Public

- Instructions for CMB/BMP 450/550 Virtual Server Setup

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Connect

- host: 3.208.105.77

Setup Conda

```
wget https://repo.anaconda.com/archive/Anaconda3-2024.06-1-Linux-x86_64.sh

chmod 755 Anaconda3-2024.06-1-Linux-x86_64.sh

./Anaconda3-2024.06-1-Linux-x86_64.sh

Welcome to Anaconda3 2024.06-1

In order to continue the installation process, please review the license
agreement.
Please, press ENTER to continue
>>> (press ENTER)

...

Do you accept the license terms? [yes|no]
>>> yes

...

Anaconda3 will now be installed into this location:
/home/cshen/anaconda3

  - Press ENTER to confirm the location
  - Press CTRL-C to abort the installation
  - Or specify a different location below

[/home/cshen/anaconda3] >>> (press ENTER)

...

*** AT COMPLETION, DISCONNECT AND CONNECT TO CONTINUE WITH BELOW ***
```

Install Packages (all except qiime)

```
conda config --add channels bioconda
conda config --add channels conda-forge

conda update conda -y
conda update conda-build -y
conda install conda-libmamba-solver -y
conda config --set solver libmamba
```

```
conda install blast hmmer fastqc trimmomatic bowtie2 raxml dfast megahit muscle prodigal -y

Channels:
 - conda-forge
 - bioconda
 - defaults
Platform: linux-64
Collecting package metadata (repodata.json): done
Solving environment: \
```

Install Packages (qiime)

```
conda env create -n qiime2-tiny-2024.5 --file https://data.qiime2.org/distro/tiny/qiime2-tiny-2024.5-py39-linux-conda.yml
```

Qiime Extra Note

```
*** TO USE QIIME ***
conda activate qiime2-tiny-2024.5

*** TO SWITCH BACK TO BASE ENVIRONMENT FOR ALL OTHER PACKAGES ***
conda deactivate
```