**Option 1**

- L7 Loadbalancer
- uWSGI proxy to Django App
- Database
- Use DB Primary Increment-id to generate unique num

Nginx Keepalived VIP: 192.168.1.120

NGINX01: 192.168.1.140
Nginx Cluster
NGINX02: 192.168.1.141

uwsgi01: 192.168.1.151
uwsgi+Django App Server Group
uwsgi02: 192.168.1.152

PostgreSQL Cluster
PGsql Virtual IP: 192.168.1.160

pgpool
pgpool

Primary
Master
Standby
Slave

**Option 2**

- L7 Loadbalancer
- uWSGI proxy to Django App
- Use Redius Incr-Key generate unique num & Use as Cache
- Database

Nginx Keepalived VIP: 192.168.1.120

NGINX01: 192.168.1.140
Nginx Cluster
NGINX02: 192.168.1.141

uwsgi01: 192.168.1.151
uwsgi+Django App Server Group
uwsgi02: 192.168.1.152

Redis Cluster
redis master 192.168.1.170
redis slave 192.168.1.171

Primary
Standby
sentinel
sentinel

PostgreSQL Cluster
PGsql Virtual IP: 192.168.1.160

pgpool
pgpool

Primary
Master
Standby
Slave

*System Architecture Design*