

# John's AWS S3 / Django Cheat Sheet

## AWS.AMAZON.COM/console

In chrome, go to [AWS Console](https://aws.amazon.com/console/) (aws.amazon.com/console/) & navigate to **S3** section of your dashboard

Under **Storage & Content Delivery** click [create bucket](#)

Give the bucket a name & select the **Oregon** region

Open the bucket you created

Create new directories for "**admin**", "**media**", & "**static**"

In the top right corner of the console click on your [username](#), then [security credentials](#)

click [Continue to Security Credentials](#) on prompt screen

On the left nav, click [User](#)

Click [Create New User](#) (Make sure the Generate an access key for new user is checked)

Click [Show user security credentials](#) & write down your Access Key ID & your Secret Access Key

Click the [Users](#) tab & the username you just created

Scroll down to permissions & click [Attach User Policy](#)

With the "Select Policy Template" tab selected, scroll all the way down to S3

Select "Amazon S3 Full Access" policy & hit

Navigate back to your S3 dashboard & go into your bucket directory

Select the "Properties" tab on the right side

Click the

Click

Under Grantee select  & select what access users can have on the bucket (List, Upload/Delete, View Permissions, Edit Permissions)

Click

## Inside your virtual environment

pip install

pip install

pip install

pip freeze > requirements.txt

## settings.py

✚ Add '**storages**', to the bottom of your installed apps **INSTALLED APPS**

[+ create file](#)

## s3utils.py (same directory as settings.py)

```
from storages.backends.s3boto import S3BotoStorage
StaticRootS3BotoStorage = lambda: S3BotoStorage(location='static')
```

## local\_settings.py

```
AWS_ACCESS_KEY_ID = 'YOUR_ACCESS_KEY_ID'
```

```
AWS_SECRET_ACCESS_KEY = 'YOUR_SECRET_ACCESS_KEY'
```

```
AWS_STORAGE_BUCKET_NAME = 'YOUR_BUCKET_NAME'
```

```
STATICFILES_STORAGE = 'YOUR_PROJECT.s3utils.StaticRootS3BotoStorage'
```

```
DEFAULT_FILE_STORAGE = 'storages.backends.s3boto.S3BotoStorage'
```

```
S3_URL = '://{}.s3.amazonaws.com/'.format(AWS_STORAGE_BUCKET_NAME)
```

```
MEDIA_URL = S3_URL + "media/"
```

```
STATIC_URL = S3_URL + "static/"
```

```
ADMIN_MEDIA_PREFIX = STATIC_URL + "admin/"
```

## Run collectstatic

```
python manage.py collectstatic
```