Cloud Backup for Joomla

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Version: 2.1

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Cloud Backup v2.0 for Joomla

By - Bhartiy Web Technologies

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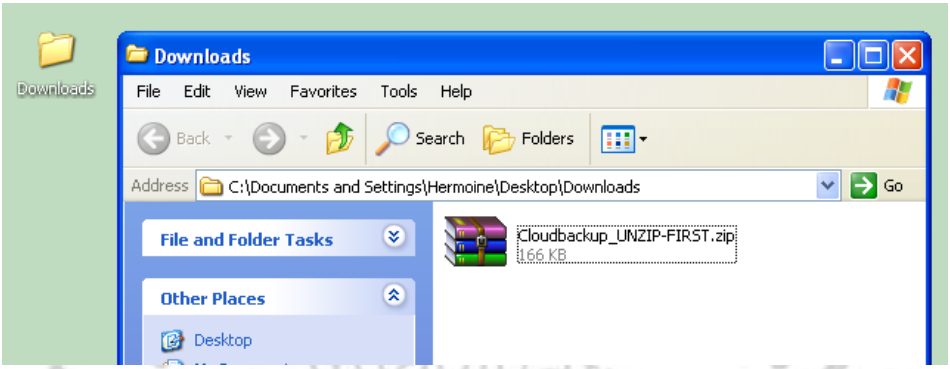
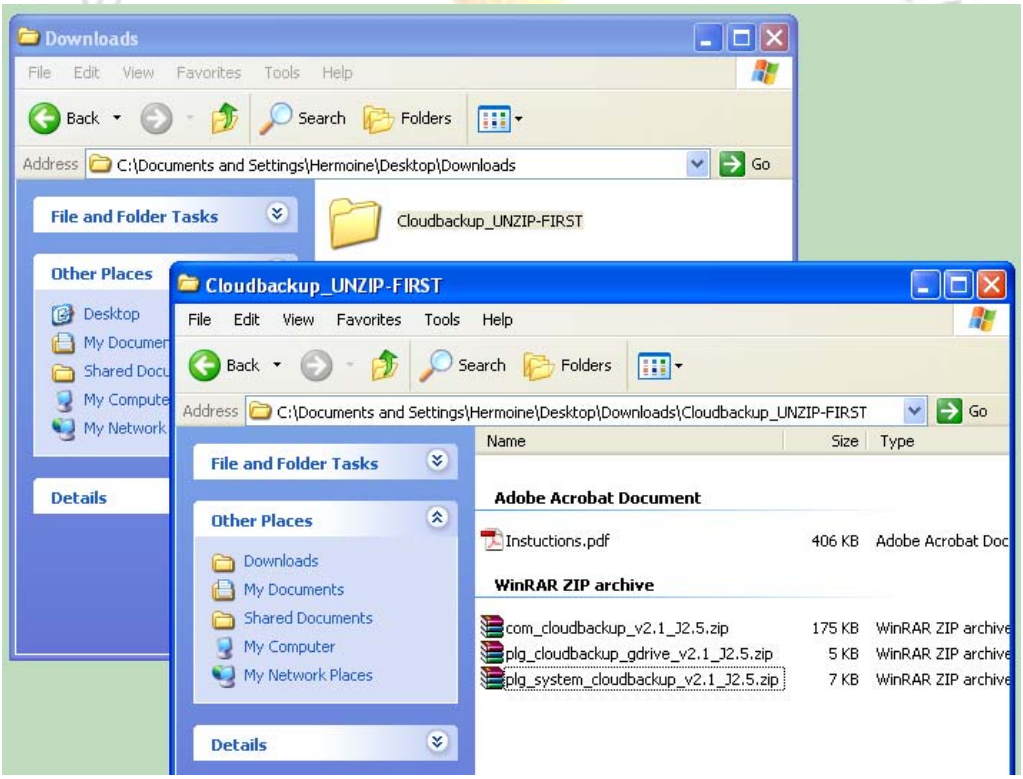
Installation

