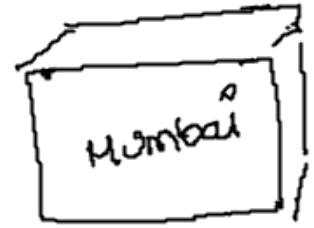
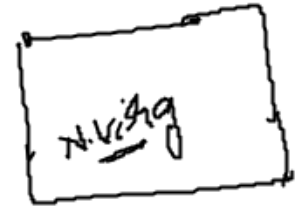
Lxy

Route53

latency :

Best response

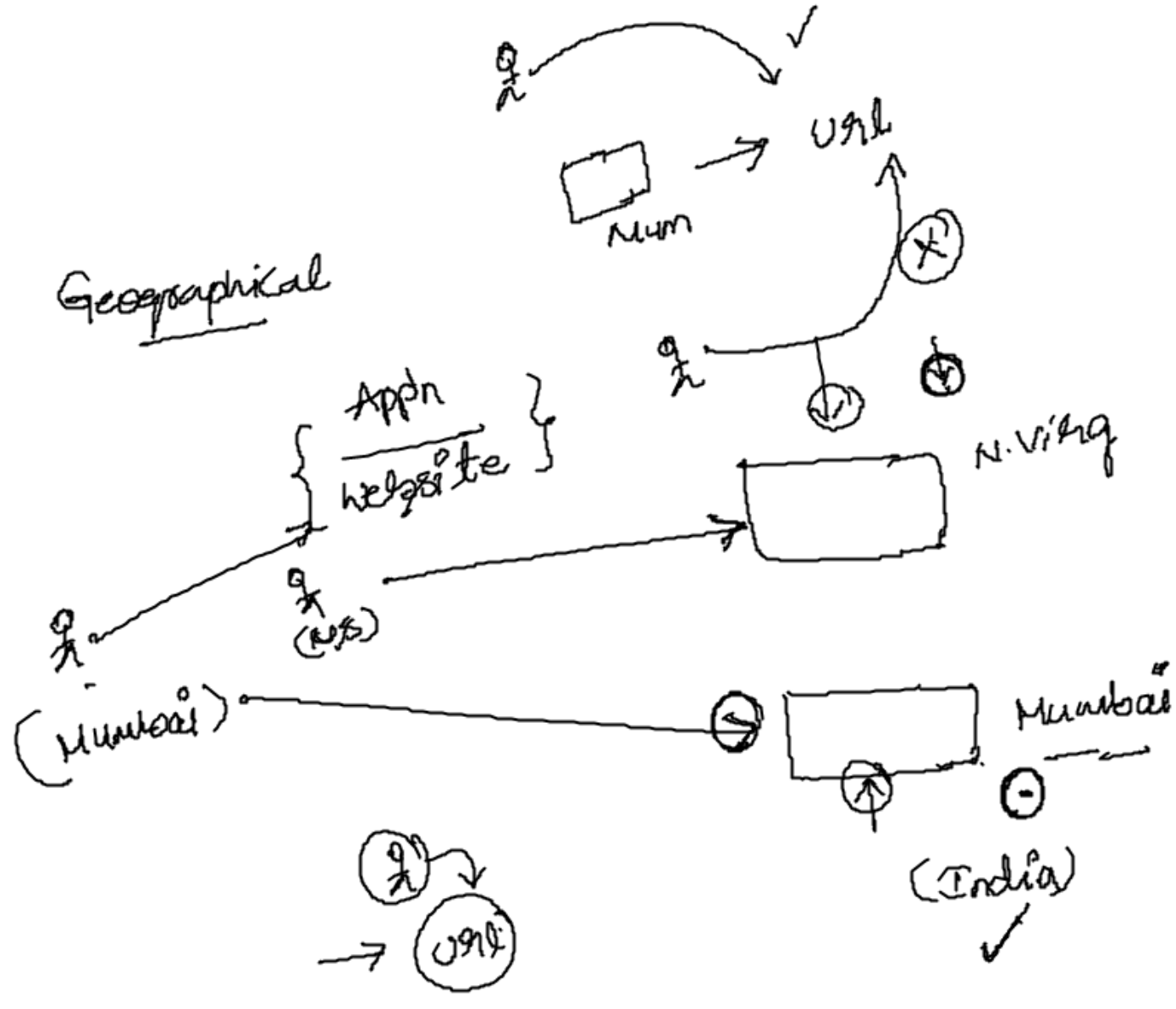




Geolocation :-

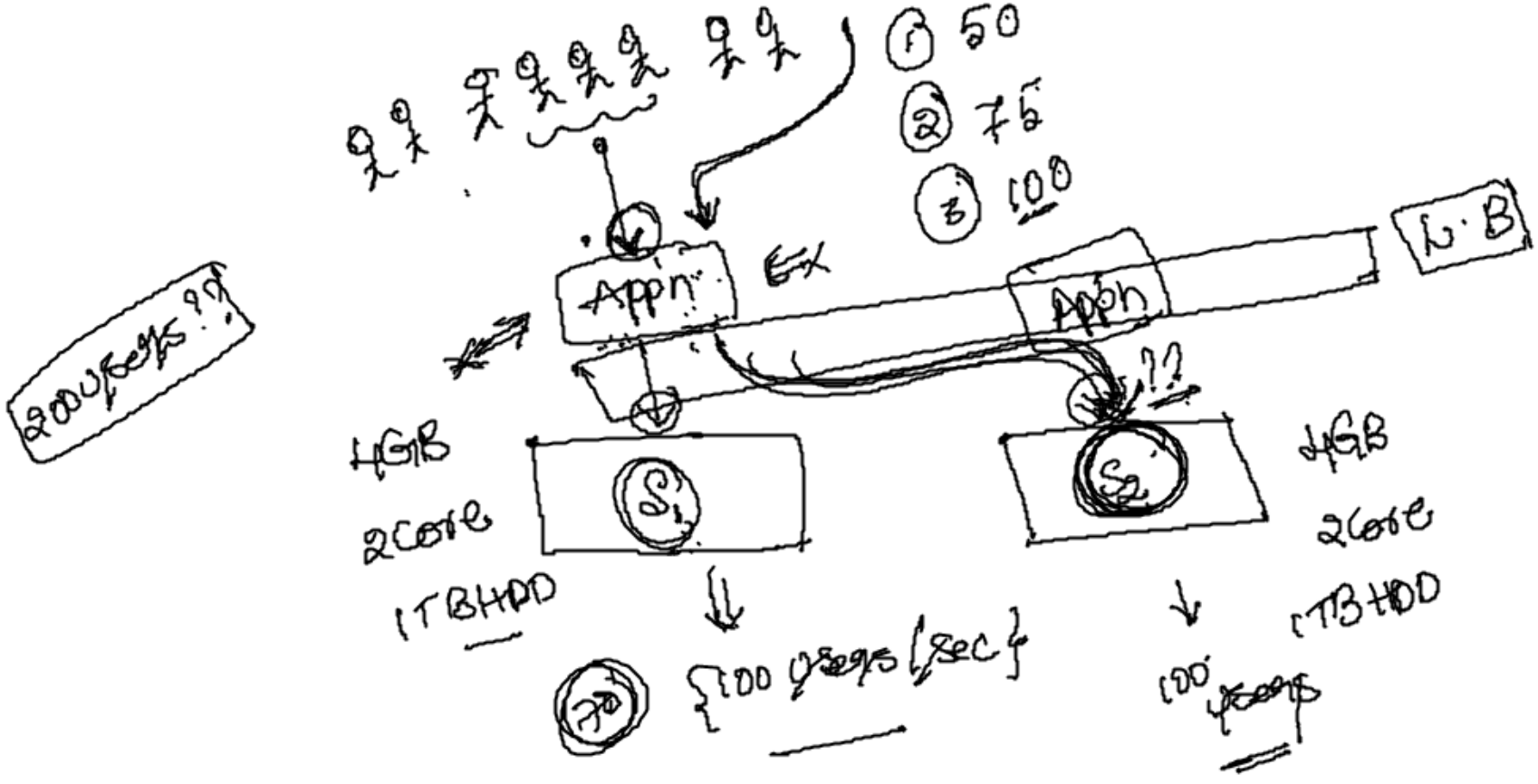
