PAS (Plex Autoscan)  
<https://github.com/l3uddz/plex_autoscan>

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# Disclaimer

# This method is not supported as of now by PTS team so support in this regard won’t be given.

# You should know what you’re doing before proceeding any member from the PTS Team including me won’t be responsible for anything which happens to your server or data present on google drive.

# This guide is only for PTS members

# Manual Configuration is needed in order to make this work if you don't have a basic understanding of linux or command line please do not proceed.

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Configure Plex Auto Scan for Google Drive Monitoring

# What is Google Drive monitoring ?

**Plex Autoscan can monitor Google Drive for changes. It does this by utilizing a proactive cache (vs building a cache from start to end).**

**Once a change is detected, the file will be checked against the Plex database to make sure this is not already there. If this match comes back negative, a scan request for the parent folder is added into the process queue, and if that parent folder is already in the process queue, the duplicate request will be ignored.**

**You only need to setup PAS on one server regardless of the servers you have any changes in your drive would be monitored and made available in your Plex Library.**

# Things needed to be done/modified in order for PAS to work properly with google drive monitoring.

* Download [MobaXterm](https://mobaxterm.mobatek.net/download-home-edition.html) on your PC (This is Highly recommended) <https://mobaxterm.mobatek.net/download-home-edition.html>
* SSH into your Server using MobaXterm instead of Putty this way you’ll have SFTP access
* Do sudo ptsupdate and Follow Steps (1) and (3) from the [wiki](https://github.com/PTS-Team/PTS-Team/wiki/Plex-AutoScan-in-Docker-Container) <https://github.com/PTS-Team/PTS-Team/wiki/Plex-AutoScan-in-Docker-Container>
* After everything is deployed correctly head to   
  /opt/appdata/plexautoscan/config/
* Within this folder you’ll find a file named ***config.json*** open the file don't worry if you mess the file up you can always redeploy Plex Auto Scan from PTS Menu.
* Open ***config.json*** and copy the contents to a Json Validator <https://jsonlint.com/> this is a precautionary step incase you miss a comma or bracket while editing the file.

# Following Changes to ***config.json*** are required in order for Google Drive Monitoring to Work.

* A Link to my [config.json](https://pastebin.com/raw/J0VRyjt8) file is given <https://pastebin.com/raw/J0VRyjt8>
* Out of all the things which Are REDACTED you’ll need to put in The google CLIENT ID And SECRET (It’s suggested to make new OAUTH Client ID and Secret to be used with this) don’t edit the others they are put in by default for you when you deploy PAS from the PTS Menu
* 1080 TeamDrive is my Shared Drive’s Label so anywhere you find that change it with your Shared Drive’s Label instead (Label is not the directory within Shared Drive but it’s name)
* Do Not Edit anything in your config.json Except   
  ->**Put in your Client ID and Secret** (make new ones to be used with this)  
  ->**Enable Google Drive Monitoring**  
  "GOOGLE": {

"ENABLED": true, <This would be set to false by default>

->**Change File Paths**

if you’re using PTS defaults you’ll only need to remove/add any categories you might have or not have  
For Example my File Paths are as  
 "FILE\_PATHS": [

"1080 TeamDrive(SharedDriveLabel)/movies",

"1080 TeamDrive/tv",

"1080 TeamDrive/tv4k",

"1080 TeamDrive/movies4k"

],  
notice there is a comma after every file path before the last path  
->**Change Server Path mappings.**

Change Server Path Mappings to yours if you’re using PTS defaults you’ll need to remove/add any categories you might have or not have.  
My Server Path mappings are as follows  
"/mnt/unionfs/tv/": [

"/mnt/unionfs/tv/",

"1080 TeamDrive(SharedDriveLabel)/tv/"

],

"/mnt/unionfs/movies/": [

"/mnt/unionfs/movies/",

"1080 TeamDrive/movies/"

],

"/mnt/unionfs/tv4k/": [

"/mnt/unionfs/tv4k/",

"1080 TeamDrive/tv4k/"

],

"/mnt/unionfs/movies4k/": [

"/mnt/unionfs/movies4k/",

"1080 TeamDrive/movies4k/"

]

Notice the Commas after the bracket ] for every path mapped before the final path.

->**Enable TeamDrive Monitoring**"TEAMDRIVE": true, <this will be set to false by default>

"TEAMDRIVES": [

"1080 TeamDrive" <Name of SharedDrive here>

],

* After all the needed modifications are made click on ***validate Json*** and see that there aren’t any syntax errors if there are find out where have you goofed up and correct it.
* Once it says Valid Json select all using CTRL+A and Copy Using CTRL+C than open the config.json file which is located inside /opt/appdata/plexautoscan/config/ select it using CTRL+A and paste in the modified version using CTRL+V click on save.
* Login to ***Portainer*** head to containers click on ***plexautoscan*** container and restart it.
* Now that the Config is done you’ll need to get the ***Authorize*** token from google to get the authorize token use the following command  
  sudo docker exec -it plexautoscan /usr/bin/python /opt/plex\_autoscan/scan.py authorize
* Copy the Link generated and paste it on your Browser you’ll get an access token like you do for mounting your Drive copy and paste it into the terminal and press enter.
* ***Restart*** Plexautoscan service from Portainer and you're good to go.
* If the content isn’t showing up on plex see the logs for any errors