1. Download the extensions from our website http://www.bhartiy.com



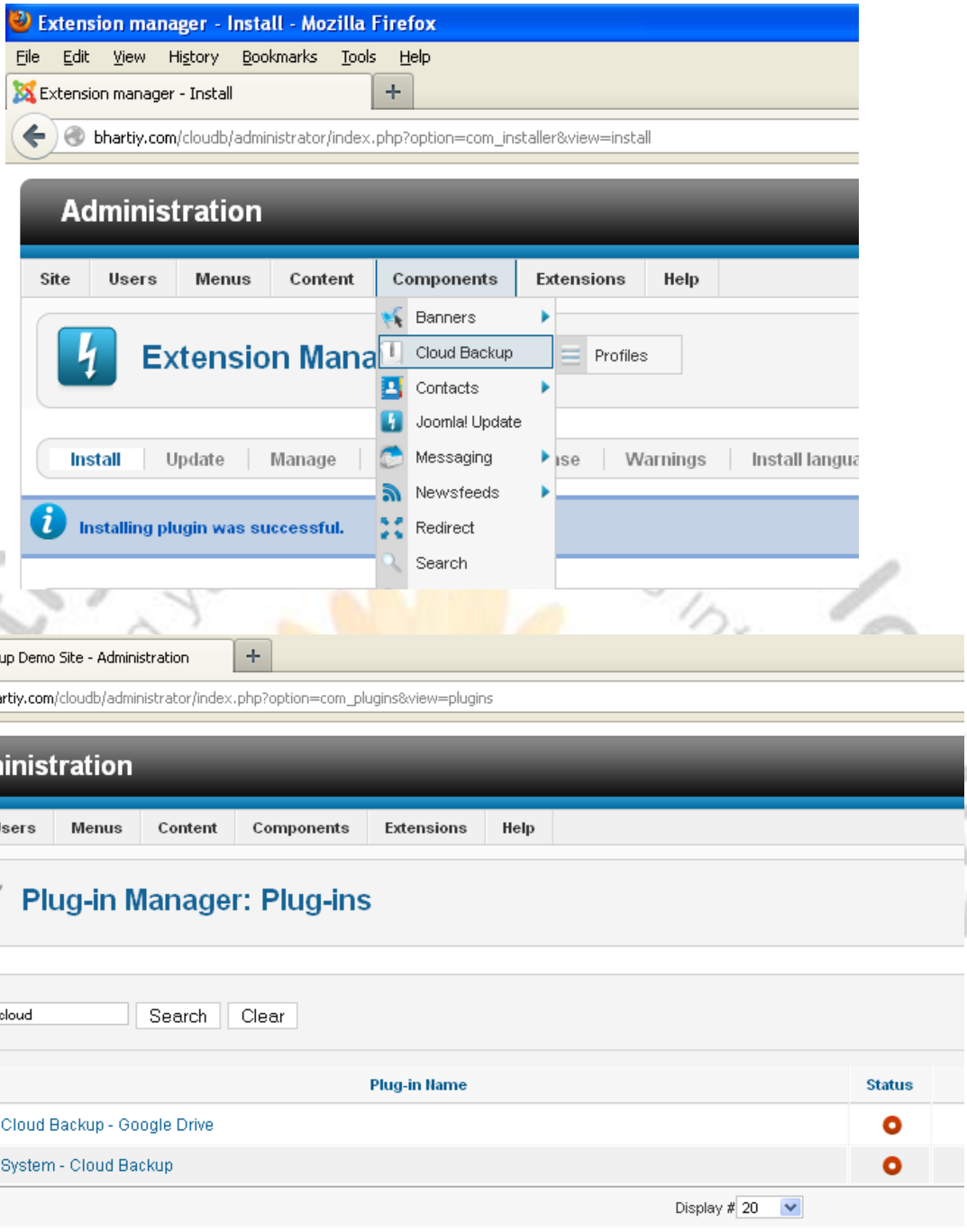


3. Go to your Joomla site's administrator panel, e.g. www.*yourdomain*.com/administrator

4. Go to Extension Manager in the Administrator main menu.

7. Similarly browse for the remaining two installers (*plg_system_cloudbackup_v2.1_J2.5.zip* and *plg_cloudbackup_gdrive_v2.1_J2.5.zip*) one by one and install.

8. After installing these extensions successfully, you will see the Cloud Backup component in the Components menu and the plug-ins in the Plug-in Manager.

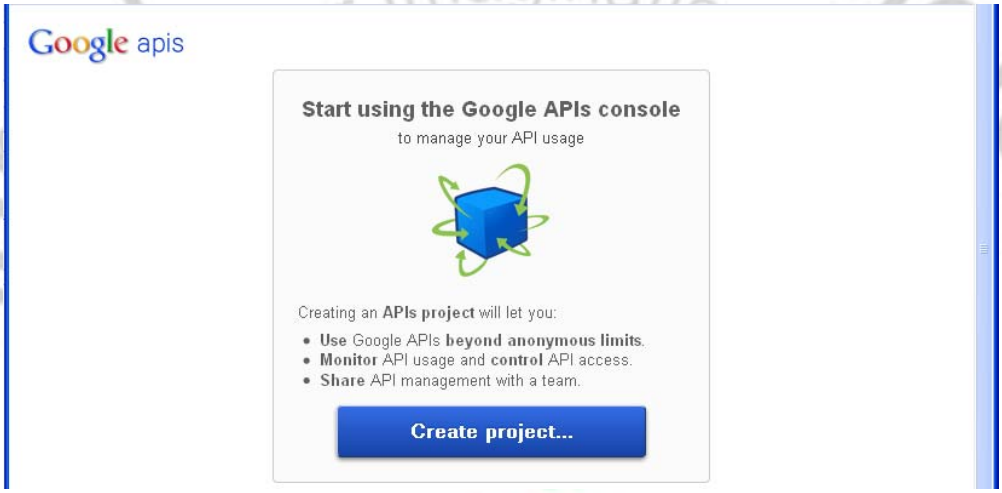


9. That's it! You have just installed Cloudbackup, the awesome solution for your website schedule backup task. Next you will know how to configure it to perform it the way you like to.