Route 53 Global

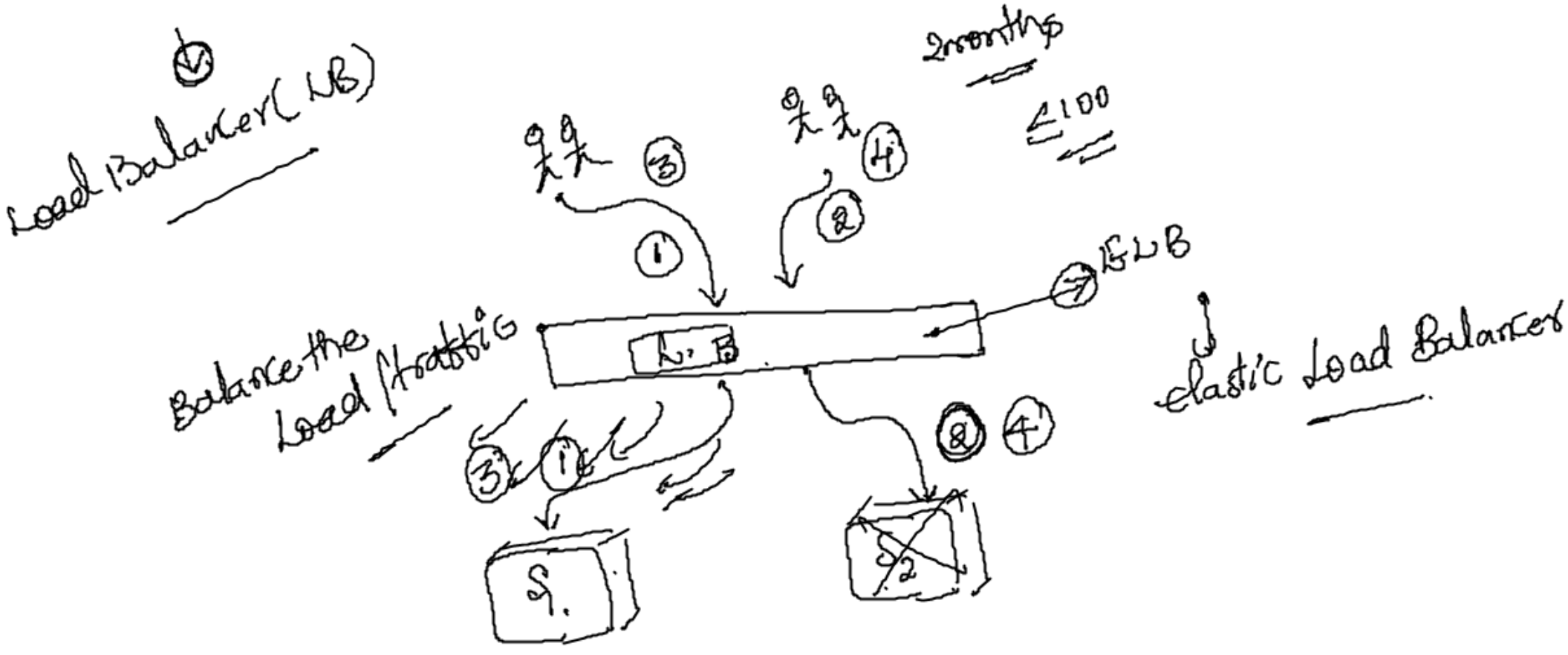
Geographical

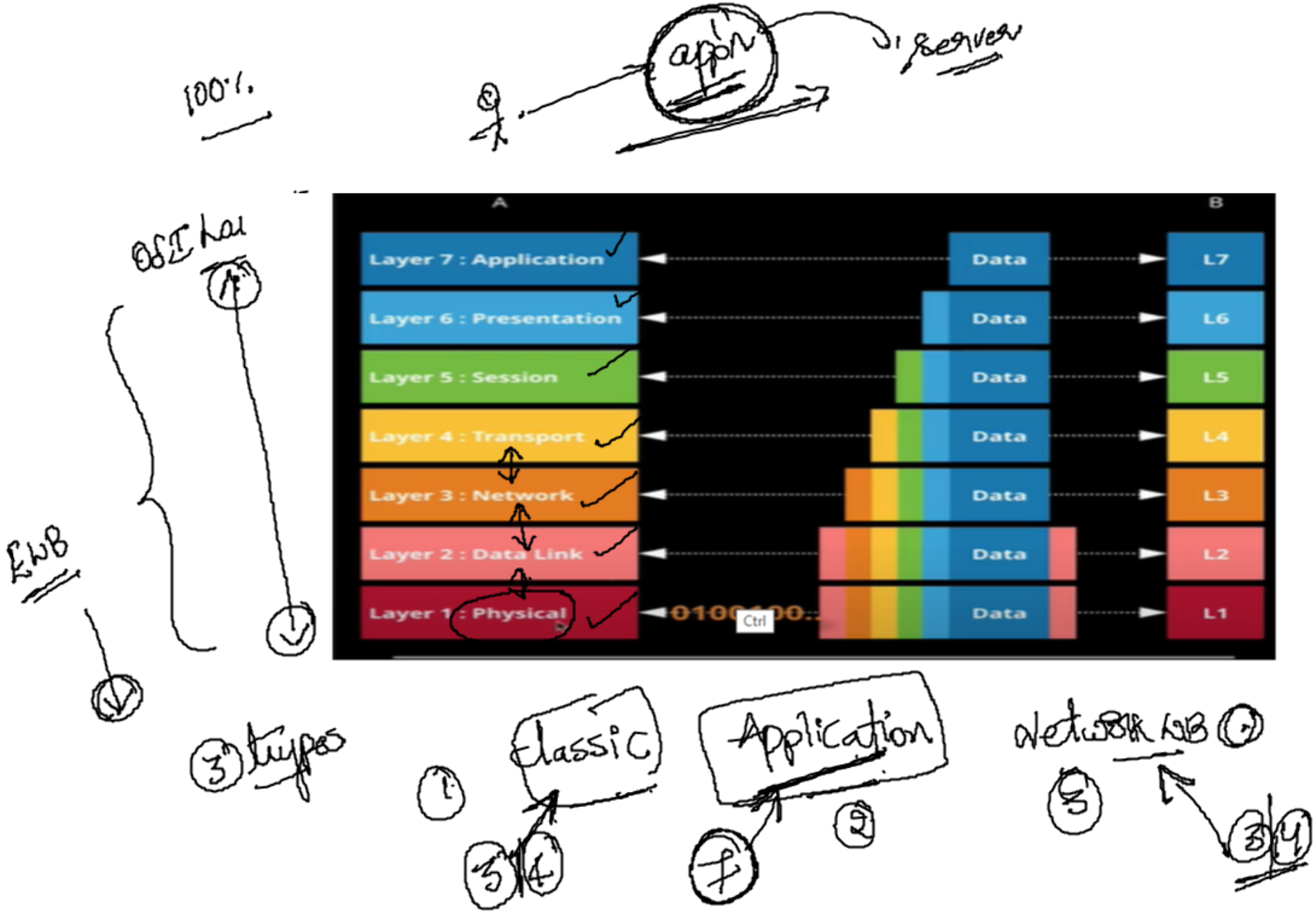


Load Balancer :-

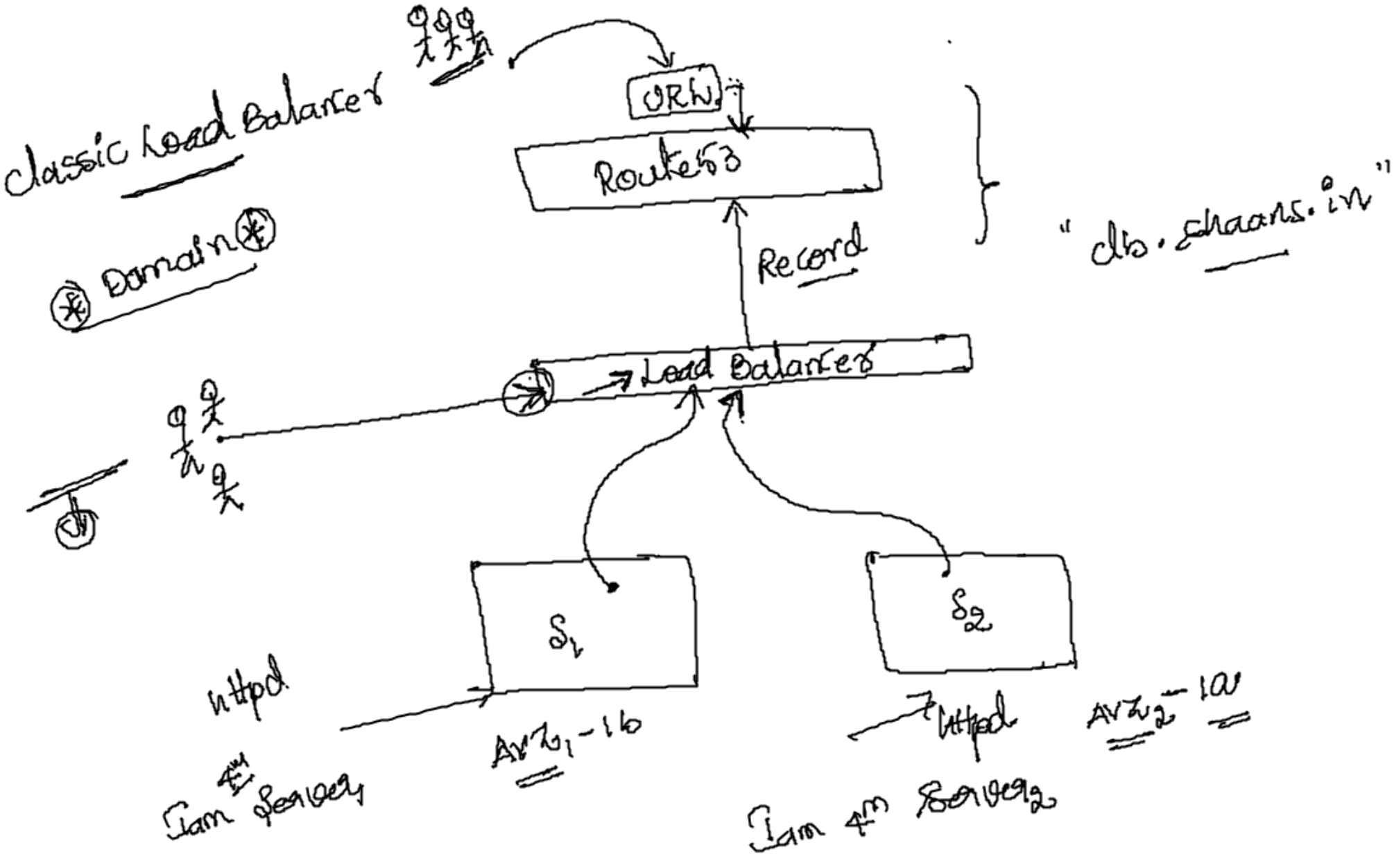
?? distribution Q

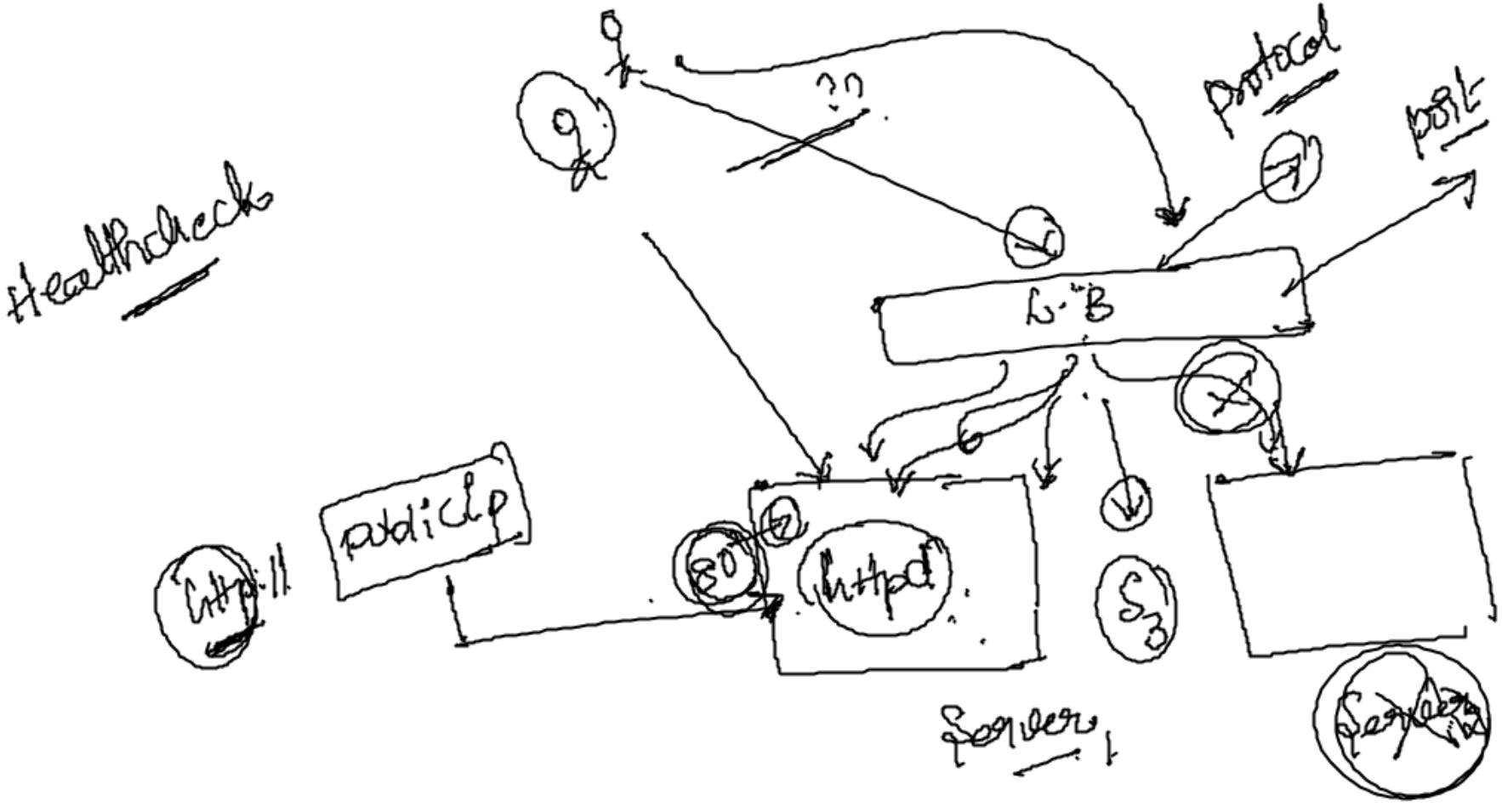



Load Balancer (LB)
2 months
≤100
Balance the Load Traffic
L.B
ELB
elastic Load Balancer
S1
S2

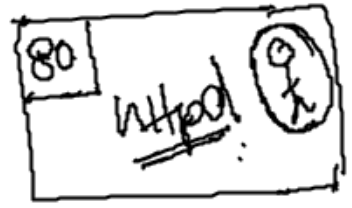

100%
app
server
OSI Model
A
B
Layer 7 : Application
Layer 6 : Presentation
Layer 5 : Session
Layer 4 : Transport
Layer 3 : Network
Layer 2 : Data Link
Layer 1 : Physical
Data
L7
L6
L5
L4
L3
L2
L1
Ctrl
LWB
3 types
Classic
Application
Network LVB

```
SI Model"
as "Please Do Not Throw Sausae Piza Away"
```

