

Parallels[®] Panel

Integrating Google Services for Websites into Parallels Plesk Panel 9.5

Provider's Guide

Copyright Notice

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Preface

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Typographical Conventions

Before you start using this guide, it is important to understand the documentation conventions used in it.

The following kinds of formatting in the text identify special information.

Formatting convention	Type of Information	Example
Special Bold	Items you must select, such as menu options, command buttons, or items in a list.	Go to the System tab.
	Titles of chapters, sections, and subsections.	Read the Basic Administration chapter.
<i>Italics</i>	Used to emphasize the importance of a point, to introduce a term or to designate a command line placeholder, which is to be replaced with a real name or value.	The system supports the so called <i>wildcard character</i> search.
Monospace	The names of commands, files, and directories.	The license file is located in the <code>http://docs/common/licenses</code> directory.

Formatting convention	Type of Information	Example
Preformatted	On-screen computer output in your command-line sessions; source code in XML, C++, or other programming languages.	<pre># ls -al /files total 14470</pre>
Preformatted Bold	What you type, contrasted with on-screen computer output.	<pre># cd /root/rpms/php</pre>
CAPITALS	Names of keys on the keyboard.	SHIFT, CTRL, ALT
KEY+KEY	Key combinations for which the user must press and hold down one key and then press another.	CTRL+P, ALT+F4

Feedback

If you have found an error in this guide, or if you have suggestions or ideas on how to improve this guide, please send your feedback using the online form at <http://www.parallels.com/en/support/usersdoc/>. Please include in your report the guide's title, chapter and section titles, and the fragment of text in which you have found an error.

Integrating Google Services for Websites into Parallels Plesk Panel 9.5 Servers

Parallels Plesk Panel 9.5 provides hosting companies with the means to easily integrate with Google Services for Websites.

Participation in the Google Services for Websites program offers the following benefits for hosting providers and their customers:

- Providers can receive referral fees when their customers enroll in the Google AdSense program or subscribe to paid Google Site Search services.
- Site owners can use Google tools to improve sites' visibility, add high quality search and widgets to engage and retain visitors, and monetize the traffic to websites with relevant ads.

To learn more about the program, visit

<http://www.google.com/webmasters/provider/overview.html> and <http://www.google.com/webmasters/provider/faq.html>.

➤ *To integrate Parallels Plesk Panel-managed servers with Google Services for Websites:*

1. Visit http://services.google.com/feedback/webmaster_provider_signup and sign up for a Google Apps account (Premier Edition), a Google AdSense account, and a Google Affiliate Network account.

You need to create a separate Google Apps account, connected to Google AdSense and Google Affiliate Network accounts, for every hosting server managed by Parallels Plesk Panel.

Once your application is processed by Google and your company is approved for the program, you will receive access credentials by e-mail.

2. Generate an RSA private key and a digital self-signed certificate by using the free OpenSSL utility, which is included in your Linux distribution or can be downloaded from <http://www.openssl.org/related/binaries.html> and installed on Windows-based computers.

- a. Issue the command `openssl genrsa -out rsaprivatekey.pem 1024`.

This command generates a 1024-bit private key and stores it in the file `rsaprivatekey.pem`. The resulting private key should be kept secret.

- b. Issue the command `openssl req -new -x509 -key rsaprivatekey.pem -out rsacert.pem`.

After you answer a number of questions, the certificate will be created and saved as `rsacert.pem`. This is the file you will need to upload to Google Apps via the Control Panel when configuring SSO.

3. Log in as administrator to your Google Apps Control Panel at <http://www.google.com/a/<your-google-apps-domain>>.
4. Select Advanced Tools, and then Set up single sign-on (SSO).
5. Do the following:
 - a. Select the Enable Single Sign-on check box.
 - b. In the Sign-in page URL field, specify the URL `https://<your-panel-server>:8443/plesk/gapps-identity-provider/`.
 - c. In the Sign-out page URL field, specify the URL `https://<your-panel-server>:8443/`.
 - d. In the Change password URL field, specify the URL `https://<your-panel-server>:8443/`.
 - e. In the Verification certificate field, upload your certificate.
 - f. Click Save changes.
6. Log in to your Parallels Plesk Panel as administrator.
7. Click the Settings link in the navigation pane, and then click Settings of Google Services for Websites.
8. Specify the following settings:
 - Google Apps domain name.
 - Google Apps domain administrator's username.
 - Google Apps domain administrator's password.
 - Google Affiliate Network ID.
 - Private key file. If you created a private key file on a computer other than your hosting server, use this field to upload the key file to the server.
 - Google AdSense API developer account e-mail.
 - Google AdSense API developer account password.
9. Click OK.