Configure Google API

To use Google Drive for you storage of your backup files you will need to create a project at Google APIs Console. After this you will obtain the API keys that will be used for the configuration of the *Cloud Backup Extension*.

Follow these steps to create an API project on Google APIs.



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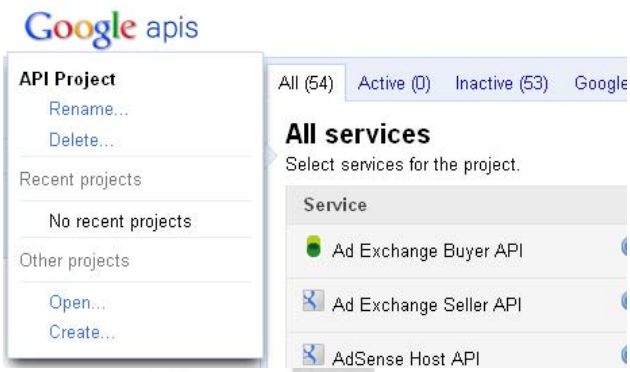
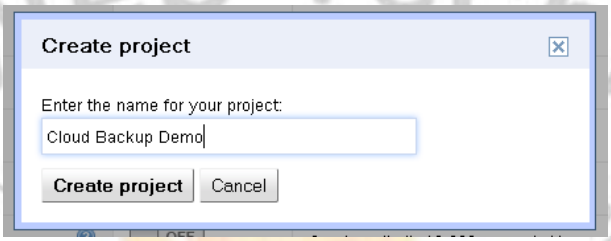
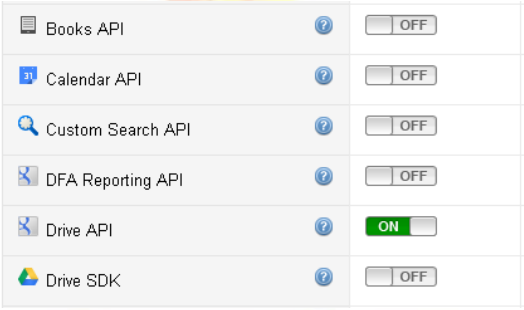
project.

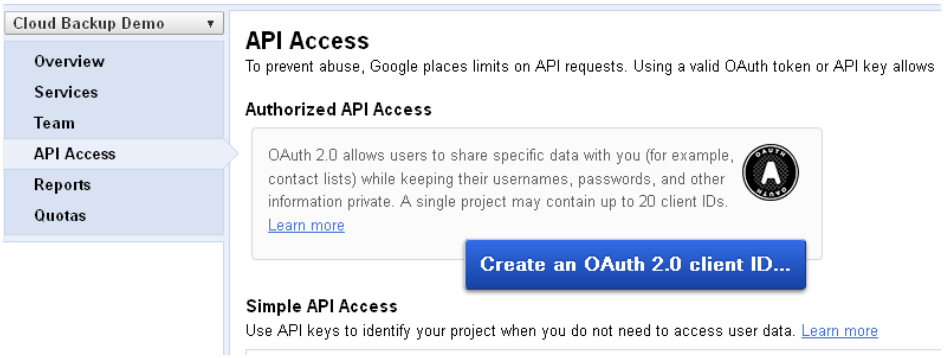
3. If this is your first project you might wish to rename this to some meaningful (*by default, API Project*), or create a new project for Cloud Backup API. I will start with the create option.



