



Google Cloud

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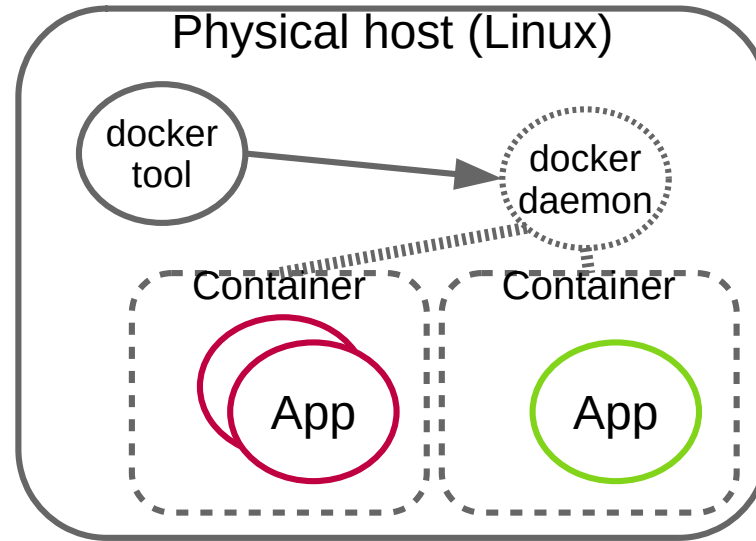


Basic setup

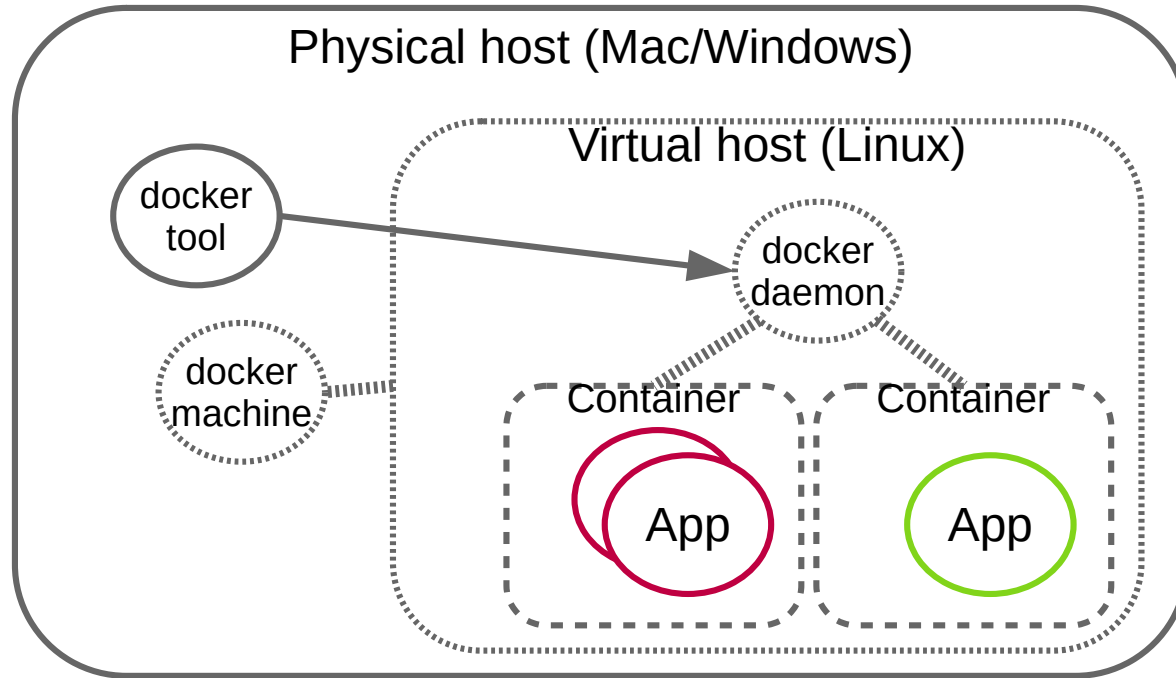


- Create a project in the cloud console
- Add more members to project in “IAM&Admin”>“IAM”
- Locally install the Google Cloud SDK from <https://cloud.google.com/sdk/install> and:
 - \$ gcloud auth login
 - \$ gcloud auth application-default login
 - \$ gcloud config set project *projectname*
- Test by starting an instance and using:
 - \$ gcloud compute ssh *instancename*