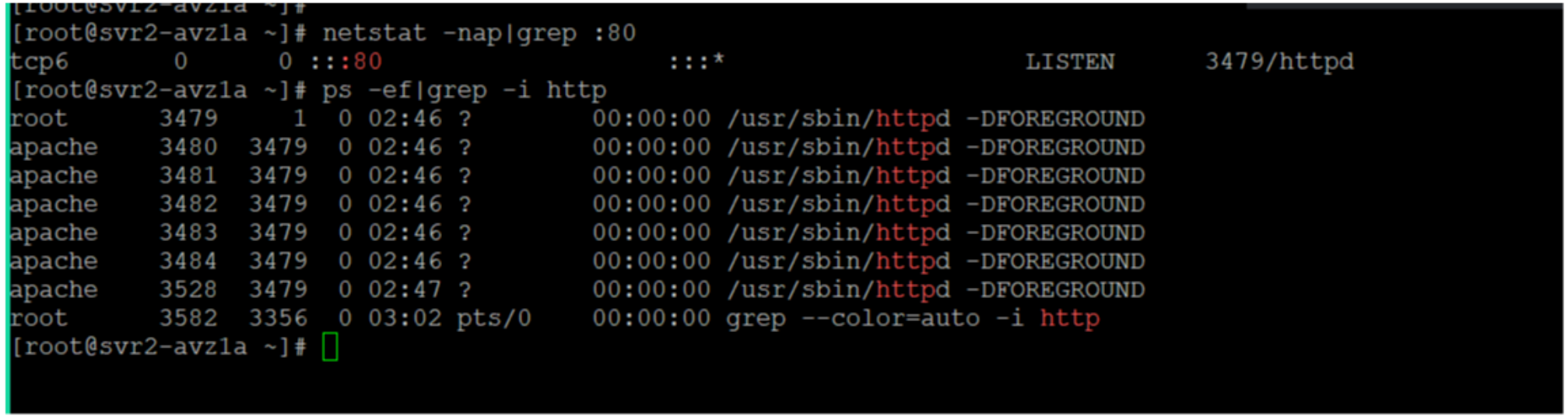

classic Load Balancer
Domain
URL
Route53
Record
"clb.shaans.in"
Load Balancer
S_1
S_2
HTTPD
AVZ1-1b
HTTPD
AVZ2-1a
Iam 4m Server1
Iam 4m Server2

