6. Docker swarm: lets many cluster of a service run as a virtual system, lets us run replicas in different nodes.

Commands:

1. Docker swarm init - initiates a swarm as a manager: join token is also shown
2. Docker service create name (custom name), publish (port mapping), replicas (number of containers)

7.In order to update services image:

Command: docker service update image: what you need to change \ service name  
all replicas updates.

8.In order to scale/increase or decrease replicas:

Command: docker service scale service-name = number of replicas.

9. Update delay  
command: docker service create \ name \ publish \ replicas \ update-delay (in seconds)

Update it and notice the delay.

10. visualize:  
command: docker service create \

--name visualizer \

--publish 8082:8080 \

--constraint node.role==manager \

--mount type=bind,src=/var/run/docker.sock,dst=/var/run/docker.sock \

dockersamples/visualizer