Jupyterhub on CENTOS

Requirement:

Python3

Conda <- ananconda 3

R

yum install epel-release

yum install R

yum groupinstall –y “Development Tools”

yum install –y libcurl-devel openssl-devel libssh2-devel

yum install –y

LDAP support

HTTPS

安装指南：

**以root, 安装anaconda**

<https://www.vultr.com/docs/how-to-install-jupyter-notebook-on-a-vultr-centos-7-server-instance>

使用这里的PATH设置。

**安装jupyterhub**

<https://github.com/jupyterhub/jupyterhub>

<https://jupyterhub.readthedocs.io/en/stable/quickstart.html>

[~~https://jupyterhub-deploy-teaching.readthedocs.io/en/latest/~~](https://jupyterhub-deploy-teaching.readthedocs.io/en/latest/)

<https://medium.com/@ybarraud/setting-up-jupyterhub-with-sudospawner-and-anaconda-844628c0dbee>

<https://gist.github.com/johnrc/604971f7d41ebf12370bf5729bf3e0a4>

<https://github.com/jupyterhub/jupyterhub/wiki/Installation-of-Jupyterhub-on-remote-server>

LDAP:

<https://github.com/jupyterhub/ldapauthenticator>

[~~https://docs.aws.amazon.com/emr/latest/ReleaseGuide/emr-jupyterhub-ldap-users.html~~](https://docs.aws.amazon.com/emr/latest/ReleaseGuide/emr-jupyterhub-ldap-users.html)

LDAP, 需要linux系统的支持LDAP,

<http://www.tldp.org/HOWTO/archived/LDAP-Implementation-HOWTO/pamnss.html>

且安装jupyterhub的LDAP插件。

postgresql:

<https://www.digitalocean.com/community/tutorials/how-to-set-up-a-firewall-using-firewalld-on-centos-7>