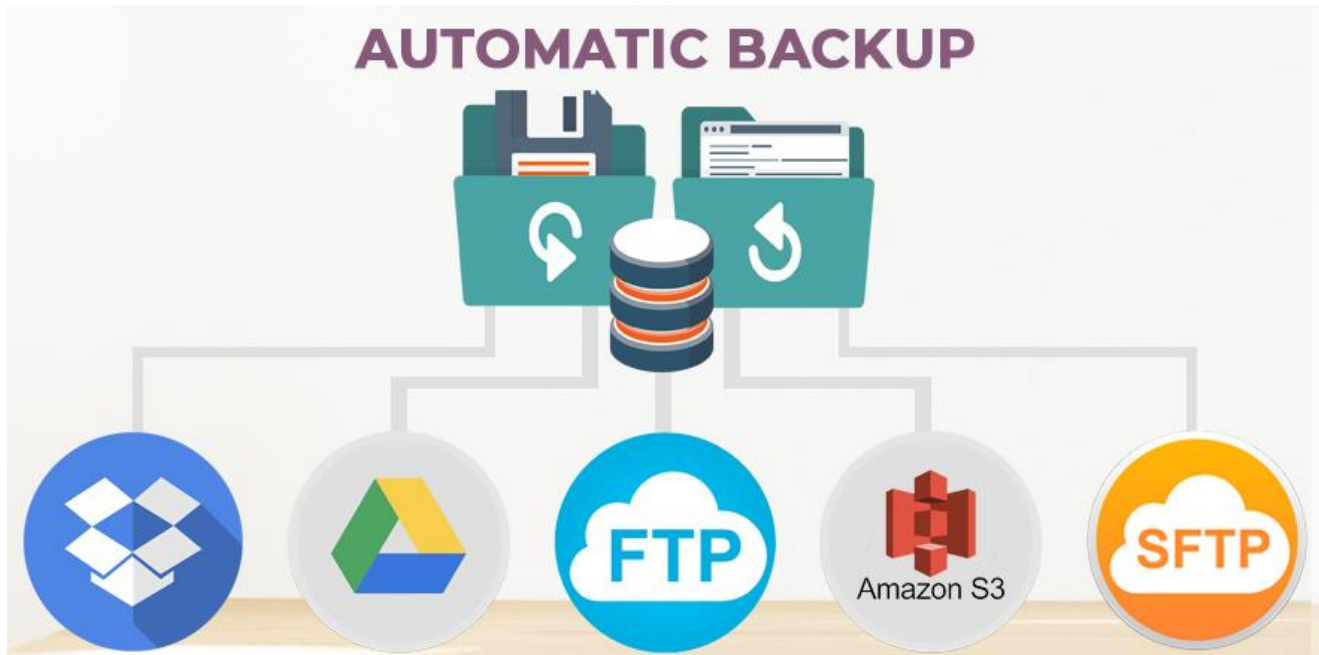


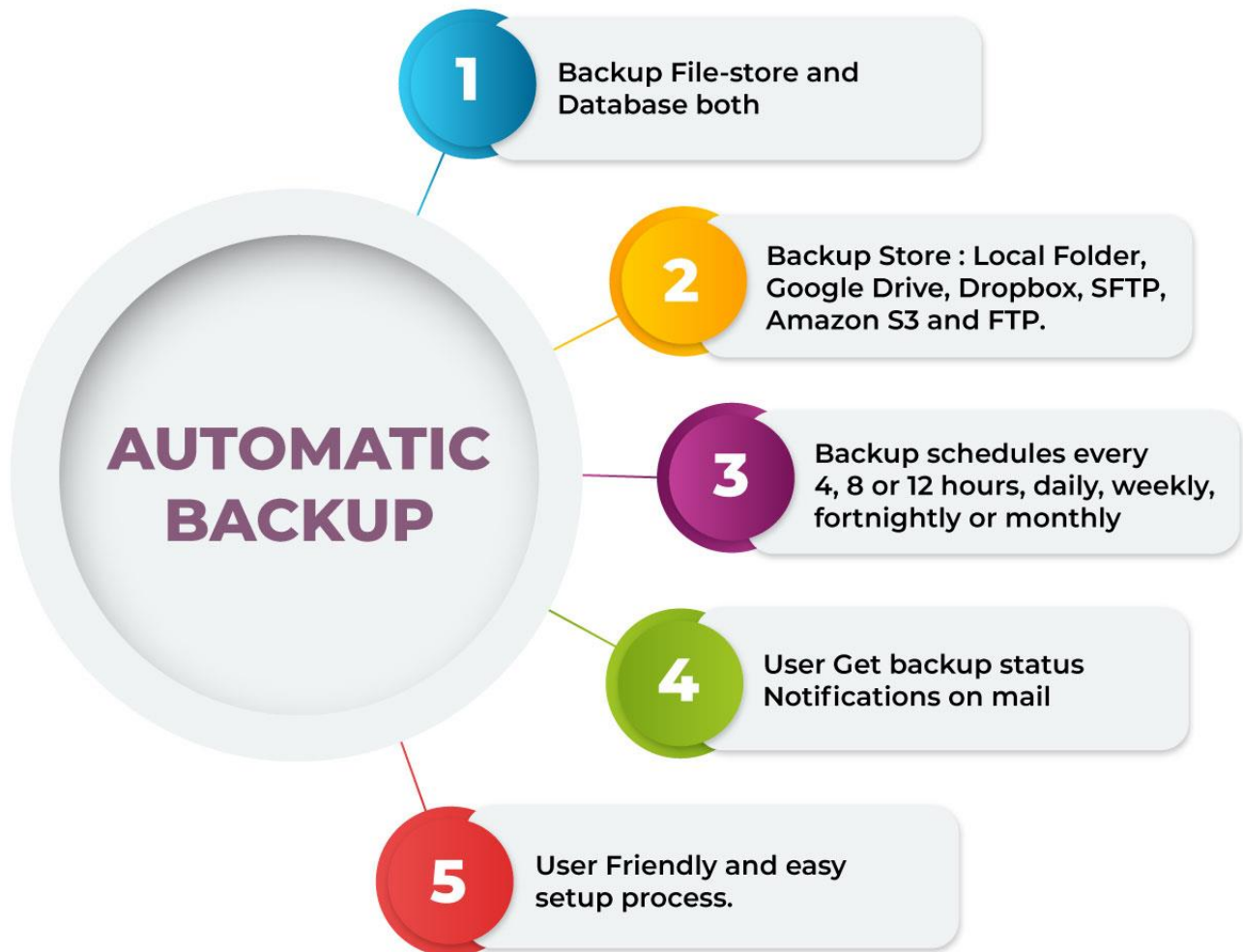
AUTOMATIC BACKUP

Develop by- Icon Technology.

Local Server, Google Drive, Dropbox, SFTP, Amazon S3 and FTP



Features



Index

1. Database Backup Configuration.....	5
2. Folder (Local).....	6
3. Google drive.....	8
4. Dropbox.....	10
5. FTP.....	13
6. SFTP.....	14
7. Amazon S3.....	15

External Dependency

first install some python dependency modules to work this module properly, for that use below commands:

- ❖ To install drop box use: **sudo pip install drop box**
- ❖ To install pysftp use: **sudo pip install pysftp**
- ❖ To install boto3 use: **sudo pip install boto3**

Database Backup Configuration

1. To set configuration for Auto Database Backups, Go to Settings > Technical > Auto DB Backups > Configure Auto DB Backups here you will get one record click on that, you will find here configuration form to set Auto DB backups for upload backups to Folder, Google Drive, Dropbox, FTP, SFTP, AWS s3 as shown in below

