**Docker Swarm:**

**What is Docker Swarm:**

* A swarm is a group of machines that are running Docker and joined into a cluster
* A cluster is managed by swarm manager
* The machines in swarm can be Physical or Virtual

**Advantages:**

Let’s take an example

You have 100 containers,

🡪You need to do - Health check on every container

🡪 Ensure all containers are up running on every system

🡪Scaling the containers up or down depending on the load

🡪Adding updates/changes to all the containers

Orchestration - managing and controlling multiple Docker containers as a single service Tools available - Docker Swarm, Kubernetes, Apache Mesos

**Example:**