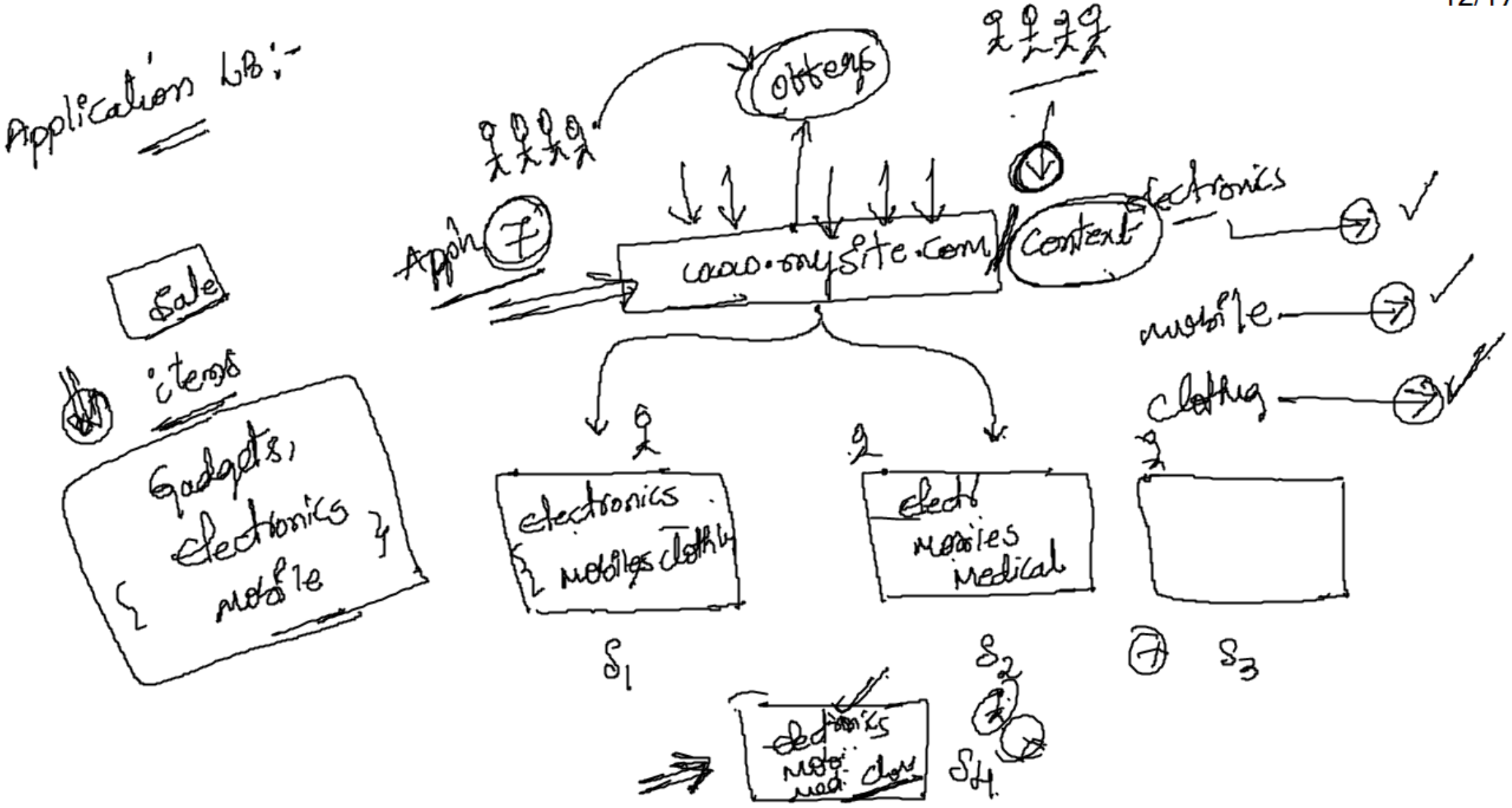

Healthcheck
protocol
port
L.B
publicip
http://
80
Server1
Server2

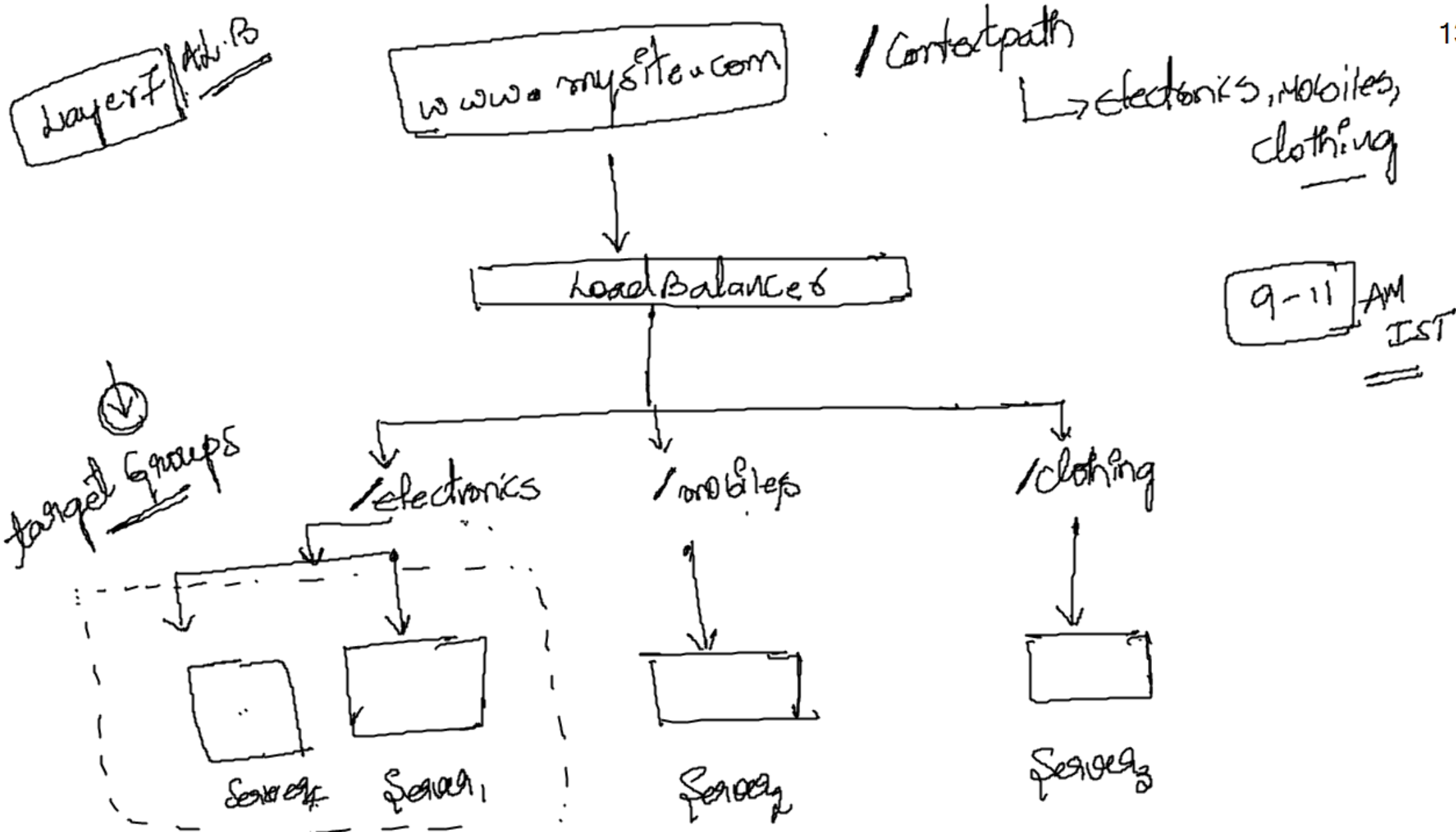
Appn working ??

