**AWS Architecture Initial configuration**

1. Create new VPC (I suggest 172.16.0.0/16) with subnet 172.16.0.0/24
2. Create new Key Pair for creating **bastion** host(name it like *youlun-bastion.pem* for example).
3. Create another one Key Pair and name it *youlun-common*(as example).
4. Create new t2.small instance for **bastion** host and call it bastion(or master). Choose free AMI Ubuntu 14.04 x64 for OS. Use Key Pair created in STEP 2 for it. On the step of assigning VPC parameters select VPC network and subnet created in STEP 1. Make sure there is public IP assigned option. In the bottom of page assign static IP address for eth0 interface 172.16.0.1
5. Put your public ssh key to devops/bastion/users/littlepea file and push to git(make sure no trailing space or newline in it).
6. Login to bastion host with *youlun-bastion.pem* key as ubuntu user
7. Generate ssh keys with *ssh-keygen* and upload public key to Github.
8. Clone devops repo.
9. Create directory /opt/sshkeys and place key **youlun-common.pem** created in STEP 3 to /opt/sshkeys (with *sudo*)
10. Go to devops/bastion and run shell script create\_users.sh(with sudo)
11. Check if you can login to bastion host with your public key previously uploaded to github(in STEP 5) with next command:

$ ssh littlepea@BASTION\_PUBLIC\_IP

1. If all went fine till this step, I can continue all next configuration :)