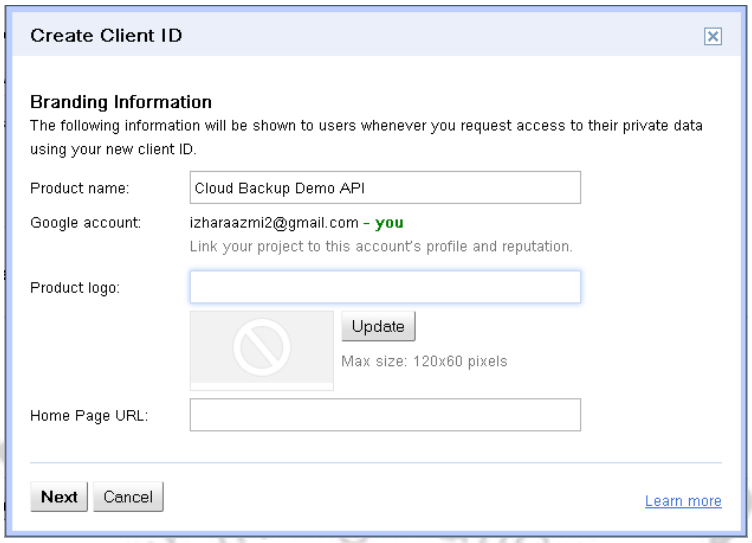




6. Now switch to the API Access tab and click **Create a OAuth2.0 client ID** button.



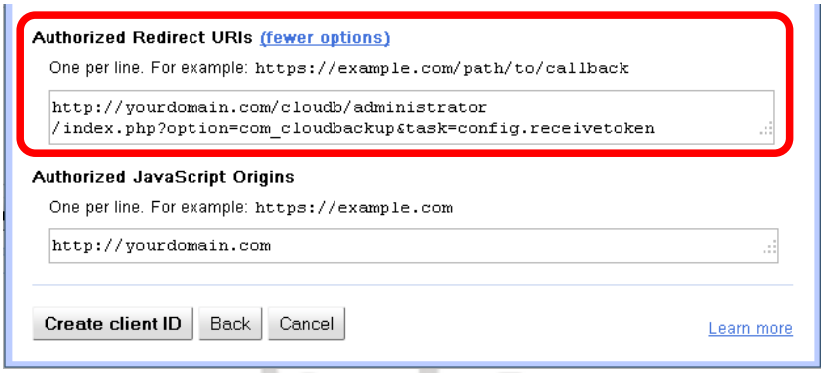
7. Fill out the form in the popup window. You only need to enter the name for the Product e.g. Cloud Backup. Remaining fields, viz. Your Logo URL and the Homepage URL are optional. Click **next** when you are done.



9. After clicking the more options link the form will ask you to fill the list of allowed redirect URIs. These are **very important** as they control the permissions of this API with the Cloud Backup extension installed on you site. Enter the following URLs in the *Authorized Redirect URIs* field. Write each URL in a separate line.

   Keep the Authorized JavaScript origin field empty.

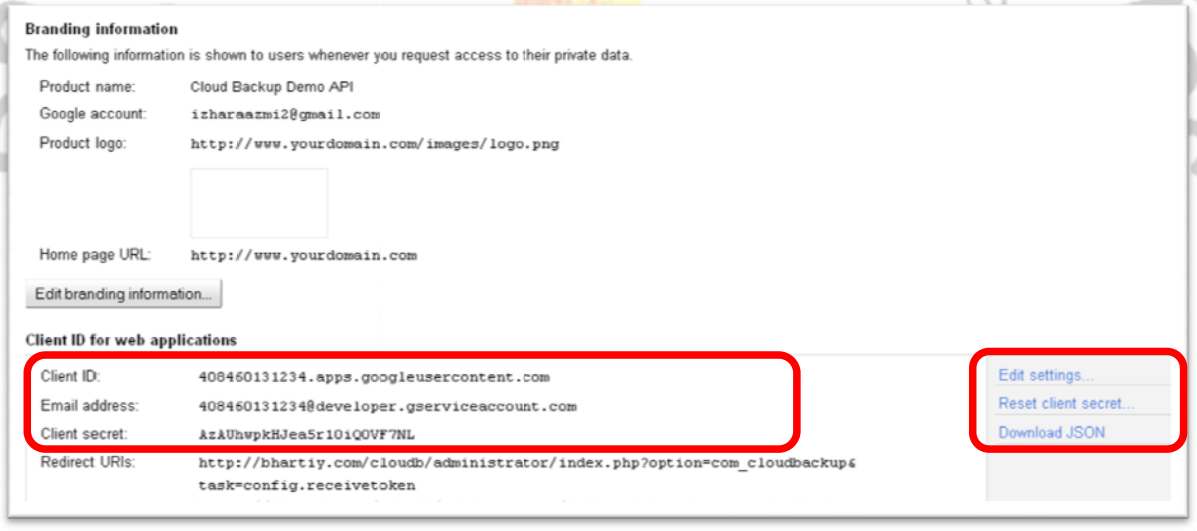
```
http://yourdomain.com /administrator/index.php?option=com_cloudbackup&task=config.receivetoken
http://www.yourdomain.com /administrator/index.php?option=com_cloudbackup&task=config.receivetoken
https://yourdomain.com /administrator/index.php?option=com_cloudbackup&task=config.receivetoken
https://www.yourdomain.com /administrator/index.php?option=com_cloudbackup&task=config.receivetoken
```



10. Finally click on the Create client ID. Your OAuth client ID will be created and you will be taken to the following page. Take a note of the **Client ID** and the **Client Secret** from here. You will need these two things to configure you *Cloud Backup* installation on your website.

    Warning: Never share your *client ID* and *client secret* with anybody. This should be entered at the appropriate field in the *Cloud Backup* component installed **on your site only.**

    If you ever need to modify the authorized Redirect URIs, you should go to edit settings link on the right hand side. Or you think your client secret has been compromised you can click on *Reset client secret* link. And afterwards update the new client secret in your cloud backup configuration.



