Commands used for Azure DevOps

Git

1. **git clone <url>** ----------→ **Cloning the repo from git**
2. **git add .** ----------→ **adding to commit**
3. **git commit -m "comment"** ----------→ **commit to push**
4. **git push** ----------→ **Pushing to Git repo**
5. **git branch** ----------→ **Check the branch**
6. **git pull** ----------→ **pulling the update from git**

Terraform

7. **terraform init** ----------→ **Initialising the terraform**
8. **terraform plan** ----------→ **check the plan**
9. **terraform apply** ----------→ **deploying the configs**
1. **terraform apply -target="resourcename"** ----------→ **deploy specific component**
2. **terraform destroy** ----------→ **Deleting or removing**
3. **terraform destroy -auto-approve**----------→ **deleting with auto approval**
4. **terraform destroy -target=" resourcename"**----------→ **delete specific component**
5. **terraform console** ----------→ **check the console**

Docker

Installing docker in centos https://docs.docker.com/engine/install/centos/

1. **systemctl docker start** ----------→ **start the docker service**
2. **docker ps -a** ----------→ **list the docker containers**
3. **docker images** ----------→ **list the docker images**
4. docker rm -f contanerid ----------→ **remove the container**
5. docker rmi -f imageid ----------→ **remove the image**
6. docker pull dockerimage ----------→ **pulling a image**
7. docker run -d imagename ----------→ **running a image**
8. docker start -a containerID ----------→ **start a container**
9. docker stop -a containerID ----------→ **stop a container**
10. docker container prune ----------→ **remove all not-used cont**
11. docker logs containerID ----------→ **check the log**
12. docker kill containerID ----------→ **kill the container**
13. docker login ----------→**login to docker**
14. docker commit imageid ----------→ **commit the image**
15. docker tag imageid dockerid/name:versionname---------- → **tag a image**
16. docker push dockerid/name:versionname ----------→ **pushing a image**

How to build a sample image (example)

Mkdir static-app
cd static_app/
vi index.html

<P> Page under construction </P>

vi Dockerfile

FROM nginx:alpine
COPY . /usr/share/nginx/html/angular

docker build -t static-app:v1 .

docker run -it -d --name app-container -p 80:80 static-app:v1

How to push to docker Hub

After building the image

1. Login to docker hub by “docker login”
2. Tag the image “docker tag imageid dockerid/name:versionname”
3. Push the image “docker push dockerid/name:versionname”

How to login to the container

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docker exec -it containerid /bin/bash or docker exec -it containerid sh

Kubernetes:

Will update soon and send you