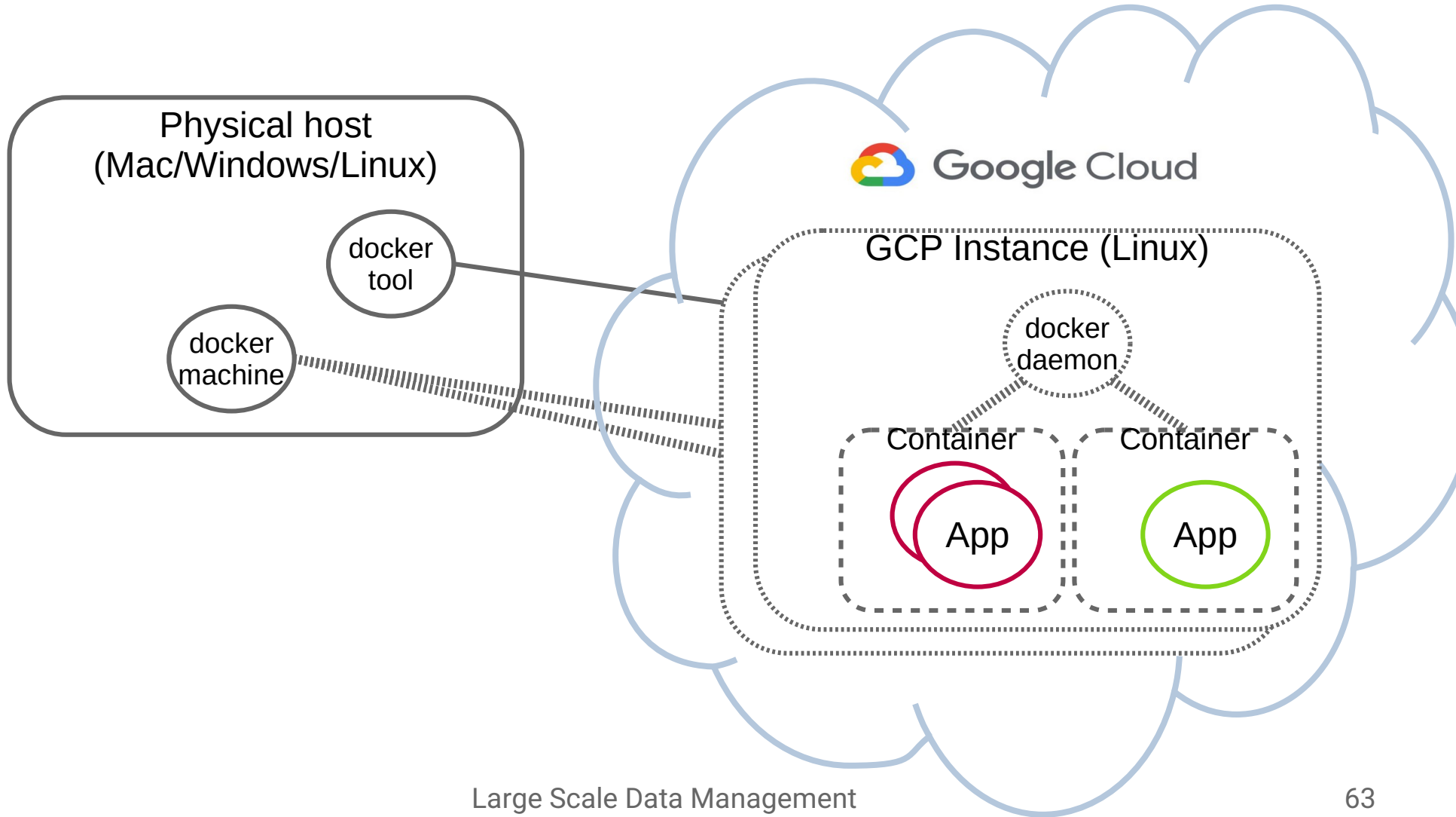
Docker in Linux



Docker in Mac/Windows



Docker on GCP



Docker Machine

- Linux: Need to install docker-machine
- Mac/Windows: docker-machine is included in Docker Toolbox, not in Docker Desktop
- If needed, install from:

<https://docs.docker.com/machine/install-machine/>



Docker Machine on GCP

- Start a docker machine with:

```
$ docker-machine create  
  --driver google --google-project projectname  
  --google-zone eu-west-1-b  
  --google-machine-type n1-standard-4  
  --google-disk-size=100  
  envname
```

```
$ docker-machine env envname
```

- More info at: <https://docs.docker.com/machine/drivers/gce/>

Docker Machine on GCP

- Stop instance with:
\$ docker-machine stop *envname*
restart with:
\$ docker-machine start *envname*
- Remove instance with:
\$ docker-machine rm *envname*
- **Don't forget to stop/remove the GCP instance!!!**

