



```
version: '3.8'
```

```
services:
```

```
  gitlab:
```

```
    image: 'gitlab/gitlab-ce:18.6.1-ce.0'
```

```
    restart: always
```

```
    # Use the service name for internal hostname resolution
```

```
    hostname: 'gitlab'
```

```
    environment:
```

```
      GITLAB_OMNIBUS_CONFIG: |
```

```
        # Set the external URL here to match the host's port 80
```

```
        external_url 'http://localhost:80'
```

```
        gitlab_rails['initial_root_password'] = 'Qwerty_123' # Change this
```

```
        # Add other configurations here
```

```
  ports:
```

```
    # Map the container's port 80 to the host's port 80
```

```
    - '80:80'
```

```
    - '443:443'
```

```
    - '22:22'
```

```
  volumes:
```

```
    - './gitlab/config:/etc/gitlab'
```

```
    - './gitlab/logs:/var/log/gitlab'
```

```
    - './gitlab/data:/var/opt/gitlab'
```

```
networks:
  - gitlab-network
```

```
gitlab-runner:
  # should ideally match the major and minor version of your GitLab instance
  image: 'gitlab/gitlab-runner:v18.6.5'
  container_name: gitlab-runner
  restart: always
  depends_on:
    - gitlab
  volumes:
    - './gitlab-runner/config:/etc/gitlab-runner'
    - '/var/run/docker.sock:/var/run/docker.sock'
  # Uncomment and configure these for automatic registration:

  networks:
    - gitlab-network
```

```
networks:
  gitlab-network:
    driver: bridge
```

Note: gitlab and gitlab-runner container major vers should match;
Step 1: first installation!!! drop volumes, drop folders, drop containers;
Step 2: first installation!!! wait 15 mins;
Step 3: after REGISTRATION_TOKEN init, docker compose up starts 3 secs;
~~ToDo: try to replace port 80 with custom port 8007;~~
~~ToDo: try to use command section;~~

```
gitlab-runner register --non-interactive --url http://host.docker.internal
--token glrt-DNBj9R3wPTad3SwuMjd2AG86MQpwOjEKdDozCnU6MQ8.01.171ofz1q3
--executor "docker" --description "My Docker Runner" --docker-image
"alpine:latest" --clone-url "http://host.docker.internal"
```