Docker Swarm Tips

Once you start diving further into swarm you can see how it will benefit scaling, especially for large-scale production or deploying ML/DS models to scale. A great place to expand on Swarm would be at the following link: https://docs.docker.com/engine/swarm/swarm-tutorial/. But I also highly recommend taking a hands-on approach and trying to integrate a project that you are working on to Swarm. For that, please see the following core commands that will help manage working with Docker Swarm.

If you are looking to set up Swarm across different machines this is a great place to start: https://docs.docker.com/engine/swarm/swarm-tutorial/#set-up.

In addition, please note that to deploy a stack from a compose YML file you can use the following command: docker stack deploy -c docker-compose.yml stack_name.

10 Commands To Help With Docker Swarm

1. Initializing a swarm: `docker swarm init`
2. List swarm nodes: `docker node ls`
3. List stacks: docker `stack ls`
4. List stack services: `docker stack services stack_name`
5. List stack tasks: `docker stack ps stack_name`
6. List services: `docker service ls`
7. Inspect a service: `docker service inspect service_name`
8. Remove service: `docker service rm service_name`
9. Remove stack: `docker stack rm stack_name`
10. Remove network: `docker network rm network_name`

In addition you can download this file in PDF form in the resources of the lecture.

Enjoy Docker!

Jordan