

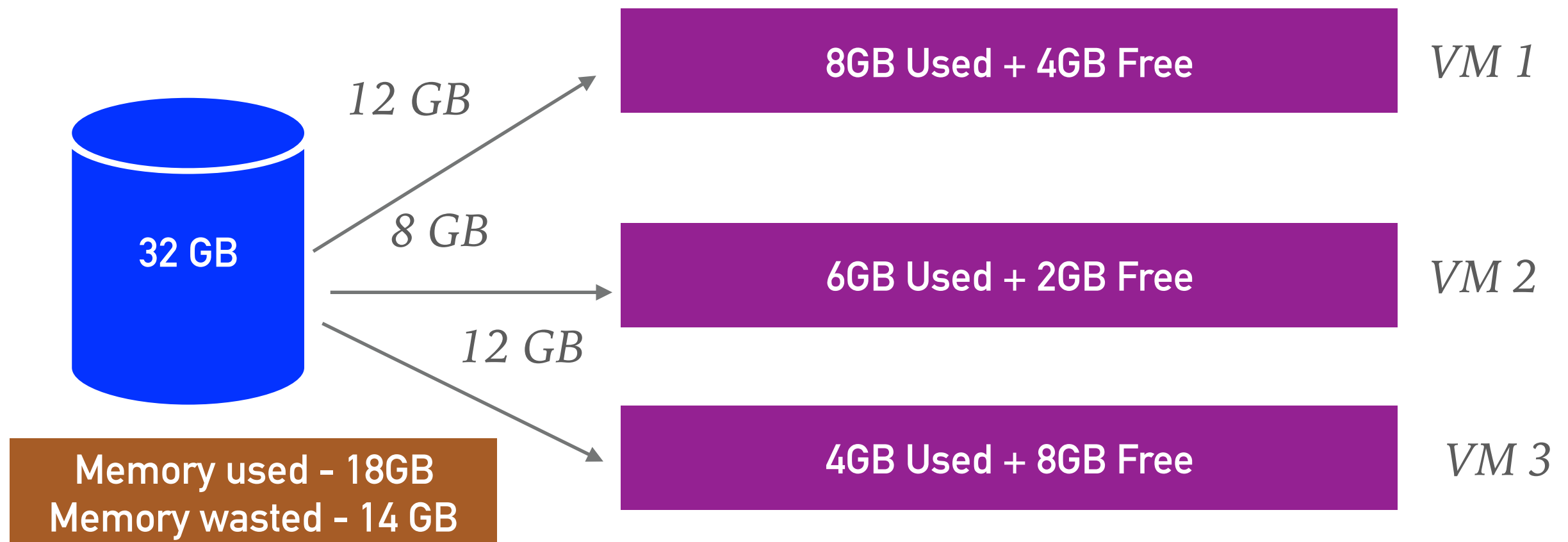
Google Cloud Certifications



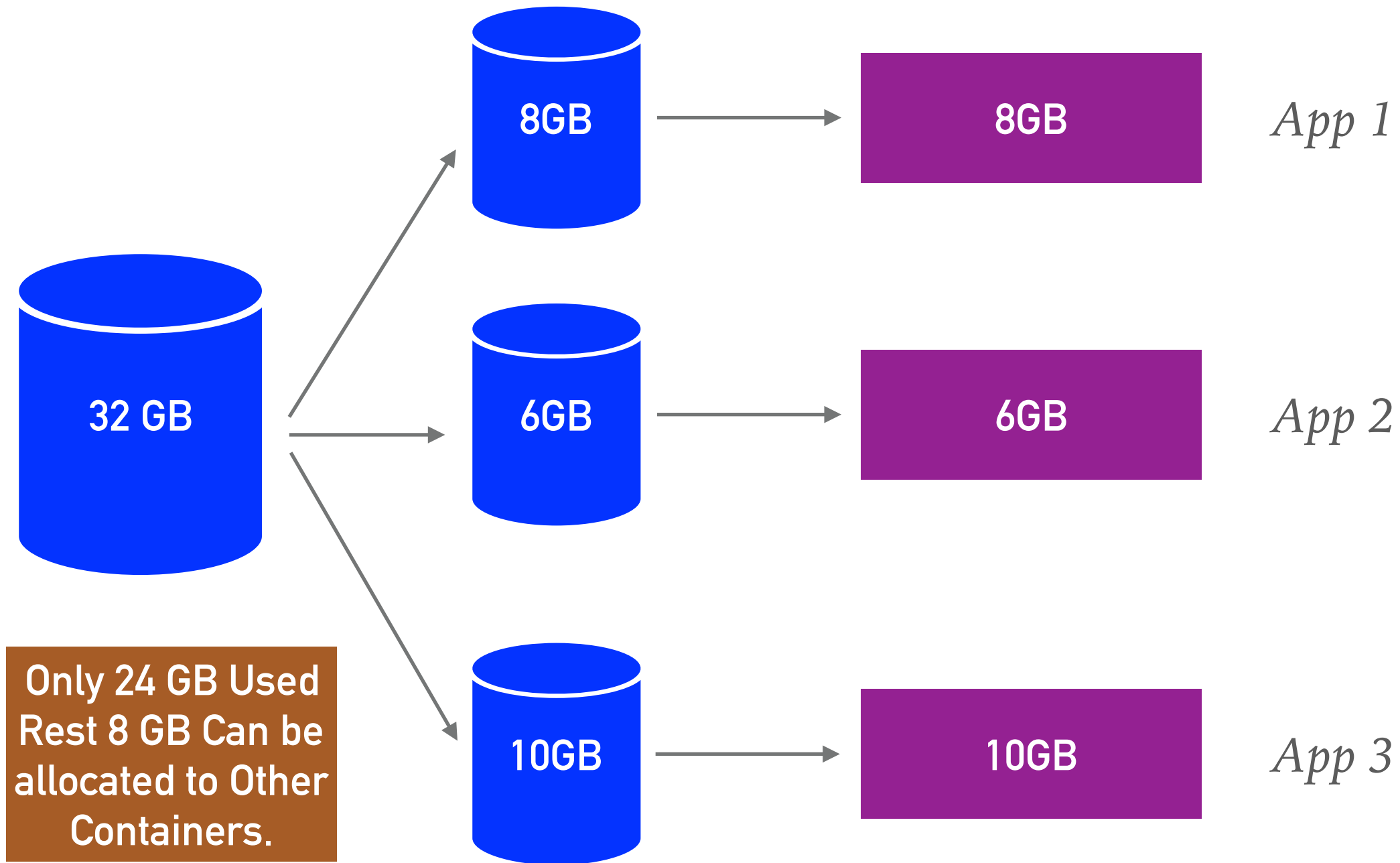
Google Cloud Platform: Container & GKE

Google Cloud Platform : Cloud Training

- **Containers** - A container is a standard unit of software that packages up code and all its dependencies so the application runs quickly and reliably from one computing environment to another.
- Example of Containers & benefits.

