Lab 1
Introduction to Cloud Computing
-- Virtualized Services

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Lab 1: build an OS

- Objective: successfully install a Linux system with all basic capabilities
- Recommend OS to install: openSUSE Leap 42.1、 SUSE Linux Enterprise Server 12 SP1 、 Red Hat Enterprise Linux 7、 CentOS 7、 Ubuntu 14.04 (LTS)
- Create your own user, and make it into sudoer list
  - Provide your own way to implement sudo group privilege
  - The more the better

Lab 1: Initialize a Service

- We will start to build an IaaS service system, called Docker, and we will establish services from your system in the following classes

- Go through the process of building a solid docker service running on your laptop or your virualized devices

- Help Links:
  - https://docs.docker.com/get-started/

Lab 1: Docker Image Deployment

- Objective: finish the **Docker Service initialization**
  - This is a basic Docker Service initialization process
  - Test it and run it in your own platform
  - Find your liked image from docker hub
  - My favorite would be golang image, find it and deploy it
  - Run a simple Golang hello world from this image
  - In your lab report, provide your input during the whole process

- For those who said our homework is easy, you are welcome

Lab1: Submission Requirement

- I will provide a basic Markdown template for your lab report online
- Fill the report with the Markdown template
- Compile it and submit it to ncuhomework@ncu.edu.cn
- Subject shall be Course Z6110X0035 CC Lab 1 #name #ID
- The tentative deadline for this lab is postponed to Apr. 8th, 11:59PM (Hard Deadline)