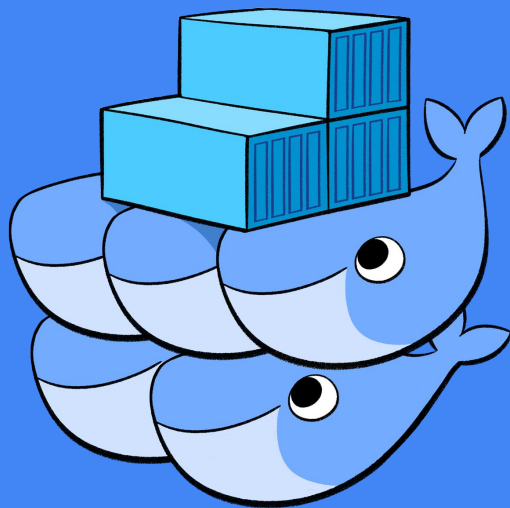


# Docker Swarm

Pour facilement distribuer  
vos containers.



# Cluster Docker ?



# Fonctionnalités



- Permet de gérer plusieurs serveurs Docker comme un seul.
- Permet de gérer beaucoup, beaucoup de nodes.
- Gère le scaling up & down.
- Gère plusieurs types de volumes.
- Permet de déploiement via un docker-compose.yml (new !!)
- Tout est chiffré ! (TLS)
- Labels, master & worker, logging...

Easy as 1,2,3 → *\$ docker swarm init*

```
1. fish /root (ssh)
x> ~ docker swarm init --advertise-addr 139.59.227.134 23:28:03
Swarm initialized: current node (kevi2gllqslqvyb6u3x7tubpn) is now a manager.

To add a worker to this swarm, run the following command:

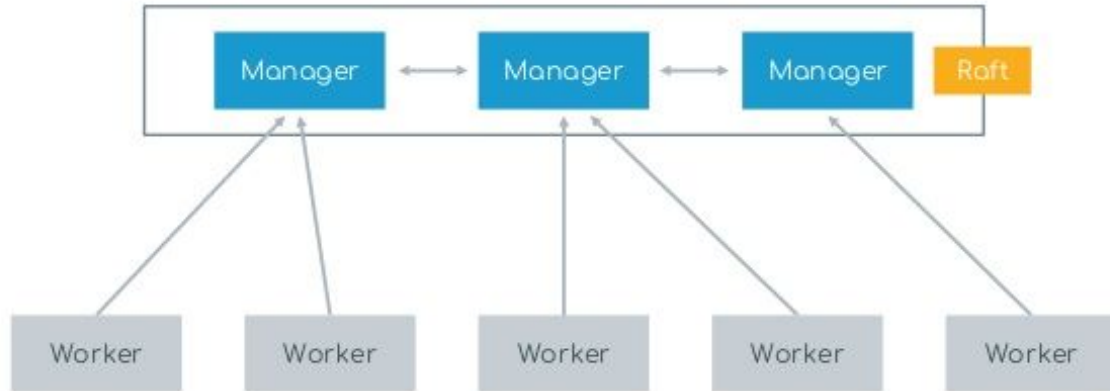
    docker swarm join \
    --token SWMTKN-1-5qku092py0ynmax7n0hbnlppld5yq9dy48elczpzdsb2fjzuad-d5qshux6ixdx5qyz6wkhm3lb
g \
    139.59.227.134:2377

To add a manager to this swarm, run 'docker swarm join-token manager' and follow the instruction
s.

x> ~ _ 23:28:05
```