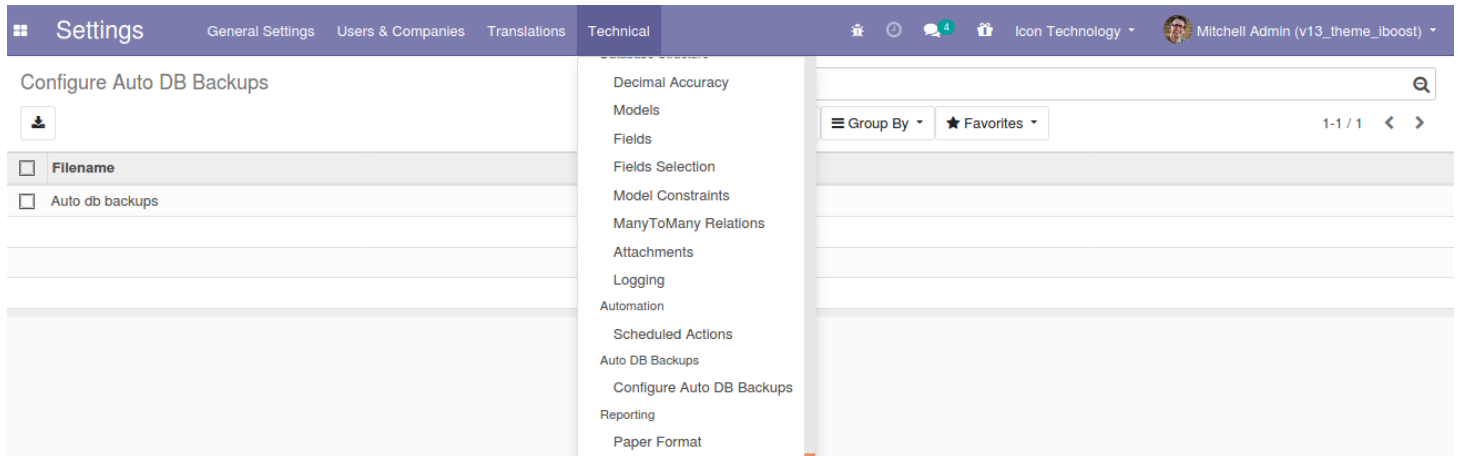


image:

Filename

Auto db backups

Successful Backup Notification Email

Auto. Remove Backups ☒

Failed Backup Notification Email

Remove after x days

Automatic Backup Rules

Active	Backup Type	Backup Destination	Next Execution Date	Backup
<input type="checkbox"/>	Zip	Folder	03/01/2021 18:59:00	Backup
<input type="checkbox"/>	Dump	Google Drive	03/01/2021 18:59:00	Backup
<input type="checkbox"/>	Zip	Dropbox	03/01/2021 18:59:00	Backup
<input type="checkbox"/>	Zip	FTP	03/01/2021 18:59:00	Backup
<input type="checkbox"/>	Zip	SFTP	03/01/2021 18:59:00	Backup
<input type="checkbox"/>	Zip	AWS S3	03/02/2021 18:59:00	Backup

You can use all or any one you wish to set for database backups destination, where you want to put DB backups from given five backup destination, backup to Folder or Google Drive or Dropbox or FTP or SFTP or Amazon S3 as per your choice by making active field True.

Folder (Local)

2. To set database backup to Folder (Local), click on edit then click on automatic backups rule where backup destination is Folder. You will have form to configure DB backup to Folder as below:

Open: Auto Database Backup Rules ✕

Backup

Backup Type
Backup Destination
Backup
Backup Directory

Active
Interval Number
Interval Unit
Next Execution Date

Zip

Folder

Database Only

/home/icon06/workspace1/Odoo14/my_ ⌵

Backups

☐

1

Days ⌵

11/27/2020 16:47:57 ⌵

Save

Discard

Fields to set:

Backup Type: Select which backup type you want to take for database it's as a zip (with file store) or .dump (only database).

Backup Destination: Folder

Backup: Select backup for what you want to take as a backup it's Database Only or Database and Files (database with modules folder).

Files Path: If you are taking backup with database and files then mention path of modules which you want to take backup for, along with database.

Backup Directory: Select path and set folder name in field beside this field in which db backup will be put.

Active: If you want to set your database backup destination to Folder than make active field checked. If you don't want to take DB backup to Folder than make it Active by making active field unchecked.

Interval Number: Set number of days/months/weeks/hours/minutes for which you want to take your database backup.

Interval Unit: Set unit for which you want to take your database backup every days/months/weeks/hours/minutes.

Next Execution date: If you want to set manually the date when to take DB backup to take next than you can set it here.

Button > Backup: You can take backup directly using this Backup button if you want to. After configure all fields click on save and again save main form.

Google Drive

3. To set database backup to Google Drive, click on edit than click on automatic backup's rule where backup destination is Google Drive. You will have form to configure DB backup to Google Drive as below:

Open: Auto Database Backup Rules ✕

Backup

Backup Type
Backup Destination
Backup
Get an authorization code and set it in the field below.
Authorization Code
Active
Interval Number
Interval Unit
Next Execution Date

