A picture containing indoor, wall, toilet

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Installation Guide

Easy TimePro / easyWDMS Linux Installation

Date: Mar 2024

Version: 10.0.0 and above

English

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# Introduction

This document introduces the steps to be followed for easy TimePro/easyWDMS Linux installation.

# Supported Software/Database

* Centos 7, Ubuntu, Fedora, Debian(10 and above) and MAC
* Postgresql, MySQL, and Oracle

# Installation Steps

MAC

1. Download and Install the docker based on the Chip-set.

# <https://www.docker.com/>

1. Run “sudo su” in the terminal first. It will let you to enter the root user’s password.
2. After entering the password, continue to the next step in the terminal.
3. Extract zip file by using the following command:

# unzip easytimepro-linux-10.0.0.zip

1. Open the directory and Run the following command.

# docker-compose build

1. After build finished.

# docker-compose up -d

LINUX

1. Run “sudo su” in the terminal first and then enter the root user’s password. After entering the password, continue to the next step.

* Extract tar.gz Files by using this command:
* # tar -xzvf easytimepro-linux-10.0.0.tar.gz

For zip package

# unzip easytimepro-linux-10.0.0.zip

1. Go to the directory where the setup.sh file is located.

Example:

# chmod 777 setup.sh

# bash setup.sh install

If # bash setup.sh install is not working and if it returns error, please try in the terminal.

# docker-compose up -d --build

# Command List

|  |  |
| --- | --- |
| **Command List** | **Description** |
| # docker-compose ps | Check if the service is working or not, by using this command.  If the status shows “UP”, it means the service status is working, otherwise,please check the logs for each service |
| # docker-compose down | Stop all the services of easy TimePro with Linux package |
| # docker-compose up -d | Restart the service by using this command |
| # docker-compose start | Start the software command |
| # docker-compose stop | Stop the software command |
| #docker-compose restart | Restart software command |
| # docker-compose logs service\_name | Check the logs for each service by using this command |

service\_name: beat/worker/web/redis/nginx

**Example:** # docker-compose logs web.

* When you enter this, all the logs will be printed in the terminal.
* If the number of logs is less, this method works well.
* But the number of logs is more, then it is hard to check.

So, we can save all the service logs to one file, and check the logs in the same file. To do so, perform the following command:

# docker-compose logs service\_name > log\_name.txt

Example: # docker-compose logs web > web\_logs.txt

The command will save all the logs to log\_name.txt file, then you can open this file and check the error logs and start to debug.

# Configuration of MySQL Database

* Edit the ‘attsite.ini’ file.
* In the [DATABASE] column, fill in the configuration details of the MySQL database.

Example:

[DATABASE]

# database configure

# supported engine type: mysql/oracle/postgresql

ENGINE=mysql

NAME=easytime\_linux

USER=root

PASSWORD=my\_secrete\_password

PORT=3306

HOST=192.168.10.1

**Note:** Ensure that this configuration can be successfully connected to MySQL externally after testing.

The user can check the db connection, by using the command

#docker-compose exec web bash

Example:

"""

[root@localhost EasyTimePro]# docker-compose exec web bash

root@0d261ca84e24:/app# python ConnDb.py

mac=0242ac150005

mysql connection is successful

root@0d261ca84e24:/app# exit

exit

"""

# Configuration of Oracle Database

1. To support the Oracle database, we must install the Oracle Client driver initially.

1) Open the Docker file('compose\production\web\Dockerfile).

2) Uncomment the oracle client installation code.

2. When connecting to oracle, you use the SID or Service Name. When you use the Service Name, you must add the SERVICE\_NAME\_

Example: Service Name =orcl in attsite.ini

NAME=SERVICE\_NAME\_orcl

# How to change the port

The software default port is 80. If you want to change to other port, please follow the below steps:

Example:

If you want change to port "8090";

1. Open ‘.env’ file
2. The file path is ‘easytimepro-linux-9.0.7/.env’
3. Then, change the port to web\_port=“new port”

**Example:**

web\_port=8090

1. Run this command again:

docker-compose down(if installed)

# bash setup.sh install

<Done>

Open the link in browser：http://127.0.0.1:new port and then check.

**Note:**

* When you install the software for the first time, wait for one minute after installation.
* Please do not change anything in .yml file.
* Make sure internet is working

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