

WAMP → Autobahn for internet of Things.
web application messaging protocol

→ Sub protocol of websocket

→ Enables distributed application architecture

Key Concepts

Transport → 2 Peer connects

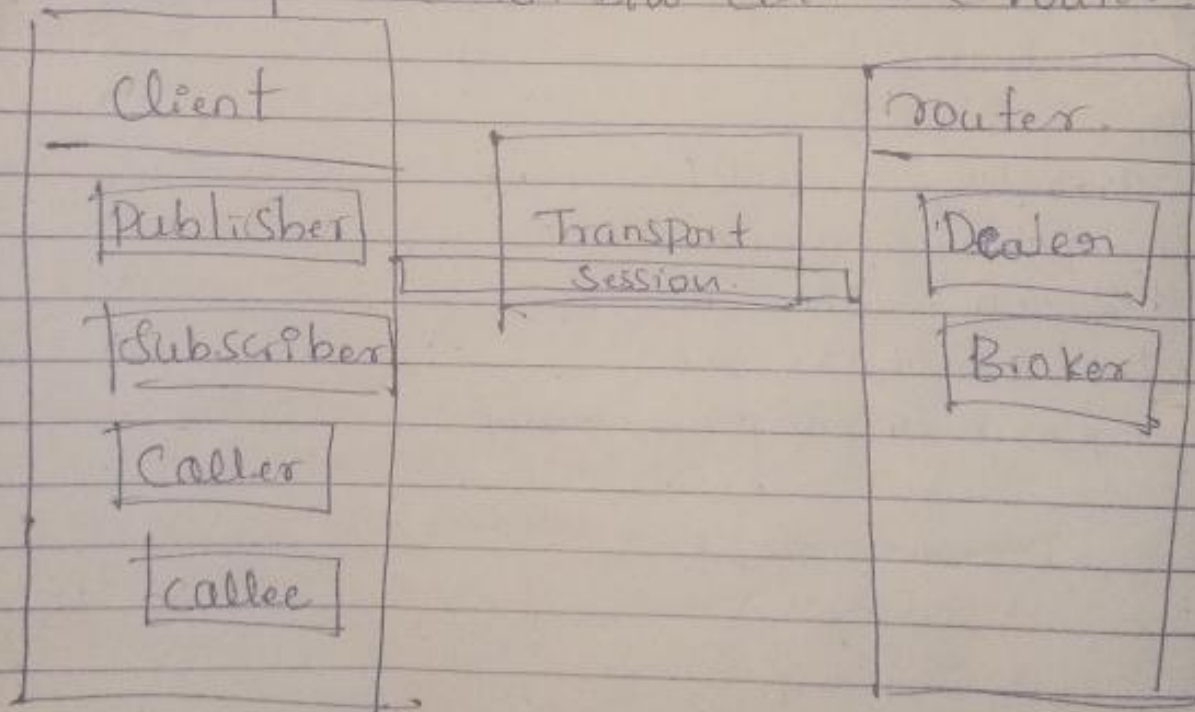
→ default transport is websocket

→ bi-directional communication

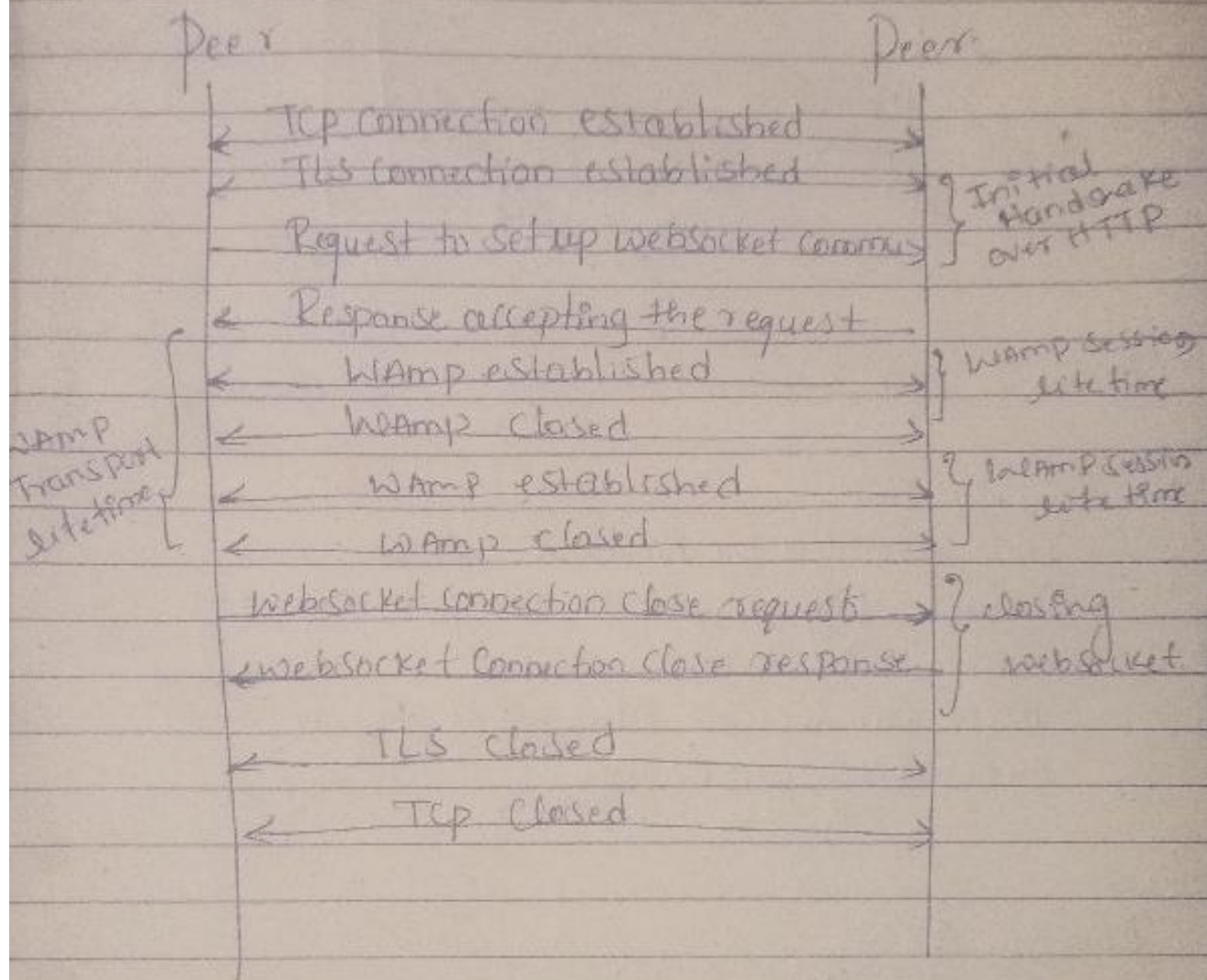
Session → Conversation b/w 2 peers

→ Runs over transport

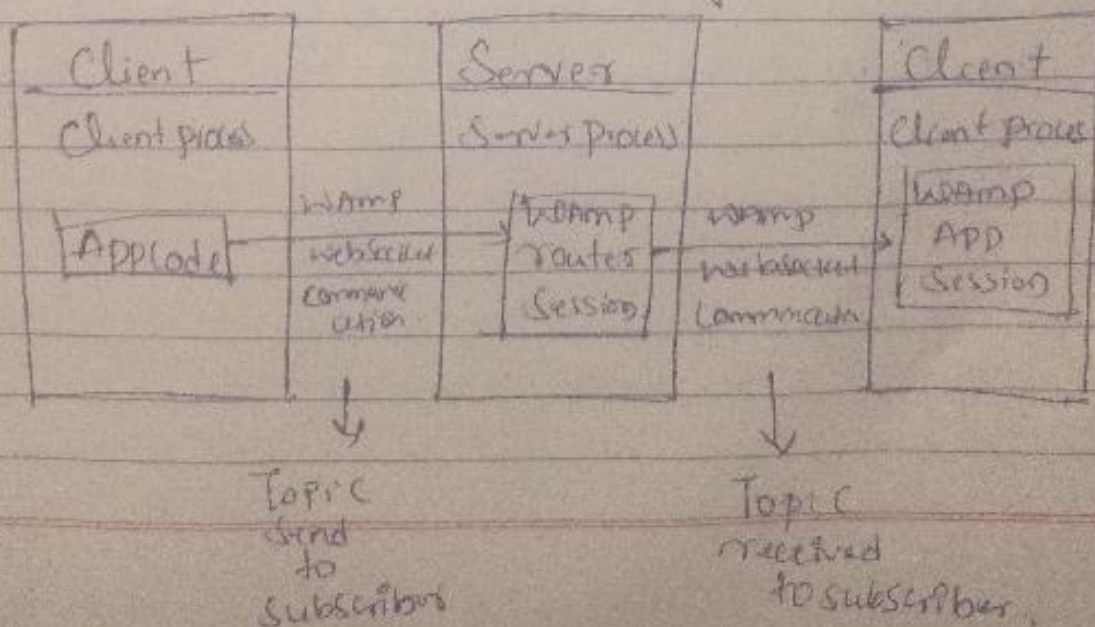