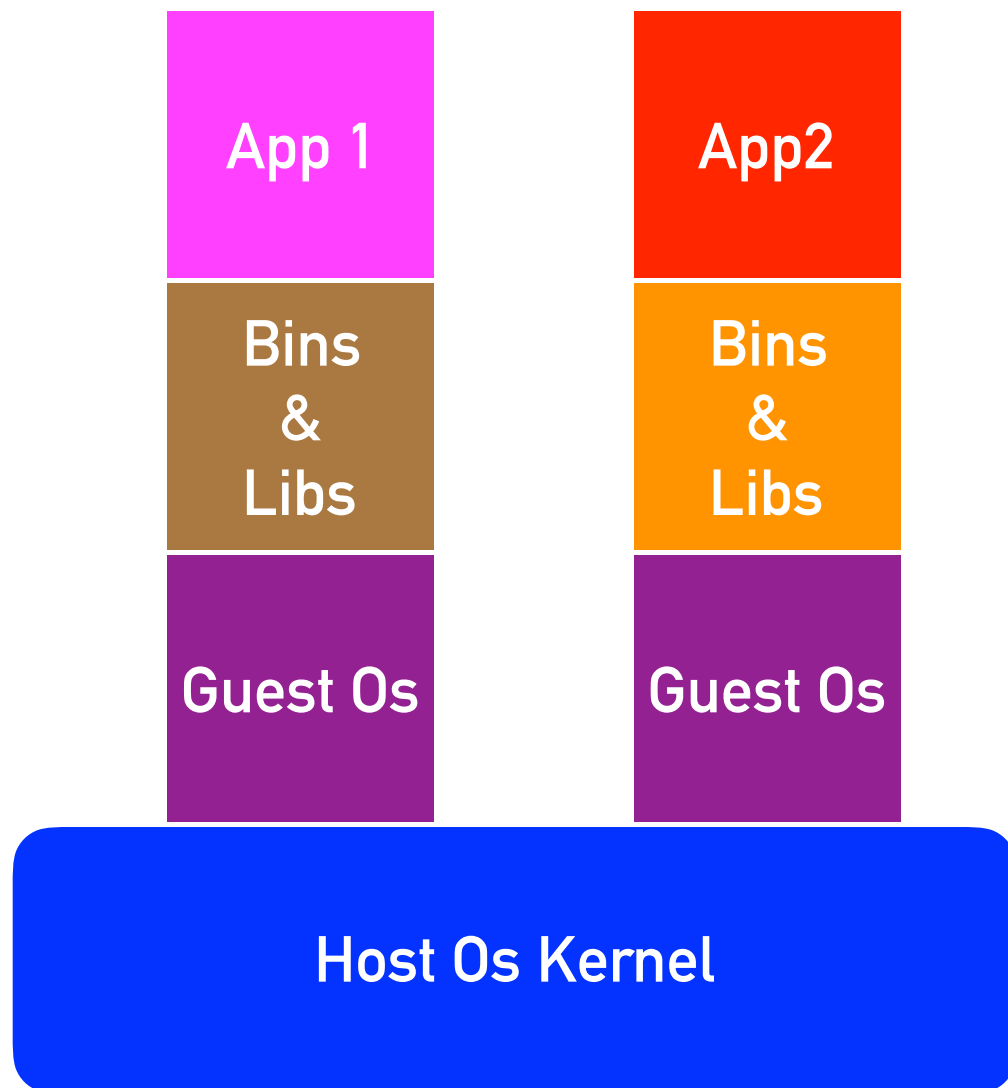


Google Cloud Platform : Cloud Training



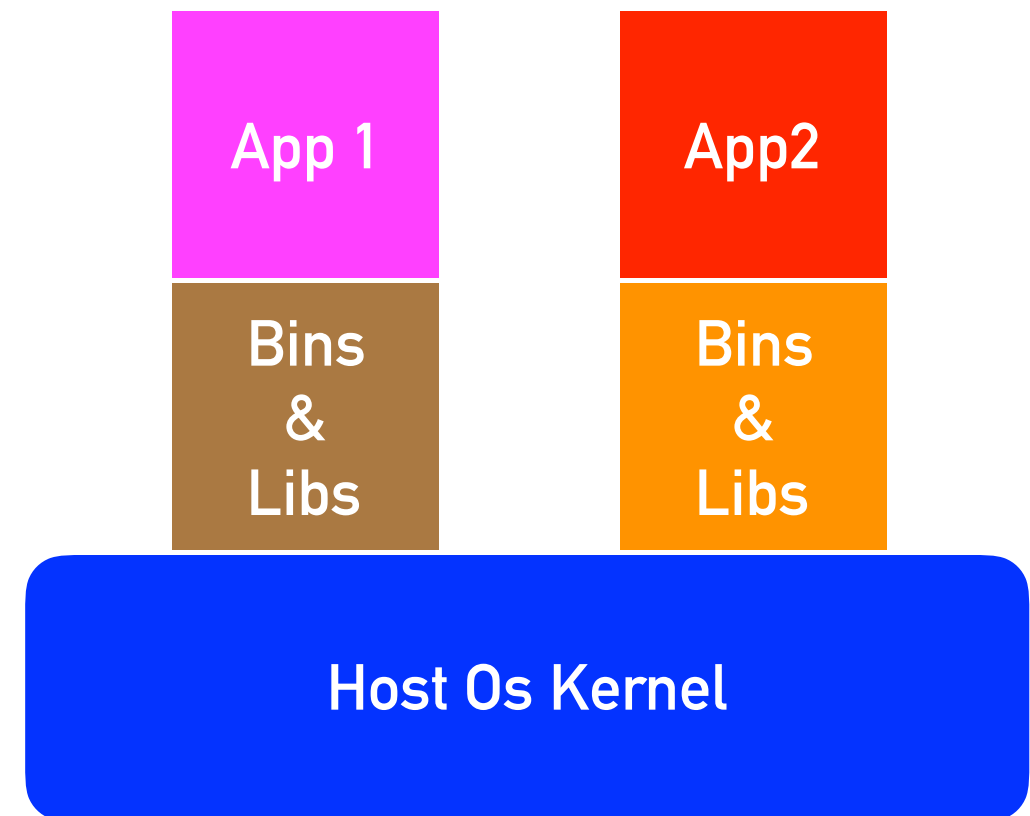
Google Cloud Platform : Cloud Training

Virtual Machine



New Build > Multi OS > Sep Libs > Heavy > More Time

Docker Container



New Build > Same OS > Sep Libs > Light Weight > Less Time

Google Cloud Platform : Cloud Training

- **Kubernetes** : Kubernetes is an **open source** container orchestration platform that automates many of the manual processes involved in deploying, managing, and scaling containerized applications.
- Kubernetes was originally developed and designed by engineers at Google. Google was one of the early contributors to Linux container technology and has talked publicly about how **everything at Google runs in containers**.
- Google generates more than 2 billion container deployments a week, all powered by its internal platform, **Borg**.

Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, completing the word 'Thank you!' in a cursive script on a white surface. The hand is positioned on the right side of the frame, with the index and thumb fingers visible, holding the marker. The marker is black with a silver band. The text 'Thank you!' is written in a fluid, cursive style. The background is plain white.

See you in next lecture ...