Dump

Google Drive

Database Only

→ Get Authorization Code

4/5AFigYyGsM_yAQEpcg3bn3zKHh-odOFzXICYDX7TMU8wpKKxbn2

☒

1

Days

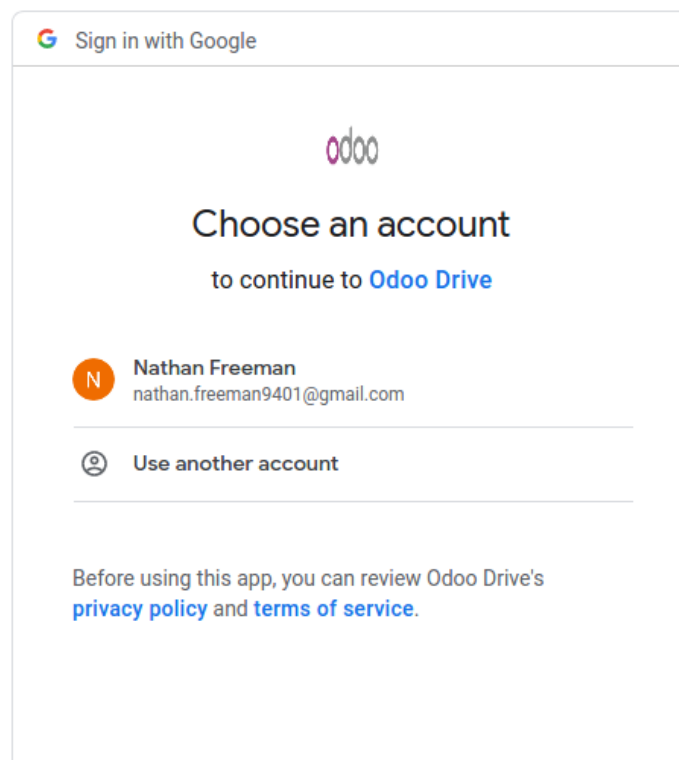
10/17/2020 12:08:58

Save

Discard

Fields to set:

Authorization Code: To get authorization code click on link Get Authorization Code as shown in above figure, after that you will redirect to another page as shown in below image:



Here you have to use Google account in which drive you want to take backup. After proceeding all steps you will get Authorization code, copy that and paste it to this field.

All other fields are same as described in point 2.

After configure all fields click on save and again save main form.

Dropbox

4. To set database backup to Dropbox, click on edit then click on automatic backup's rule where backup destination is Dropbox. You will have form to configure DB backup to Dropbox as below:

Open: Auto Database Backup Rules ✕

Backup

Backup Type

Backup Destination

Backup

Files Path

App key

App secret

Get an authorization code and set it in the field below.

Authorization Code

Active

Interval Number

Interval Unit

Next Execution Date

Zip

Dropbox

Database and Files

/opt/odoo13/custom

8awwku5iawquhom

.....

→ Get Authorization Code

11QZDP3EtFgAAAAAAAAAASaQjGv3Ci7OQRF-bD4mzNUQ

☒

1

Days

10/17/2020 12:08:58

Save

Discard

Fields to set:

First to set App key and App secret you need to create one app in your Dropbox so to do that, Step 1: Go to Dropbox developer portal > <https://www.dropbox.com/developers/apps>. You have page as shown in below image:



Documentation

Guides

Community & support

App console

My apps

Create app



Autobackupodoo

Status: Development

Permission type: Full Dropbox



test_doc


Status: Development

Permission type: Scoped App

1. Choose an API

☐

Scoped access New
Select the level of access your app needs to Dropbox data. [Learn more](#)



2. Choose the type of access you need

3. Name your app

[Create app](#)

Click on create app button on right top. You will have new page to create an app in drop box as below:

Step 2: Click on Choose an API.

Step 3: Than you get options for Choose the type of access you need > select Full Dropbox.

Step 3: Give Name for the app. Click on create app.

Now your App is created. And you will redirect to your created app page from there you can get App key and App secret as show in below image:

App key	<code>i1f174617fzo6i0</code>
App secret	Show

Set those values in field App Key and App Secret.

Authorization Code: To set this click on link [Get Authorization code](#), you will redirect to a new page if you are not logged in to drop box than sign in from there otherwise continue to get code. After all process done you will have Authorization code and use that code in you form.

All other fields are same as described in point 2.

After configure all fields click on save and again save main form.

FTP

5. To set database backup to FTP, click on edit than click on automatic backup's rule where backup destination is FTP. You will have form to configure DB backup to FTP as below:

Open: Auto Database Backup Rules

Backup

Backup Type

Zip

Backup Destination

FTP

Backup

Database and Files

Files Path

/opt/odoo13/custom

FTP Address

ftp.iconteam.tk

FTP Port

21

FTP Username

odoo@iconteam.tk

FTP Password

FTP Path

/

Test FTP Connection

Active

☒

Interval Number

1

Interval Unit

Days

Next Execution Date

10/17/2020 12:08:58

Save

Discard

Fields to Set:

FTP Address: Set the IP address from your remote server.

FTP Port: Set port on the FTP server.

FTP Username: Set the username where the FTP connection should be made with.

FTP Password: Set the password from the user where the FTP connection should be made with.