WAMP - Session b/w client and router



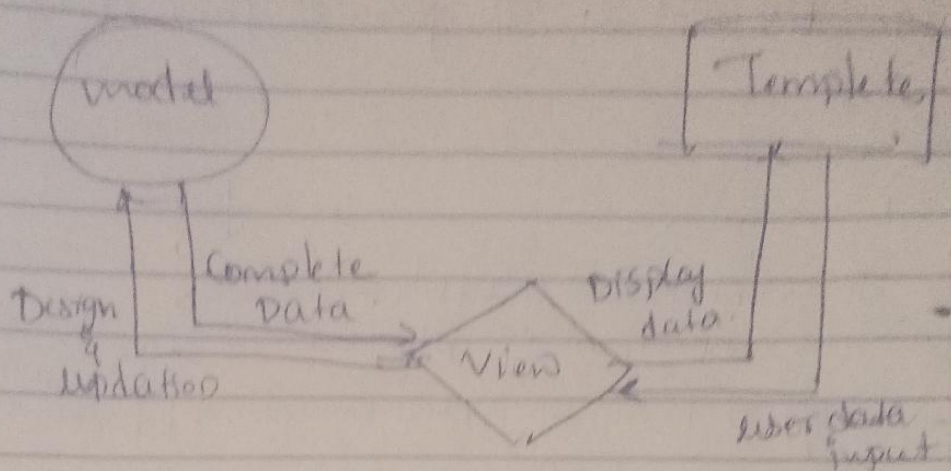
WAMP Protocol with peer to peer diagram



Publish-Subscribe messaging Autobahn



Django Model view, template architecture



Amazon web services

* Amazon Ec2

IaaS provided by Amazon.

✓ Scalable pay as you go Compute Capacity in cloud.

Users can increase Number of Ec2 Instances.
AutoScaling can be used

Amazon S3

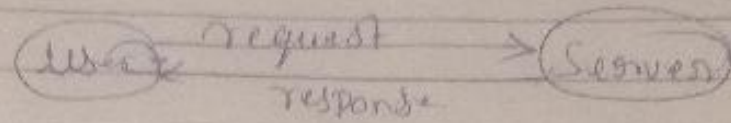
If the data is large we need to store it in online.

→ S3 is used to store data in online created by Amazon.

Amazon autoScaling

Restful API:-

Representation State Transfer (REST)



for Django Rest API

pip install djangorestframework
pip install markdown
pip install django-filter

Creating new file

- django admin.py Startapi restfulapi
- cd restfulapi
- python manage.py startapp myapp