DOCKER
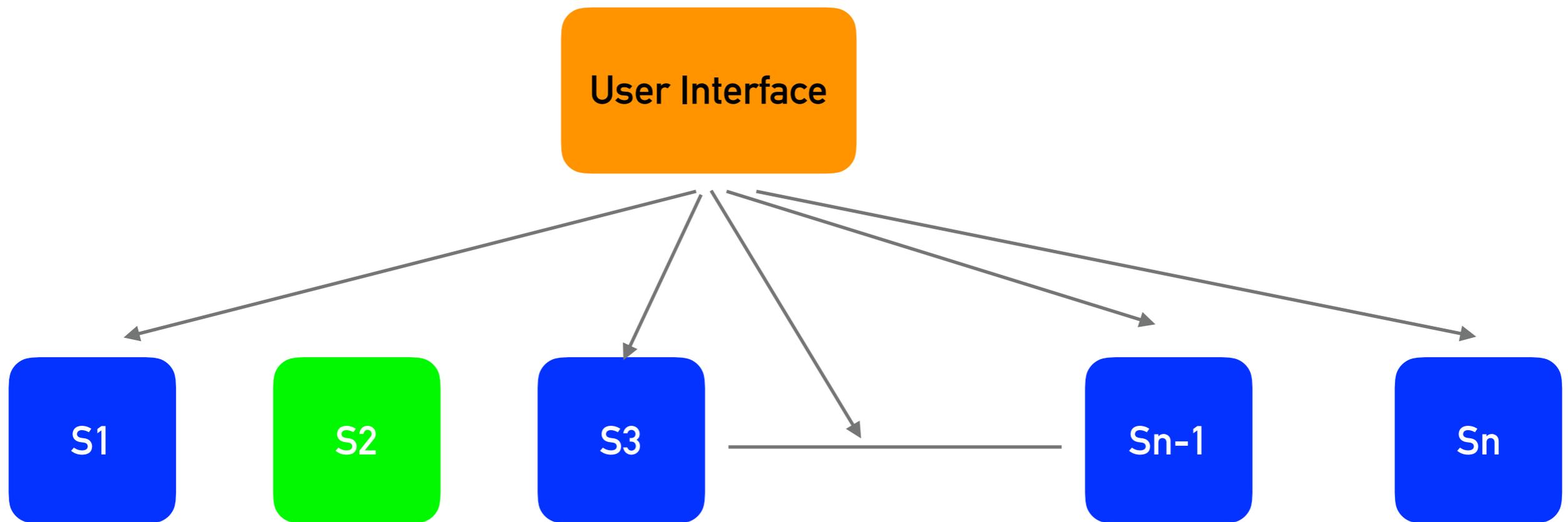
Zero-Downtime Service Upgrade

➤ Swarm Help us to Limit the Downtime in Service Update/ Upgrade.

➤ It's all become possible with Rolling Upgrade Approach.

➤ Service Upgrade Provides rolling upgrade of replicas/ containers with Zero-downtime.

➤ Service Upgrade Replace Containers in practical

➤ Some examples of Service Upgrade

➤ Enhance the Version of your Deployed Service
docker service update - -image <Imagename> <servicename>

➤ Swarm Update in Stack File

➤ Edit YML file and deploy the same file
   docker stack deploy -c <yml file> <servicename>

➤ Start Some NGINX Service on some port
   docker service create -p 80:8080 - -name <service_name>
   <nginx Image: version>

➤ Scale service Horizontally
   docker service scale <servicename> = <number of replicas>

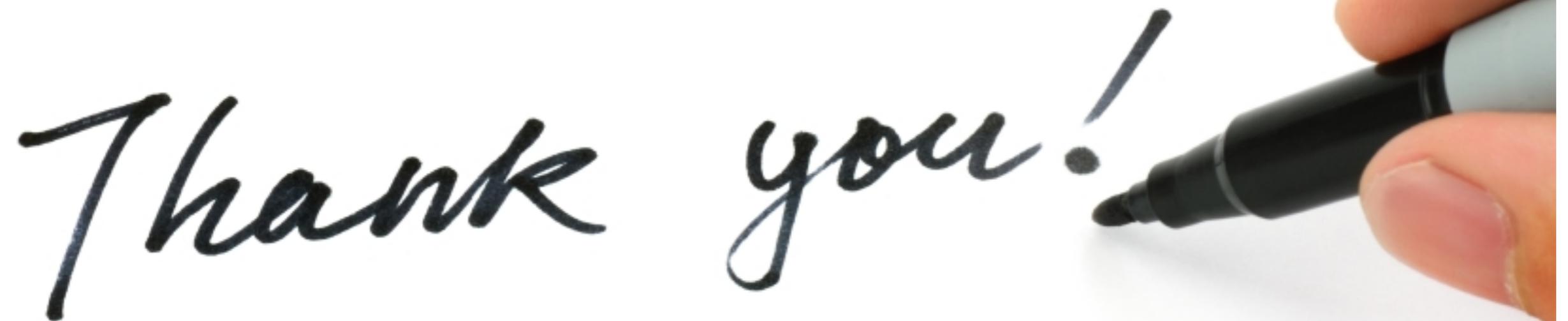➤ Enhance Deployed Image Version
docker service update - -image <Nginximage:version> <servicename>

➤ Change Port of running service
docker service update - -publish-rm <old_port> - -publish-add <new_port>:80

See you in next lecture …