

Sesión 3

varios

- spread brain?:
 - 3 nodos develop
 - 5 nodos producción

swarm

- `docker swarm init`
 - para crear un swarm con varios nodos, solo 1 ha de iniciarlo
- `docker swarm join-token {manager|worker}`
 - podemos añadirnos como manager o como workers al swarm creado
- `docker stack deploy -c stack-portainer.yml portainer`
- `docker stack ls : stacks`
- `docker stack services <stack> : nombre servicio`
- `docker service ps <servicio> :`

portainer

swarm-portainer.yml

```
version: '3.4'

services:
  portainer:
    image: portainer/portainer
    ports:
      - 9000:9000
    networks:
      - proxy
    volumes:
      - /var/run/docker.sock:/var/run/docker.sock
      - /srv/docker/portainer/data:/data
    deploy:
      mode: replicated
      replicas: 1
      labels:
        traefik.port: 9000
        traefik.frontend.rule: 'Host:portainer.midominio.com'
        traefik.docker.network: 'proxy'
      placement:
        constraints: [node.role == manager]
    networks:
      proxy:
        external: true
```

wordpress

swarm-wp+mysql.yml

```
version: '3.3'
services:
  db:
    image: mysql:5.7
    volumes:
      - /ruta/local/bbdd:/var/lib/mysql
    environment:
      MYSQL_ROOT_PASSWORD: somewordpress
      MYSQL_DATABASE: wordpress
      MYSQL_USER: wordpress
      MYSQL_PASSWORD: wordpress

  wordpress:
    image: wordpress:latest
    ports:
      - "8000:80"
    volumes:
      - /ruta/local/web:/var/www/html
    environment:
      WORDPRESS_DB_HOST: db:3306
      WORDPRESS_DB_USER: wordpress
      WORDPRESS_DB_PASSWORD: wordpress
      WORDPRESS_DB_NAME: wordpress
```

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