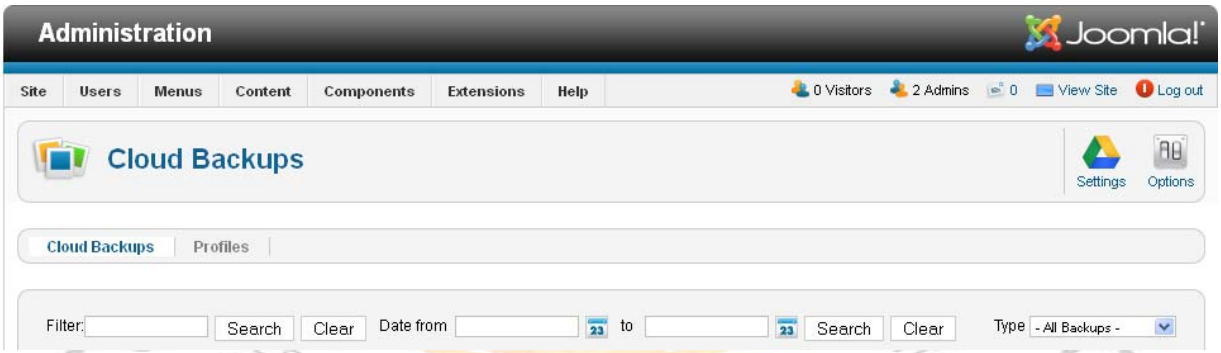
11. That's all for the Google API configuration. Now you have the *Client ID* and *Client Secret* for your Google Drive API.

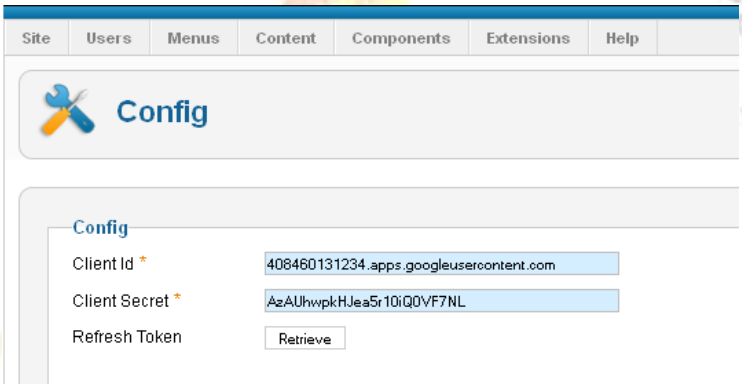
12. Next you will learn how to configure your Cloud Backup installation with these API keys.

Configure Cloud Backup API access

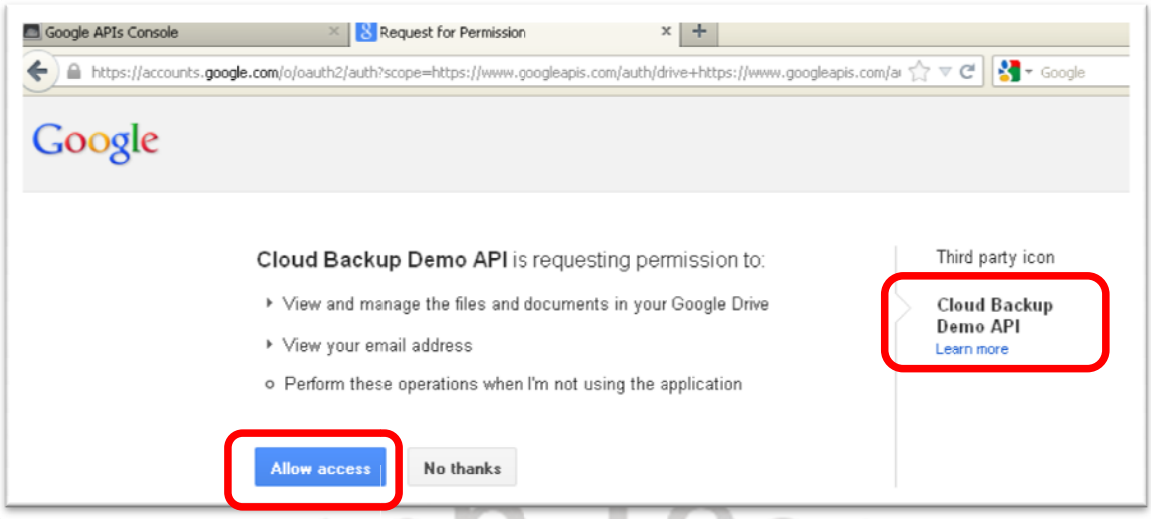
Now you are in possession of the API keys for your Google Drive API. Follow these steps to configure your *Cloud Backup* installation.

1. Go back to your website's administrative panel, e.g. www.*yourdomain*.com/administrator
2. Open the Cloud Backup component interface from *Main menu › Components › Cloud Backup.*



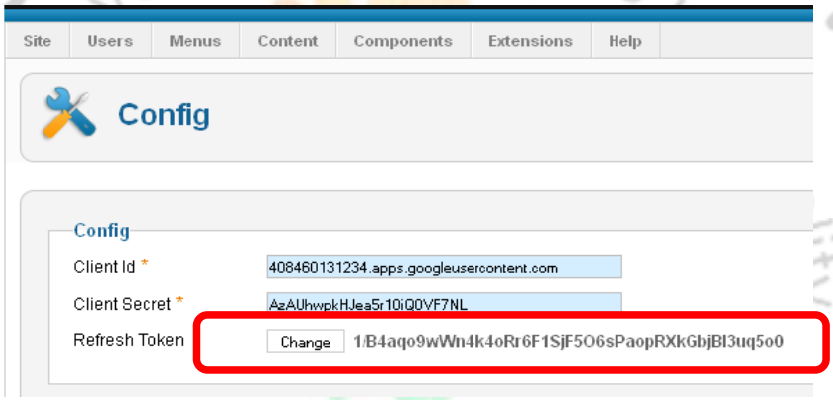


4. Enter the Client ID and Client Secret you just created at the Google APIs console. Then click on the Retrieve button to grant the *Cloud Backup* access to your Google Drive account. This will take you to the Google's *Request for Permission* page.
5. The Cloud Backup extension requests the following permission for its operation:
   a) View and manage the files and documents in your Google Drive
   b) View your email address
   c) Perform these operations when You're not using the application

