

TIC4304 Project Shadow Daemon

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View the markdown version for better formatting at:

<https://github.com/keyule/3001-Task4/blob/master/Report/report.md>

Setting up Shadowd

1. Installing Docker

```
curl -fsSL https://get.docker.com -o get-docker.sh
sudo sh get-docker.sh
sudo apt install docker-compose
```

2. Installing shadowd

```
git clone https://github.com/zecure/shadowdctl.git
cd shadowdctl
sudo ./shadowdctl up -d
sudo ./shadowdctl exec web ./app/console swd:register --admin --name=test
```

3. Shadowd should be up now and when we navigate to 127.0.0.1:8080 we can see the login page for shadowd

```
Task 4 >docker-compose exec kafka-1 kafka-topics --describe --topic test-topic --bootstrap-server kafka-1:9092
Topic: test-topic      TopicId: wIzddWTHtG6DCjzb3S28uA PartitionCount: 1      ReplicationFactor: 3      Configs:
      Topic: test-topic      Partition: 0      Leader: 2      Replicas: 2,1,3 Isr: 2,1,3
Task 4 >|
```

4. Login and create new Profile with Server ip: *

Setting up Apache webserver

1. Install Apache

```
sudo apt install apache2 php libapache2-mod-php
```

2. Download php connector

```
wget https://shadowd.zecure.org/files/shadowd_php-2.2.0.tar.gz
tar -xvf shadowd_php-2.2.0.tar.gz
sudo mkdir /usr/share/shadowd
```

```
sudo mv shadowd_php-2.2.0 /usr/share/shadowd/php  
sudo chown -R root:root /usr/share/shadowd/php
```

3. Add auto prepend

- File: `/etc/apache2/sites-available/000-default.conf`
- Just add the following line anywhere in the file

```
php_value auto_prepend_file /usr/share/shadowd/php/shadowd.php
```