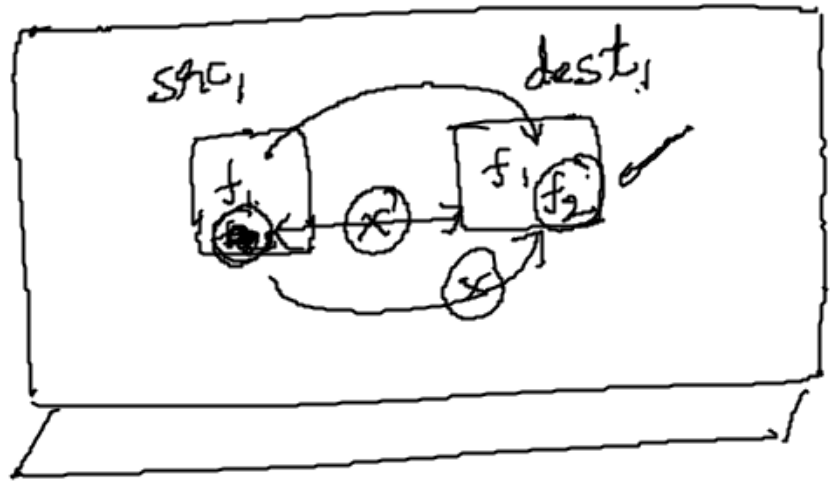


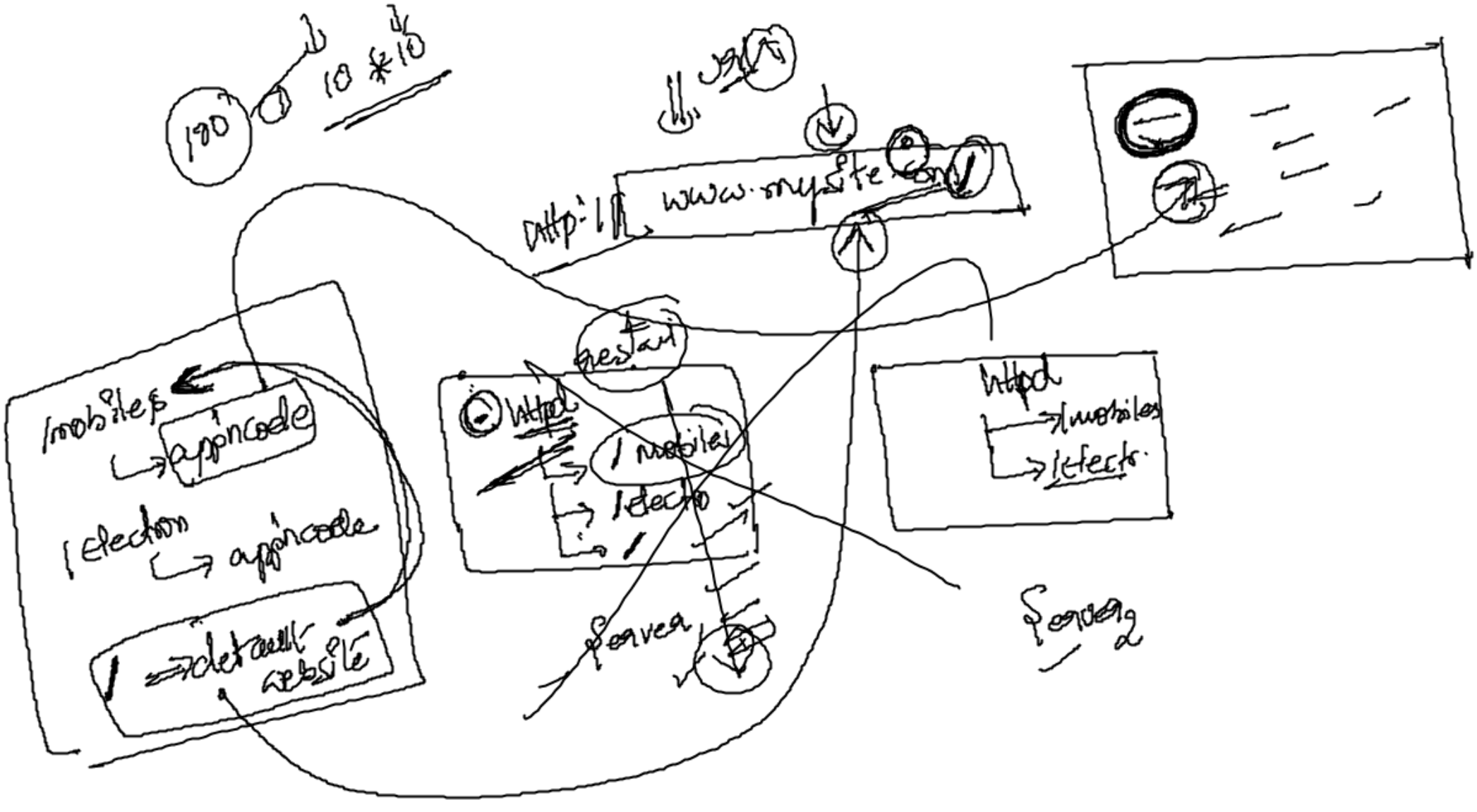
server1
[root@svr2-avz1a ~]# history
1 yum install httpd -y
2 systemctl enable httpd
3 echo "Hi All, I am from server2" > /var/www/html/index.html
4 systemctl restart httpd
5 history
[root@svr2-avz1a ~]#

