- container 접속
- $ apt-get update & apt-get install vim
- $ su -
- install & run zookeeper 3.4.5 or 3.4.6

- vi /nbase-arc/confmaster/cc.properties
    - confmaster.ip={machine real ip}
    - confmaster.zookeeper.address={zookeeper address}

- ./nbase-arc/confmaster/confmaster-{version}.sh
- $ echo cm_start | nc [machine ip] [port] ==> 'OK' or 'already running'
- $sudo apt-get install fabric

- $cd nbase-arc/mgmt/config &

- vi /conf_mnode.py
    - CONF_MASTER_IP = "machine ip"
    - CONF_MASTER_PORT = 1122
    - CONF_MASTER_MGMT_CONS = 1
    - USERNAME = "root" or "{username}"

- vi /conf_dnode.py
    - REDIS_VERSION = "{version}"
    - GW_VERSION = "{version}"
    - SMR_VERSION = "{version}"

- **** nbase-arc/bin/ 아래의 파일들과 버전 정확히 일치해야함.
(https://github.com/naver/nbase-arc/issues/141) 읽기

- $ ssh-keygen
- $ cat $HOME/.ssh/id_rsa.pub >> $HOME/.ssh/authorized_keys

- $ cd nbase-arc/mgmt
- $ fab main

- \>> 14
  - machine ip 입력하고 public-key & 아까 username 으로 입력한거의 비번 입력
  - 세팅 완료(초록색 떠야됨)

- \>> 3
  - 클러스터 만드는거는
  - Cluster name : **test_cluster**
  - PG count : **4**
  - Replication number : **1**
  - PGS Physical Machine list([["PM_NAME PM_IP", "PM_NAME PM_IP"], ["PM_NAME PM_IP", "PM_NAME PM_IP"], ...]) **[["{machine name} {machine IP}"]]**
  - Gateway Physical Machine list([PM_NAME PM_IP, PM_NAME PM_IP, ...]) **["{machine name} {machine IP}"]**
  - Cronsave number **1**
  - Print script? [Y/n] **Y**
  - Print configuration? [Y/n] **Y**
  - Create PGS, Continue? [Y/n] **Y**
  - Confirm Mode? [Y/n] **n**

- test
  - $ cd base-arc/bin
  - $ ./arc-cli-{version} -z {zookeeper ip} -c {cluster name}
  - set key value
  - get key