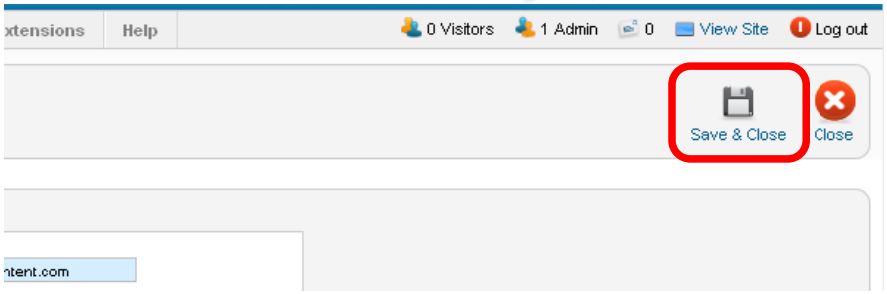


6. When you ensure that the request is for the same OAuth API that you created and the requested permissions are the same as documented here then you should click **Allow Access** button.

7. After that an access token will be generated and passed to the Cloud Backup extension which you will be able to see on the configuration page.



8. Finally click on **Save & Close** on the right top of the Component toolbar to save the credentials.

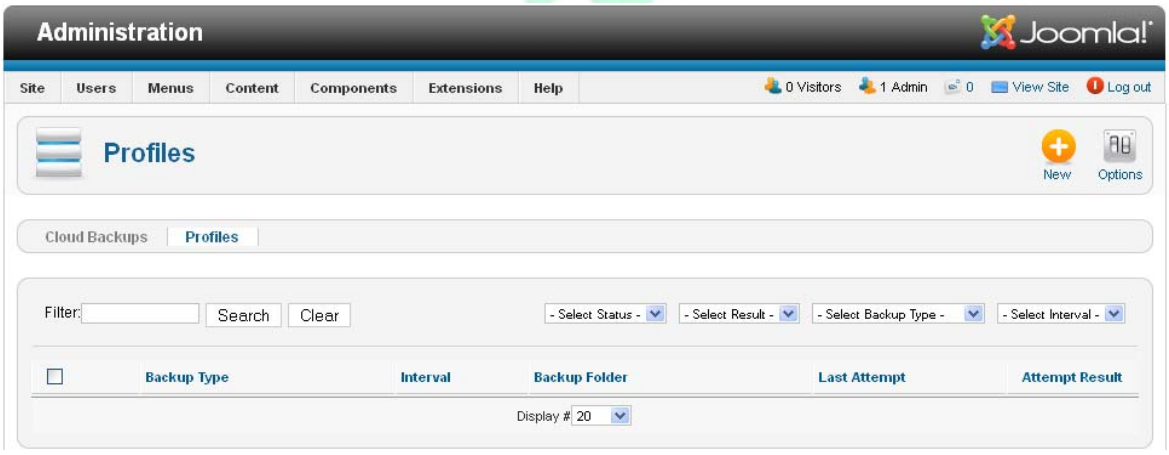


9. Now you have configured the API access to the Cloud Backup extension. In the next section we will describe how to create *Backup Profiles* for your website backups.

Create or manage Cloud Backup Profiles

Cloud Backup for Joomla v2.0 will create a backup of you website periodically including the files and the database. For this you will need to create one or more backup schedules with different settings (*described later*). These schedules are referred to as Backup Profiles for Cloud Backup.

Having multiple profiles lets you backup different set of data at different time schedules. You can also choose the frequency of each profile independently. This gives you website backup a great flexibility.



3. Next you will see a form in which you should set all the values as per your requirements.

   a) Choose the backup interval from the list.

   b) Choose the type of backup, i.e. Database only, Files only or Both Files and Database.