# Topologie

## Swarm Topology

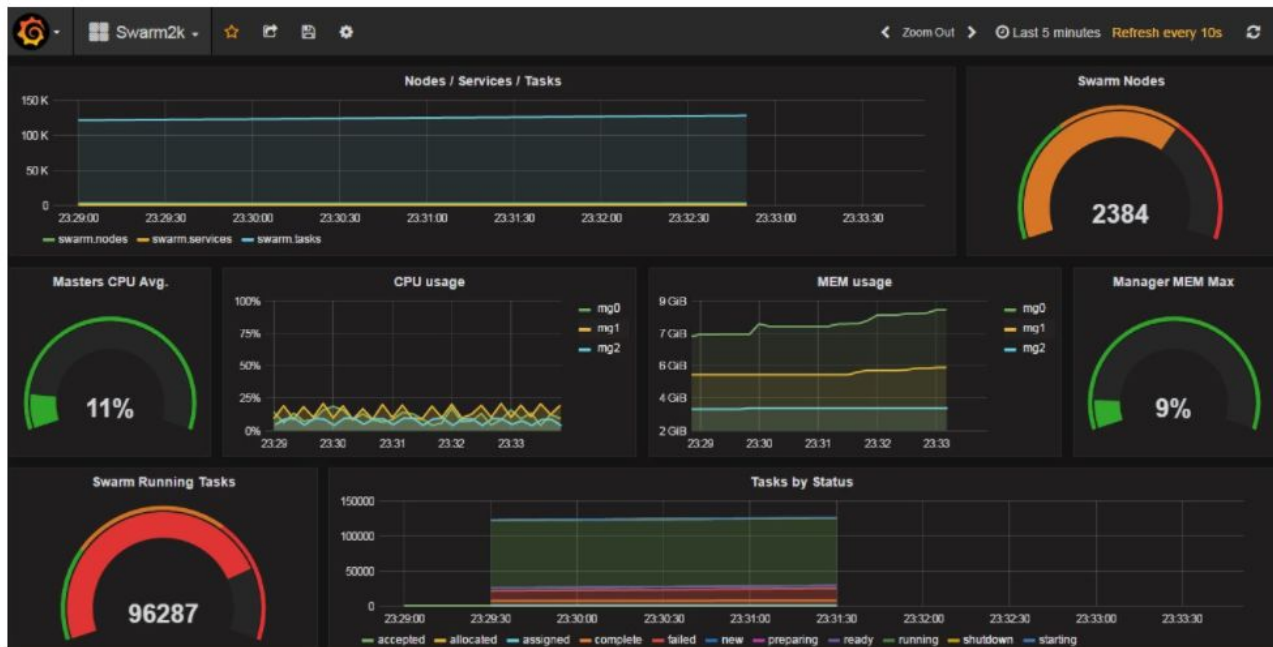


# Swarm 2K.

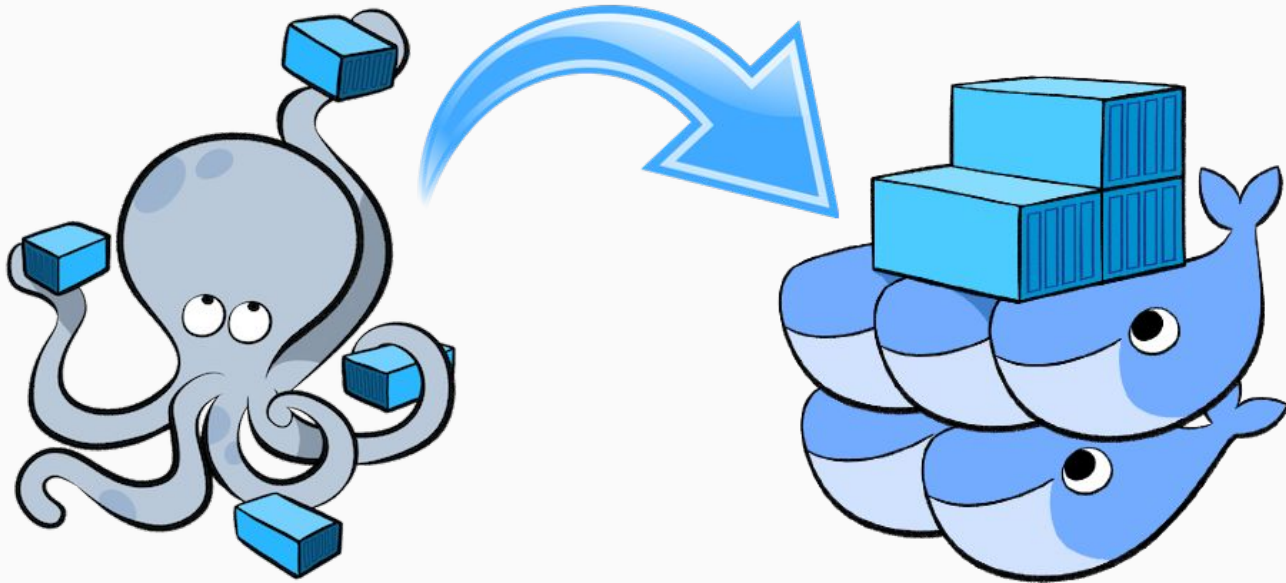


**Chanwit Kaewkasi**

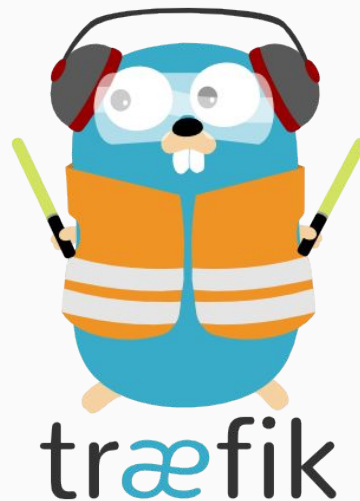
Docker Captain, Assistant Professor, Co-founder Aiyara Cluster Research Lab, Go nut since r59.



# Compose file → Swarm cluster



# Exposer nos services





# \$ docker secret

- `$ echo 21ac8406497dded57ceafb7767 | docker secret create my_secret -`
  - `$ docker service create --name my_app --secret my_secret nginx`
  - `$ docker exec -it my_app cat /run/secrets/my_secret`
- 21ac8406497dded57ceafb7767

