	Do not Redirect
Graphic Acceleration	None
Connection Speed	LAN (10 Mbps or higher)
If authentication Fails	Connect
Redirect printers	RAS Universal Printer

Below the printer settings, there is a text input field labeled "Custom Printer Name" and a checkbox labeled "Match exact printer name" which is currently unchecked. At the bottom right, there are two buttons: "Save" (highlighted in blue) and "Cancel".

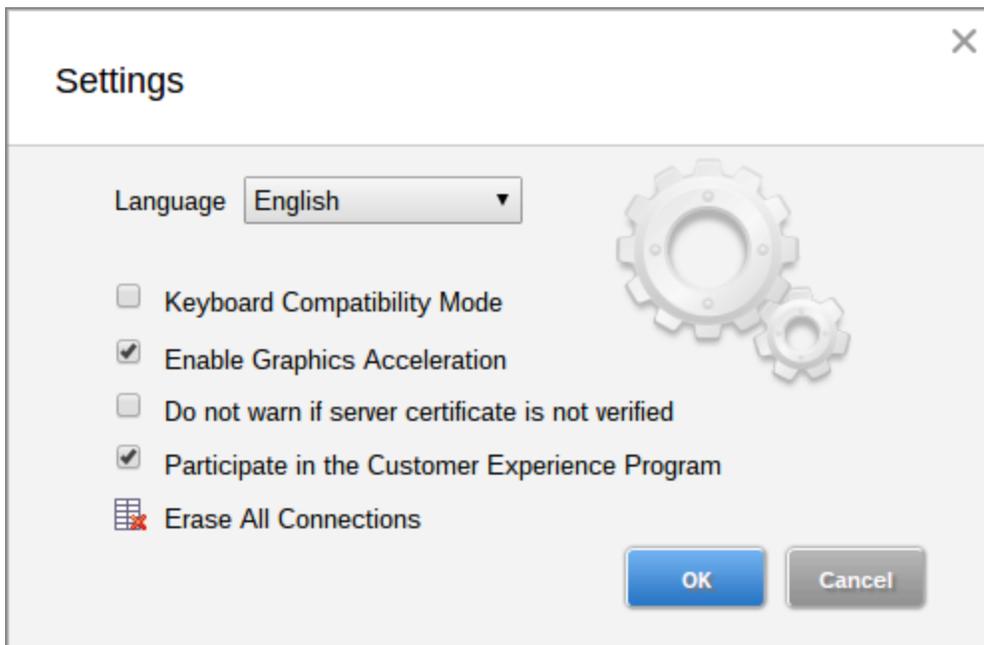
- **Color Depth.** Use this option to specify the color depth.
- **Sound.** This option allows you to specify how the sound on the remote computer should be handled.
- **Redirect Links.** This option allows you to redirect URLs and emails to the device or computer where Parallels Client is installed. Select one of the following options:
 - **Do not Redirect.** Enable this option to disable redirection.

- **Redirect URLs.** Enable this option to use the local web browser when opening 'http:' links.
- **Redirect Mail.** Enable this option to use the local mail client when opening 'mailto:' links.
- **Redirect All.** Enable this option to redirect both URLs and emails to the local device or computer.
- **Graphic Acceleration.** Use this option to select the graphics acceleration type.
- **Connection Speed.** This option allows you to tweak the connection speed to optimize the performance of the connection with the remote host.
- **If Authentication Fails.** This option allows you to specify what happens if the server authentication fails. Select one of the following options:
 - **Connect.** The user can ignore the certificate of the server and still connect.
 - **Warn.** The user is alerted about the certificate and still has the ability to choose whether to connect or not.
 - **Do not connect.** The user is not allowed to connect.
- **Redirect Printers.** This menu allows you to configure printing options. Select the technology to use when redirecting printers to a remote computer:
 - **Do not redirect.** No printer redirection will be configured.
 - **RAS Universal Printer.** Select this option if you want to use RAS Universal Printer.
 - **Custom.** When this option is selected, you can specify a custom printer which might be installed on the remote computer. The first printer that matches the printer name inserted in the custom text box, will be set as the default printer on the remote computer.

Select **Match exact printer name** to match the name exactly as inserted in the custom text box. Please note that the remote printer name might differ from the original printer name. Also note that local printers might not be redirected due to server settings or policies.

Configuring Parallels Client Settings

You can configure the Parallels Client settings by clicking  in the top right corner of the Parallels Client window and choosing **Settings**. This will open the **Settings** dialog.



The following options are available:

- **Language.** Select the language of the Parallels Client interface.
- **Keyboard Compatibility Mode.**
- **Enable Graphics Acceleration.**
- **Do not warn if server certificate is not verified.** When connected over SSL, and the certificate is not verified, a warning message will be displayed. You can disable this warning message by enabling this option.
- **Participate in the Customer Experience Program.** Choose whether you'd like to participate in the customer experience program to help Parallels improve the product. No personal data will be collected.
- **Erase All Connections.** Remove data about all your Remote Application Server connections.

Checking the Build Number

To check the version and build number of Parallels Client for Chrome, click  in the top right corner of the Parallels Client window and choose **About**. A window appears showing the build number.

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