Detail process for rebuild/reinstall of FSP server/project from scratch

Rebuild Server – Linode – Ubuntu 14.04 LTS

From Linode Dashboard:

Shut down running server

Select “Rebuild” from Linode Dashboard

From **first** **terminal** command line prompt on development system:

Edit ~/.ssh/known\_hosts to remove entry for cyoa.402server.com

Login to remote server:

ssh [root@cyoa.402server.com](mailto:root@cyoa.402server.com)

[Note: reply ‘yes’ to “Are you sure you want to continue connecting (yes/no)?” message.]

From **second** **terminal** command line prompt:

Enable virtual environment:

source activate fspdeploy

Move to production directory for project:

cd ~/projects/fsp-deployment-guide/prod

Run Fabric script to bootstrap deployment user onto remote server:

fab bootstrap

[Note: **don’t overwrite** **rsa key pair** - we assume in replying to bootstrap messages, that they already exists and may have been shared across multiple development systems.]

[Note: base key name is “cyoa.402server.com\_prod\_key”]

Run Ansible script:

[[some variation of xxx\_prod.sh, depending on status of project]]

jtc\_ubuntu\_prod.sh (installs OS packages, including fail2ban)

Web Server - Nginx

Source Code Control - GitHub

Databases – PostgreSQL & Redis

Application Dependencies – Flask, et al.

WSGI Servers - Gunicorn

Task Queues – Celery

Continuous Integration – Jenkins – Linode – Ubuntu 14.04 LTS