Now Parallels Plesk Panel is connected to your Google Apps domain account, and you can create user accounts in Parallels Plesk Panel and associate them with Google Apps user accounts. These operations are described in the following chapter.

For information about using the Google Services for your own websites, see the Parallels Plesk Panel 9.5 Administrator's Guide, section Using Google Services for Websites.

Providing Panel Users with Access to Google Services for Websites

After you create a new user account in Parallels Plesk Panel, you need to associate that account with a Google Apps user account.

➤ *To create a Google Apps user account and associate it with a user account in Parallels Plesk Panel:*

- For the Parallels Plesk Panel administrator's account, run the `admin` command line utility with the option `--create-gapps-account`.

The path to the utility is `/usr/local/psa/bin/admin` on Linux systems, and `C:\Program Files\Parallels\Plesk\bin\admin.exe` on Windows systems.

- For a Parallels Plesk Panel reseller's account, run the `reseller` command line utility with the option `--create-gapps-account <reseller's-username-in-the-panel>`.

The path to the utility is `/usr/local/psa/bin/reseller` on Linux systems, and `C:\Program Files\Parallels\Plesk\bin\reseller.exe` on Windows systems.

- For a Parallels Plesk Panel client's account, run the `client` utility with the option `--create-gapps-account <client's-username-in-the-panel>`.

The path to the utility is `/usr/local/psa/bin/client` on Linux systems, and `C:\Program Files\Parallels\Plesk\bin\client.exe` on Windows systems.

Now the user account in the Panel is associated with the newly created Google Apps user account, and the following items appear in the user's Parallels Plesk Panel:

- The Google Services for Websites links in the navigation pane and on user's Home page.
- The Google Services for Websites page accessible via the aforementioned links. This page enables users to add Custom Search engines to websites, create a new Google AdSense account, and it provides links to webmaster tools and useful resources at the Google website. When users of Parallels Plesk Panel click these links, they are taken to their Google accounts where they are logged in automatically.

➤ *To associate a user account in Parallels Plesk Panel with an already existing Google Apps user account:*

- For the Parallels Plesk Panel administrator's account, run the `admin` command line utility with the options `--link-gapps-account -gapps-login <google-apps-account-username> -gapps-passwd <google-apps-account-password>`.

The path to the utility is `/usr/local/psa/bin/admin` on Linux systems, and `C:\Program Files\Parallels\Plesk\bin\admin.exe` on Windows systems.

- For a Parallels Plesk Panel reseller's account, run the `reseller` command line utility with the options `--link-gapps-account <reseller's-username-in-the-panel> -gapps-login <google-apps-account-username> -gapps-passwd <google-apps-account-password>`.

The path to the utility is `/usr/local/psa/bin/reseller` on Linux systems, and `C:\Program Files\Parallels\Plesk\bin\reseller.exe` on Windows systems.

- For a Parallels Plesk Panel client's account, run the `client` utility with the options `--link-gapps-account <client's-username-in-the-panel> -gapps-login <google-apps-account's-username> -gapps-passwd <google-apps-account's-password>`.

The path to the utility is `/usr/local/psa/bin/client` on Linux systems, and `C:\Program Files\Parallels\Plesk\bin\client.exe` on Windows systems.

If you need to remove a user account from the Panel, then you first need to remove the Google Apps account associated with this user, and then remove the user account from the Panel.

➤ *To remove a Google Apps account associated with a user:*

- For the Parallels Plesk Panel administrator's account, run the `admin` command line utility with the option `--remove-gapps-account`.

The path to the utility is `/usr/local/psa/bin/admin` on Linux systems, and `C:\Program Files\Parallels\Plesk\bin\admin.exe` on Windows systems.

- For a Parallels Plesk Panel reseller's account, run the `reseller` command line utility with the option `--remove-gapps-account <reseller's-username-in-the-panel>`.

The path to the utility is `/usr/local/psa/bin/reseller` on Linux systems, and `C:\Program Files\Parallels\Plesk\bin\reseller.exe` on Windows systems.

- For a Parallels Plesk Panel client's account, run the `client` utility with the option `--remove-gapps-account <client's-username-in-the-panel>`.

The path to the utility is `/usr/local/psa/bin/client` on Linux systems, and `C:\Program Files\Parallels\Plesk\bin\client.exe` on Windows systems.