From mohamed gamal

**Enter Linux Terminal**

ssh PMO@10.10.11.242

PMO@1234

Mysql

My sql workbench

User : gamal

Password :

db:RME\_DH

user:gamal

pass:password123Y$

Newly created mysql user

Omar2

Omar\_54321

Linux

pip install --trusted-host=pypi.org --trusted-host=files.pythonhosted.org openssh-key

Download PuTTY

Things to know

Ls to list directory

Cat to red text file

Nano later

**1- upload script:**

                                 pscp -pw PMO@1234 D:\test.csv PMO@10.10.11.242:/home/PMO/airflow/dags

**2-  Download script:**

                                 pscp -r -pw PMO@1234  PMO@10.10.11.242:/home/PMO/airflow/dags D:

**3-Remove file:**

  sudo rm -r \_\_pycache\_\_

RME-SERVER IP :10.10.11.242

user: PMO

PASS:PMO@1234

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Airflow

<http://10.10.11.242:8080/home>

User: mohamedgamal

Password: gamal123

Newly added user

Omar2

Omar\_54321

<https://crontab.guru/>

**Make spark run again**

http://10.10.11.242:8081/

cd /opt/spark/sbin

sudo bash start-master.sh -i 10.10.11.242 --webui-port 8080

sudo bash start-worker.sh  spark://10.10.11.242:7077

Sudo jps

**Make airflow restart**

**Generate the key: Run the following command:**

**PowerShell/cmd**

ssh-keygen -t ed25519

**Copy the public key output:**

* Run the following command in PowerShell to display the contents of your public key file:

PowerShell

cat $env:USERPROFILE\.ssh\id\_ed25519.pub

**Add api option to cfg file**

[api]

enable\_experimental\_api = True

auth\_backend = airflow.api.auth.backend.basic\_auth

**Test airflow api**

curl -Method GET http://10.10.11.242:8080/api/v1/dags -Credential (New-Object System.Management.Automation.PSCredential ("omar2", (ConvertTo-SecureString "Omar\_54321" -AsPlainText -Force)))

**Kill process**

Bash

ps aux | grep "airflow webserver"

This command will list any processes related to the Airflow webserver. Note down the process ID (PID).

Stop the existing process:

Bash

kill -9 <PID>

cd airflow

source venv/bin/activate

airflow webserver

**Make airflow start again**

cd airflow

source venv/bin/activate

airflow db init

airflow webserver -D

airflow scheduler -D

(pointless)

cd /run

sudo mkdir airflow

sudo chmod 777 airflow

**to see running on linux server**

Htop

------------running airflow on docker

https://youtu.be/aTaytcxy2Ck?feature=shared

---------apachespark installation

https://youtu.be/GxJTxz1EQwY?feature=shared

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https://github.com/mohamedmeqlad99/airflow\_customers\_data\_pipeline/blob/main/README.md

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airflow-installing

https://chatgpt.com/share/67026bc8-336c-8007-bbb9-464f369cc58a

https://chatgpt.com/share/670298a3-dca4-8007-9773-b8a4b844e4fd

airflow users create --username airflow --password airflow --firstname mohamed --lastname ammar --role Admin --email mohamed.ammar@gmail.com

: ------------airflow run-------------

https://chatgpt.com/share/670f923a-5150-8007-bee8-c98b2195e514  -- dags issue

https://chatgpt.com/share/670f9262-bc18-8007-b43c-0fc7ab7ba16e  -- mysql ip connect

-------------------------------python 3.10

https://chatgpt.com/share/670e1b91-9df0-8007-9832-eb146ff3941b

python3.10 -m pip --version

pip 24.2 from /home/gamal/.local/lib/python3.10/site-packages/pip (python 3.10)

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**Give access to folder on linux directory**

sudo chown gamal GlobalProtect

**ubuntu version**

lsb\_release -a

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Option 1: Bypass SSL Verification for Pip

You can instruct pip to skip SSL verification using the --trusted-host option.

Use the --trusted-host option when installing packages:

pip install apache-airflow --trusted-host pypi.org --trusted-host files.pythonhosted.org

or

pip install apache-airflow-providers-mysql --no-cache-dir --trusted-host pypi.org --trusted-host files.pythonhosted.org

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#**to know storage of mysql database**

df -h /var/lib/mysql

**Show all directories on linux**

ls -a

**Enter mysql from linux terminal**

mysql -u omar2 -p

Enter password:

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**###connect to oracleDB**

https://chatgpt.com/share/67277cef-9264-8007-9c8b-5115314901b4

cd ~/Downloads/oracle/instantclient\_21\_16

export LD\_LIBRARY\_PATH=~/Downloads/oracle/instantclient\_21\_16$:$LD\_LIBRARY\_PATH

export PATH=~/Downloads/oracle/instantclient\_21\_16:$PATH

sqlplus RMEDWH/DWHRME@'//10.0.11.59:1521/RMEDB'

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Set up Airflow Email Notifications

<https://chatgpt.com/share/67445981-0518-8007-937d-422cc1b02d97>

<https://crontab.guru/>

Spart ports

10.10.11.242 :

Ports

8081 ui

8080 airflow

7077 master