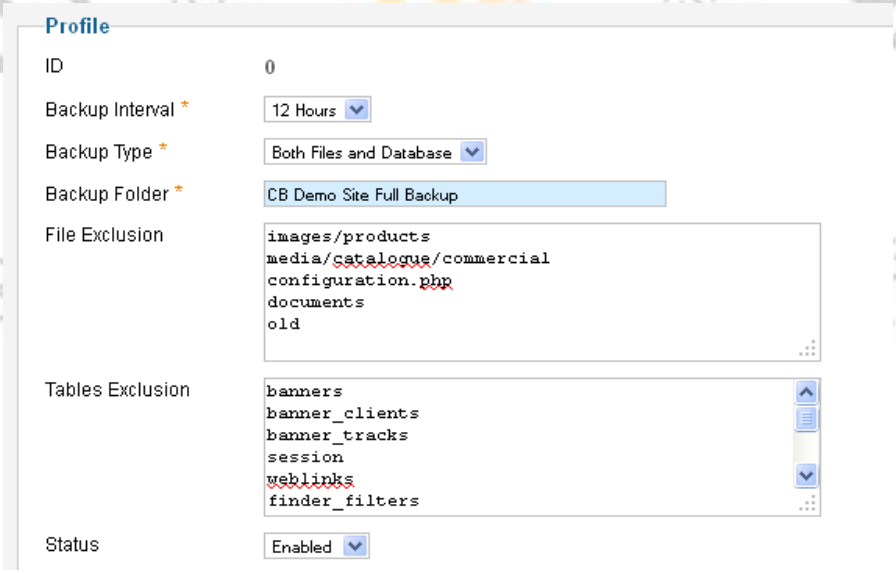
   c) Enter the name of destination folder on Cloud storage (*e.g.* ***Google Drive***)

   d) Files and folders that should be excluded from the backup done with this profile.

      Each files and folders specified here should be separated with a new line.

      The file and folder names should be all relative to your Joomla site root (*where the main* ***index.php*** is located). For example:

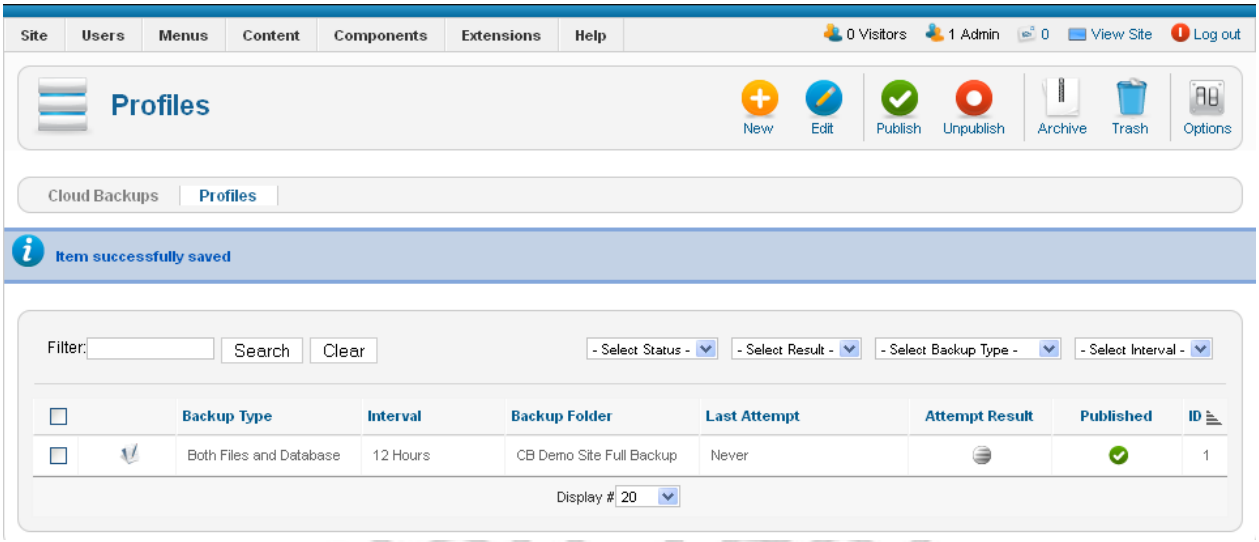
      ```
      images/products
      media/catalogue/commercial
      ```



4. After this click on **Save & Close** to save this profile.

5. Similarly you can create as many profiles as you wish. The backups will pick up one profile each time and perform a backup according to the set settings if the schedule time has arrived.

   You can always enable or disable any profile anytime and that will not be considered for the backups. So you never need to delete them if you ever plan to re enable it later.



