

# Semaphore UI (Ansible)

Achtung, Runners nur in PRO Version (50€ mtl.)

<https://semaphoreui.com/install/docker/2.16/>

## community-edition

```
services:
  semaphore:
    restart: always
    ports:
      - 3000:3000
    image: semaphoreui/semaphore:v2.16.45
    environment:
      SEMAPHORE_DB_DIALECT: bolt
      SEMAPHORE_ADMIN: admin
      SEMAPHORE_ADMIN_PASSWORD: MEINPW123
      SEMAPHORE_ADMIN_NAME: admin
      SEMAPHORE_ADMIN_EMAIL: it@MEINEDOMAIN.de
      SEMAPHORE_SCHEDULE_TIMEZONE: Europe/Berlin
      SEMAPHORE_USE_REMOTE_RUNNER: "True"
      SEMAPHORE_RUNNER_REGISTRATION_TOKEN: "D3o/h.....QAdqU="

  volumes:
    - cfg:/etc/semaphore
    - tmp:/tmp/semaphore
    - data:/var/lib/semaphore

runner01:
  image: semaphoreui/runner:v2.16.45
  environment:
    - SEMAPHORE_RUNNER_PRIVATE_KEY_FILE=/var/lib/semaphore/config.runner.key
    - SEMAPHORE_RUNNER_REGISTRATION_TOKEN=D3o/hQ.....VdqU=
    - SEMAPHORE_RUNNER_TOKEN=12rew.....bqj8=
    - SEMAPHORE_WEB_ROOT=http://192.168.200.11:3000
```

```
volumes:  
  - cfg-run01:/var/lib/semaphore
```

```
volumes:  
  cfg:  
  tmp:  
  data:  
  cfg-run01:
```

## pro-edition (15€/monat)

Pro = mehrere Runner + Terraform + opentofu

Obacht: Beim umstellen von Free auf Pro muss der Browsercache gelöscht werden, damit unten links der Button 'activate Subscription' erscheint

```
services:  
  semaphore:  
    restart: always  
    ports:  
      - 3000:3000  
    #image: semaphoreui/semaphore:v2.16.45  
    image: public.ecr.aws/semaphore/pro/server:v2.16.43  
    environment:  
      SEMAPHORE_DB_DIALECT: bolt  
      SEMAPHORE_ADMIN: admin  
      SEMAPHORE_ADMIN_PASSWORD: MEINPW123  
      SEMAPHORE_ADMIN_NAME: admin  
      SEMAPHORE_ADMIN_EMAIL: it@MEINEDOMAIN.de  
      SEMAPHORE_SCHEDULE_TIMEZONE: Europe/Berlin  
      SEMAPHORE_USE_REMOTE_RUNNER: "True"  
      SEMAPHORE_RUNNER_REGISTRATION_TOKEN: "D3o/h.....QAdqU="
```

```
volumes:  
  - cfg:/etc/semaphore  
  - tmp:/tmp/semaphore  
  - data:/var/lib/semaphore
```

```

runner01:
  #image: semaphoreui/runner:v2.16.45
  image: public.ecr.aws/semaphore/pro/runner:v2.16.43
  environment:
    - SEMAPHORE_RUNNER_PRIVATE_KEY_FILE=/var/lib/semaphore/config.runner.key
    - SEMAPHORE_RUNNER_REGISTRATION_TOKEN=D3o/hQ.....VdqU=
    - SEMAPHORE_RUNNER_TOKEN=12rew.....bqj8=
    - SEMAPHORE_WEB_ROOT=http://192.168.200.11:3000
  volumes:
    - cfg-run01:/var/lib/semaphore
runner02:
  image: semaphoreui/runner:v2.16.7
  environment:
    - SEMAPHORE_RUNNER_PRIVATE_KEY_FILE=/var/lib/semaphore/config.runner.key
    - SEMAPHORE_RUNNER_REGISTRATION_TOKEN=D3o/hQ.....dqU=
    - SEMAPHORE_RUNNER_TOKEN=wM7.....6S8=
    - SEMAPHORE_WEB_ROOT=http://192.168.200.11:3000
  volumes:
    - cfg-run02:/var/lib/semaphore
volumes:
  cfg:
  tmp:
  data:
  cfg-run01:
  cfg-run02:

```

## Runner mit config.runner.key erzeugen

Beim Erzeugen eines neuen Runners über die Semaphore-UI muss der private-key in der Datei `/var/lib/semaphore/config.runner.key` gespeichert werden (kann mit root also vom Docker Host passieren)

## New Runner



Token:

Uqcn [REDACTED] 9+8=



Private Key

-----BEGIN RSA PRIVATE KEY-----

MIIEp [REDACTED]



## Variants of usage

**CONFIG FILE**

SETUP

ENV VARS

DOCKER

Config file content:

```
{
  "web_host": "https://semaphore [REDACTED] de",
  "runner": {
    "token": "Uqcn [REDACTED] 9+8=",
    "private_key_file": "/path/to/private/key"
  }
}
```



Launching the runner:

```
semaphore runner start --config /path/to/config/file
```

```
mini-01-hws /var/lib/docker/volumes/semaphore_cfg-run02/_data
```

```
└─ _data 1 config.runner.key
```

```
/var/lib/docker/volumes/semaphore_cfg-run02/_data/config.runner.key
-----BEGIN RSA PRIVATE KEY-----
MIIEowIBAAKCAQEAOiabJdnL4uUf6KB3eBoXzYoDdNI4DSK6wabahXWFVWIo46Nb
[REDACTED]
exS1Paq3cHXTR/0X+a4NwpTUaNWU9B08+U8Pd19lhh0Dw+QF+Kx0
-----END RSA PRIVATE KEY-----
```

wie oben in der docker-compose.yml der Pro-Variante angegeben muss der Pfad der Datei als env-var mitgegeben werden:

```
[...]
runner02:
  image: semaphoreui/runner:v2.16.7
  environment:
    - SEMAPHORE_RUNNER_PRIVATE_KEY_FILE=/var/lib/semaphore/config.runner.key
[...]
```

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