

# How to Configure Google Drive as a Backup Additional Destination

## Overview

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## Overview

This document explains how to set up your Google Drive™ account as an *Additional Destination* in WHM's *Backup Configuration* interface (*WHM >> Home >> Backup >> Backup Configuration*).

## Set up the Google Drive API for your Google account

### Note:

To create a Google Drive account, visit the Google® [Create your Google Account](#) page.

To configure the Google Drive API for your Google account, perform the following steps:

1. Visit the [Google API Manager](#) website.
2. In the left navigation bar, click *Library*.
3. Under the *G Suite* heading, click *GoogleDrive API*.
4. Click *Create Project*, and then click *Create*. A new menu will appear.

### Note:

If the new menu does **not** appear, perform the following steps:

- a. Click *Credentials* in the left navigation bar.
  - b. Click *Create*.
5. Enter your new project name and click *Create*.
  6. Click *Enable*.

## Increase your Google Drive API quota

According to [Google's documentation](#), Google imposes limits and quotas on their APIs. This can cause errors when you back up your server to Google Drive.

To avoid errors due to these limitations, we recommend that you perform the following steps to increase your default quota settings:

1. Visit the [Google API Manager](#) website.
2. In the left side navigation bar, click *Google Drive API*.
3. Click *Quotas*.
4. Increase the value of the *Queries per 100 seconds per user* setting.

### Note:

A maximum value of 1000 usually resolves these errors. However, a lower setting may sufficiently resolve most errors.

5. Click *Done*.

## Create your account credentials

To set up Google Drive account credentials for backups, perform the following steps:

1. Visit the [Google API Manager](#) website.
2. In the left side navigation bar, click *Credentials*.
3. Click *Create credentials*.

**Note:**

If you already possess Google Drive account credentials, click *Create credentials* and then click *Help me choose*.

4. From the *Which API are you using?* menu, select *Google Drive API*.
5. From the *Where will you be calling the API from?* menu, select *Web Server (e.g. node.js, Tomcat)*.
6. From the *What data will you be accessing?* menu, select *User Data*.
7. Click *What credentials do I need?*.
8. In the *Create an OAuth 2.0 client ID* text box, enter your desired name.
9. In the *Authorized redirect URIs* text box, enter the `https://hostname:2087/googledriveauth/callback` link, where `hostname` represents your server's hostname.

**Note:**

To locate your server's hostname, perform either of the following actions:

- Run the `hostname` command as the `root` user.
- Navigate to WHM's [Change Hostname](#) interface (*WHM >> Home >> Networking Setup >> Change Hostname*). The server's hostname appears under the *Current Hostname* heading.

10. Click *Create*. The interface will display your new client ID and client secret.
  - We **strongly** recommend that you save these credentials in a secure location. Step 7 of the *Create a Google Drive transport* procedure requires these credentials.
  - You can also download a JSON file with your client ID and client secret, or access them in the *Credentials* section.
11. Click *Done*.

## Create a Google Drive transport

**Warning:**

While you perform these steps, disable any popup blockers in your browser to prevent errors.

To create a Google Drive transport, perform the following steps:

1. Log in to WHM as a `root`-enabled user.
2. Navigate to WHM's [Backup Configuration](#) interface (*WHM >> Home >> Backup >> Backup Configuration*) and scroll to the *Additional Destinations* section.
3. From the *Destination Type* menu, select *Google Drive™*.
4. Click *Create new destination*.
5. Enter your desired destination name.
6. Enter the desired folder in which to store backups.

**Note:**

If you do **not** specify a folder, the system will store backups in the top-level folder.

7. Enter your client ID and client secret.
8. Click *Generate Credentials* to create the credentials file. A new tab will appear that allows you to authorize access to your Google Drive data.
9. Click *Authorize Access*.
10. In the *Timeout* text box, enter the desired timeout duration.
11. Click *Save Destination*.

**Notes:**

- To validate your remote destination, click *Save and Validate Destination*.
- If you do **not** authorize access to your Google Drive data, this action will fail.

## Additional documentation

[Suggested documentation](#) [For cPanel users](#) [For WHM users](#) [For developers](#)

- [How to Create a Custom Transport Script for Backups](#)
  - [How to Run Backups on Locally-Mounted Remote Filesystems](#)
  - [How to Manage Metadata Settings](#)
  - [How to Resolve CIFS-mounted Backup Drive Permissions Errors](#)
  - [Remote Restoration](#)
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- [How to Create a Custom Transport Script for Backups](#)
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  - [Remote Restoration](#)
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- [WHM API 1 Functions - backup\\_destination\\_list](#)
  - [WHM API 1 Functions - backup\\_destination\\_add](#)
  - [WHM API 1 Functions - backup\\_destination\\_get](#)
  - [WHM API 1 Functions - backup\\_destination\\_set](#)
  - [WHM API 1 Functions - backup\\_set\\_list\\_combined](#)