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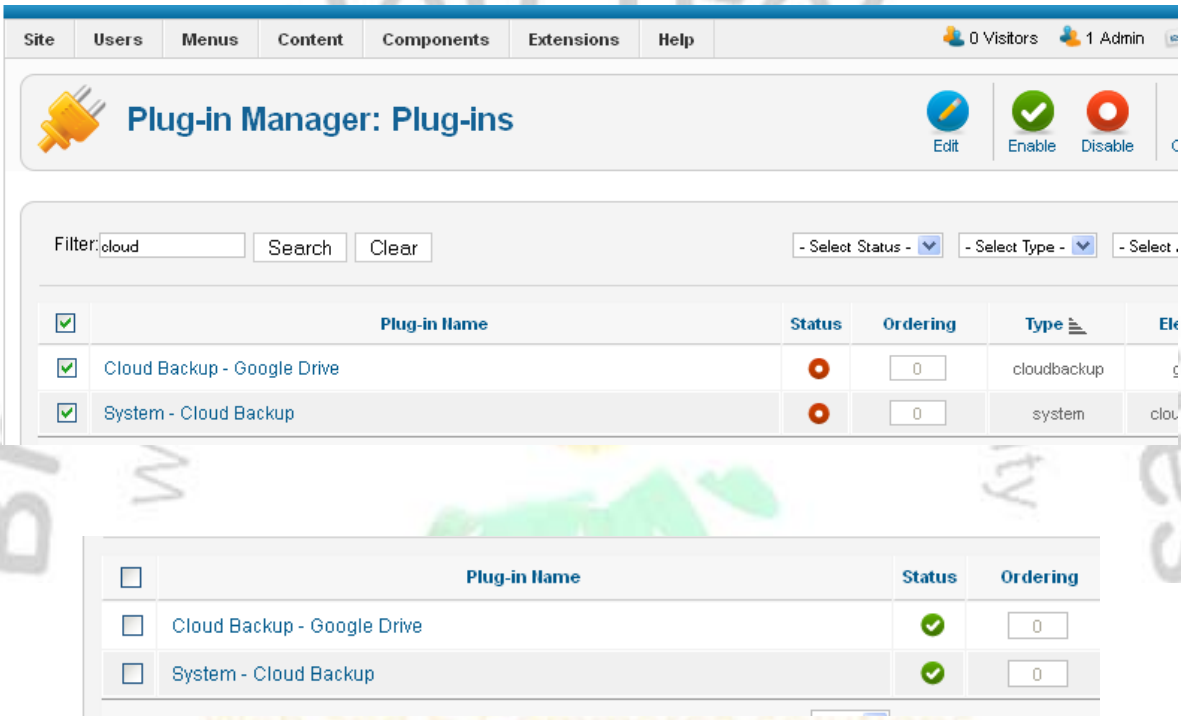
Enable Cloud Backup Plug-ins

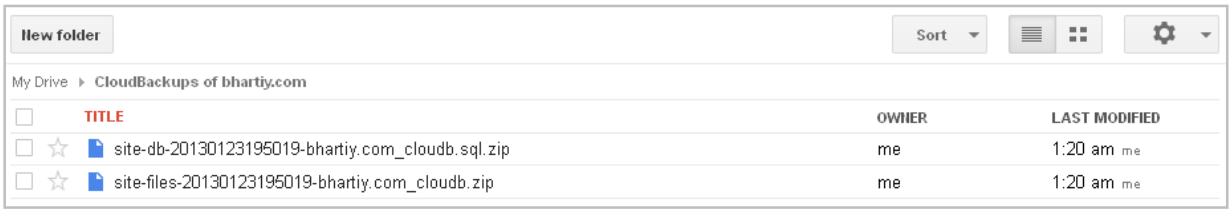
To perform a regular backup of your website you need to enable the Cloud Backup plug-ins, viz.

1) The Cloud Backup System plug-in (*plg_system_cloudbackup_v2.1_J2.5.zip*)
2) The Cloud Backup plug-in for Google Drive (*plg_cloudbackup_gdrive_v2.1_J2.5.zip*)

To do this, follow these steps:



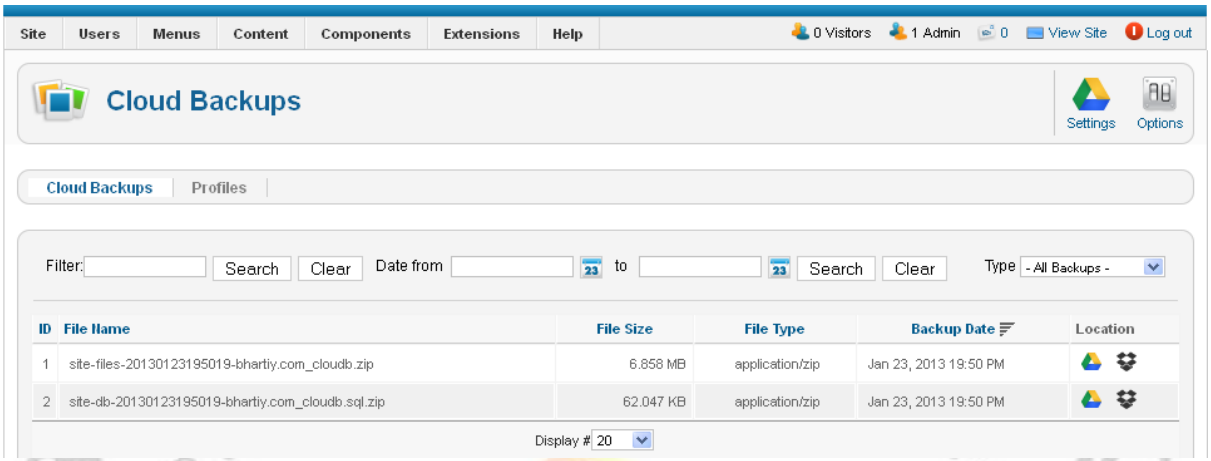
3. After this you have your Cloud Backup up and running. You can see the backup files (*once created*) on your Google Drive account.



Backup List View

In the last section we showed you that you can see the backup files on the Google Drive account. But you can also see your backup history in the Cloud Backup component interface.

1. Go to the Cloud Backup main component interface. There you will see all the details of the backup files created so far.



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That's all for the ultimate Cloud Backup solution for your precious Joomla website.