

TM SETUP

- Installing Dependencies

- sudo apt-get install git
- sudo apt-get update
- sudo apt-get install python-pip
- Install python 2.7.12 if missing (<http://askubuntu.com/questions/101591/how-do-i-install-python-2-7-2-on-ubuntu>)

- ALWAYS FOLLOW THIS ORDER!!!!!!

- git clone https://github.com/ansible/ansible-container
- pip install .
- git clone https://github.com/tissuemaps/elasticcluster
- pip install .
- sudo apt-get install libpq-dev
- sudo apt-get install libffi-dev

- Installation TM SETUP

- git clone https://github.com/pelkmanslab/TmSetup
- sudo pip install .

- Install TmClient

- sudo apt-get update
- git clone https://github.com/pelkmanslab/TmClient
- Make sure pelkmanslab repositories on github are pulled

- Launch a VM in ScienceCloud

- `source .openstack.rc`
- `mkdir .tmaps/setup/`
- `cp tmsetup/etc/singlenode_setup_os.yml ~/.tmaps/setup/setup.yml`
- Add missing information
- `tm_setup -vv vm launch`
- # Bug: Currently doesn't make a new key, so this VM needs to be given a working key. Problem with access rights to python libraries: `/usr/local/lib/python2.7/dist-packages/`
- `tm_setup -vv vm deploy`
- `tm_setup -vv container build` (for launching a docker)

- Contents of .openstack.rc

- `export OS_PROJECT_NAME=users.pelkmanslab.imls.uzh`
- `export OS_USERNAME=USERNAME`
- `export OS_PASSWORD=ENTERYOURPASSWORD`
- `export OS_AUTH_URL='https://cloud.s3it.uzh.ch:5000/v2.0'`
- `export OS_COMPUTE_API_VERSION=2`