

1. Amazon server infra
 - a. We run 2 AWS servers:
 - i. besi_backend
 1. Going to demo in linux
 - ii. besiSnowplow-env
 1. Runs on amazon because snowplow has a preconfig'd elastic beanstalk version
2. Domain Name assorted
 - a. 1 domain name purchased: besistudy.org from namecheap
3. Running the server on w/e server
 - a. Sudo -i to get interactive root (be careful!)
 - b. tmux attach -t 0 (if a session is running) or just tmux
 - c. if not running:
 - i. cd /home/ubuntu/tablet-backend
 - ii. gunicorn -c gunicorn_config.py besi_tablet_backend.wsgi
 - iii. To detach tmux do: ctrl-b then press d

Database for the server is at /home/ubuntu/tablet-backend/besi_tablet_backend/db.sqlite3

To update server code run git pull in the directory

You need to manually update the settings.py to have:

DEBUG = False

ALLOWED_HOSTS = ['54.165.234.188', '127.0.0.1']

SECRET_KEY MUST be different than the one on gitlab

The server uses NGINX as the http frontend. Gunicorn does not serve pages. It just generates them. NGINX serves pages and pulls in the certs. Configs for NGINX are in /etc/nginx/sites-enabled

4. HTTPS certs / updating
 - a. acmetool updates certs automatically!
 - b. If you need to force an update run acmetool
 - c. We get certs from Let'sEncrypt

Snowplow setup follows this guide: <https://github.com/snowplow/snowplow/wiki>