FTP Path: Set the path where you want to store DB backup in FTP.

After that once check for connection. To do that click on Test FTP Connection.

All other fields are same as described in point 2.

After configure all fields click on save and again save main form.

SFTP

6. To set database backup to SFTP, click on edit than click on automatic backup's rule where backup destination is SFTP. You will have form to configure DB backup to SFTP as below:

Open: Auto Database Backup Rules ✕

Backup

Backup Type
Backup Destination
Backup

SFTP Host
SFTP User
SFTP Key File Path(Use .pem File)
SFTP Path

Test SFTP Connection

Active
Interval Number
Interval Unit
Next Execution Date

Zip

SFTP

Database Only

167.172.153.143

root

Upload your file

/var/www/html/new

☐

1

Days

11/27/2020 16:47:57

Save

Discard

Fields to Set:

SFTP Host: Set the IP address from your remote server.

SFTP User: Set the username where the SFTP connection should be made with.

SFTP Key file path(use .pem file): To set key file path click on button upload your file and open that file from where it is after that the path for key file will be automatically set in that field.

SFTP Path: Give the path in remote server where you want to store DB backup.

After that once check for connection. To do that click on Test SFTP Connection.

All other fields are same as described in point 2.

After configure all fields click on save and again save main form.

Amazon S3

7. To set database backup to AWS S3, click on edit than click on automatic backup's rule where backup destination is AWS S3. You will have form to configure DB backup to AWS S3 as below:

The screenshot shows a web browser window with the title 'Open: Auto Database Backup Rules'. The browser's address bar shows 'gs'. The page has a dark header with a clock, a notification icon with '10', and a user profile icon. The main content area is a form with a 'Backup' tab selected. The form fields are as follows:

Field	Value
Backup Type	Zip
Backup Destination	AWS S3
Backup	Database and Files
Files Path	/opt/odoo/odoo/custom
App Key	
Secret Key	
Bucket Name	
Active	<input checked="" type="checkbox"/>
Interval Number	1
Interval Unit	Days

At the bottom of the form are two buttons: 'Save' and 'Discard'.

Fields to Set:

App Key: Set AWS s3 app key.

Secret Key: Set here AWS s3 secret key.

Bucket Name: Add bucket name in which you want to store database backup.

All other fields are same as described in point 2.

After configure all fields click on save and again save main form.

Email Notification Config

8. Set Successful Backup Notification Email if you want to get notification about Successful database backup in your mail. Set email in Successful Backup Notification field.

Set Failed Backup Notification if you want to get notification about failed database backup in your mail. Set email in Failed Backup Notification field.

If you want to auto remove DB backups from backup destinations (folder, Google drive, drop box, ftp, sftp, AWS s3), then checked the checkbox Auto. Remove Backups and fill the field Remove after x days, after how many days you want to delete your backup from Backup destinations (folder, Google drive, drop box, ftp, sftp, AWS s3).

All above fields you can set from below:

Filename

Auto db backups

Successful Backup Notification Email

Auto. Remove Backups

☒

Failed Backup Notification Email

Remove after x days

1

Automatic Backup Rules

Active	Backup Type	Backup Destination	Next Execution Date	
<input type="checkbox"/>	Zip	Folder	03/01/2021 18:59:00	Backup
<input type="checkbox"/>	Dump	Google Drive	03/01/2021 18:59:00	Backup
<input type="checkbox"/>	Zip	Dropbox	03/01/2021 18:59:00	Backup
<input type="checkbox"/>	Zip	FTP	03/01/2021 18:59:00	Backup
<input type="checkbox"/>	Zip	SFTP	03/01/2021 18:59:00	Backup
<input type="checkbox"/>	Zip	AWS S3	03/02/2021 18:59:00	Backup

Auto DB Backup Status

9. To check status for database backup is uploaded or not, go to Settings > Technical > Auto DB Backups > Auto DB Backups Status as shown in below image:

The screenshot shows the 'Auto DB Backups Status' page. The left sidebar contains a list of settings categories: General Settings, Users & Companies, Translations, and Technical. The 'Technical' category is selected, and a sub-menu is open showing options like ManyToMany Relations, Attachments, Logging, Automation, Scheduled Actions, Auto DB Backups, Configure Auto DB Backups, Auto DB Backups Status, Reporting, and Paper Format. The 'Auto DB Backups Status' option is highlighted. The main content area displays a table with the following data:

Date	Status
11/30/2020 15:17:28	Success
12/01/2020 12:03:15	Success
12/01/2020 12:03:48	Success