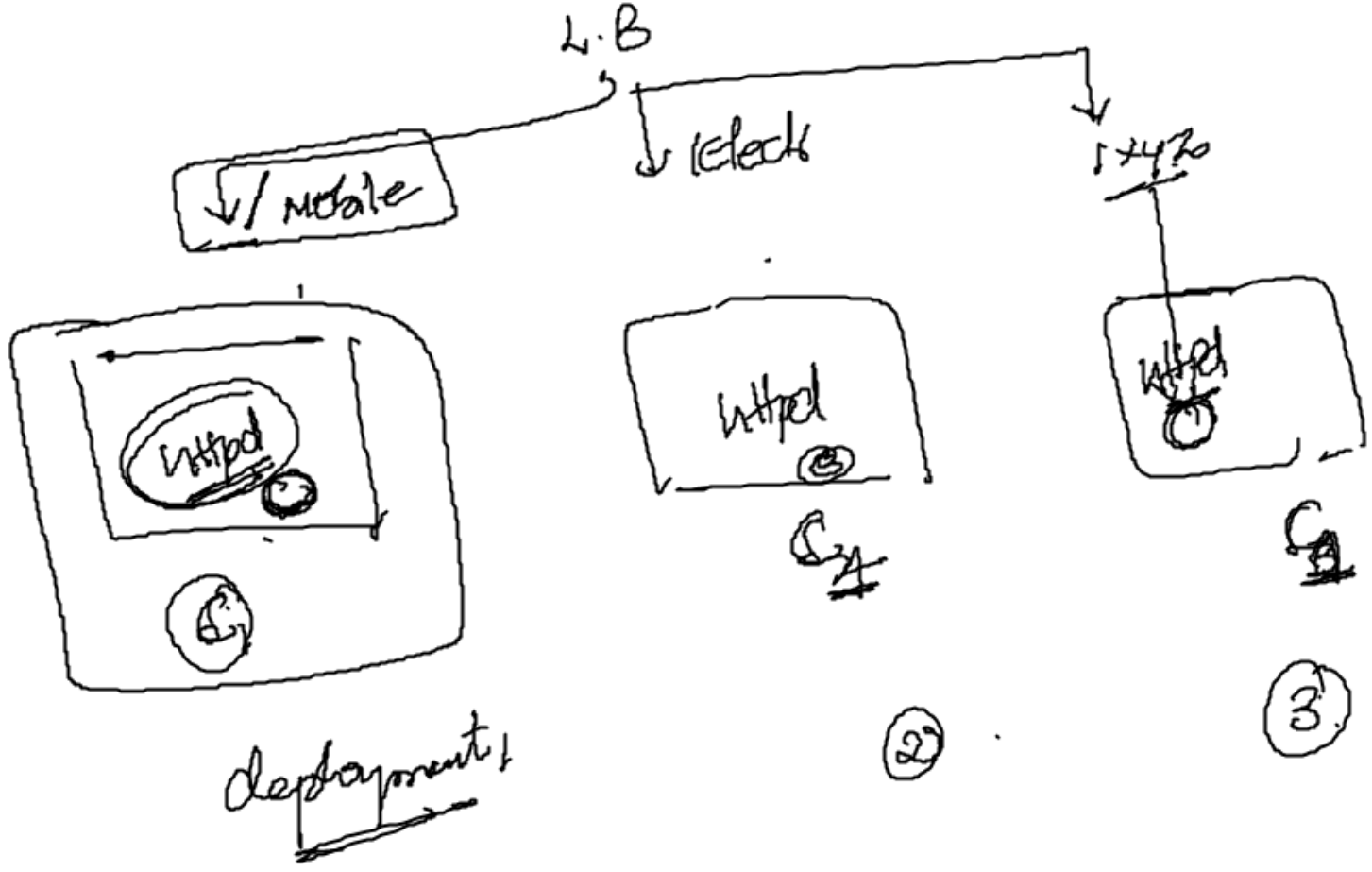

[root@svr2-avz1a ~]# netstat -nap|grep :80
tcp6 0 0 :::80 :::* LISTEN 3479/httpd
[root@svr2-avz1a ~]# ps -ef|grep -i http
root 3479 1 0 02:46 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
apache 3480 3479 0 02:46 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
apache 3481 3479 0 02:46 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
apache 3482 3479 0 02:46 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
apache 3483 3479 0 02:46 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
apache 3484 3479 0 02:46 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
apache 3528 3479 0 02:47 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
root 3582 3356 0 03:02 pts/0 00:00:00 grep --color=auto -i http
[root@svr2-avz1a ~]#

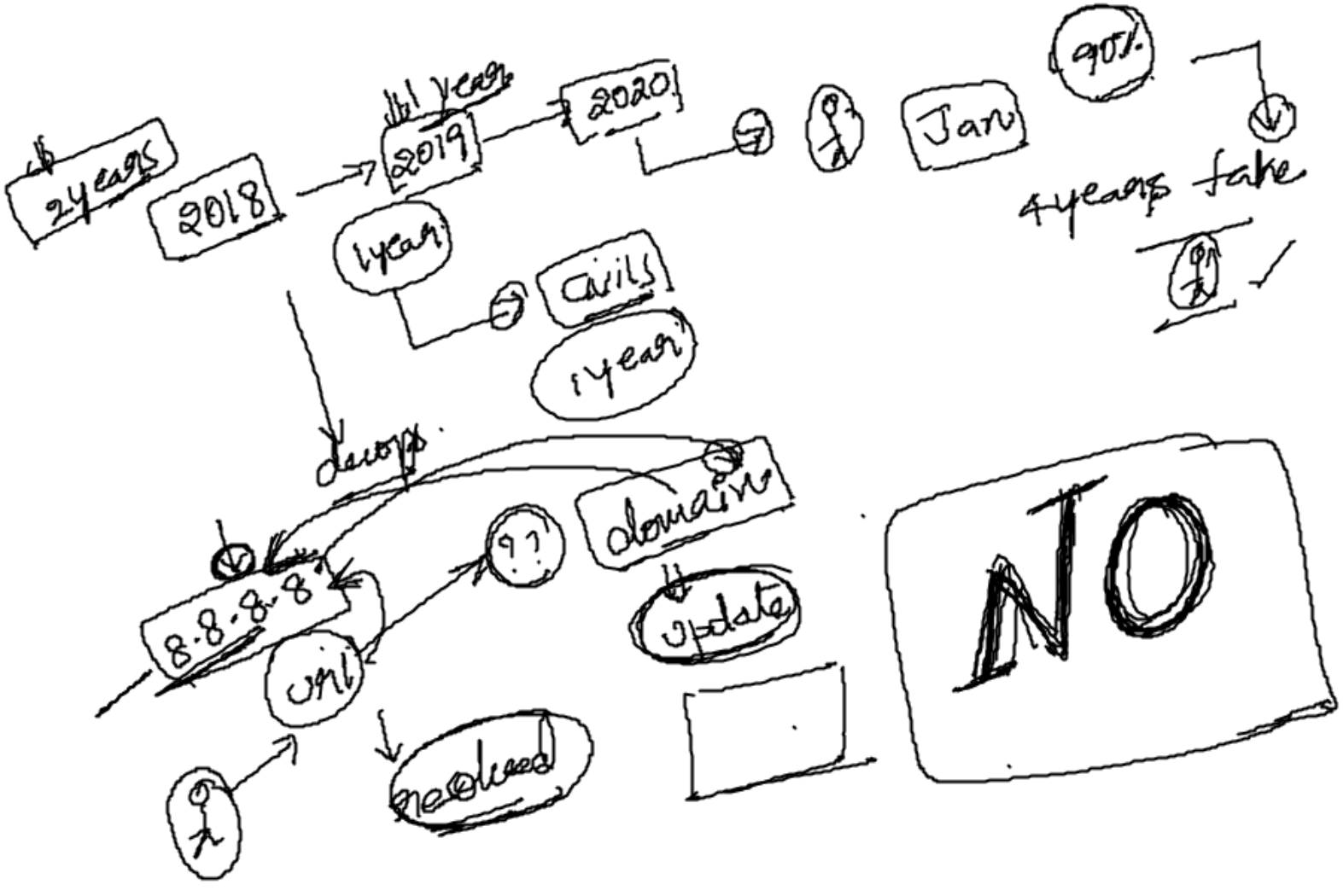

Application LB:-
Sale
items
Gadgets,
electronics
mobile
Appln 7
www.mysite.com
Context
electronics
mobile
clothing
electronics
mobiles clothing
electr
mobiles
medical
S1
S2
S3
electronics
mobi
med
clothing
S4


Layer7 | A.L.B
www.mysite.com
/Contextpath
electronics, mobiles, clothing
Load Balancer
9-11 AM IST
target Groups
/electronics
/mobiles
/clothing
Server4
Server1
Server2
Server3


src1
dest1
f1
f2


100
10 * 10
http://www.mysite.com/
/mobiles
appncode
/electron
appncode
/ ⇒ default website
restart
httpd
/mobiles
/electro
/
server1
httpd
/mobiles
/electro
server2


L.B
/ mobile
Elect
1x4x20
Wtpd
Wtpd
Wtpd
C1
C2
C3
deployment
2
3


2years
2018
1 year
2019
2020
Jan
90%
4years fake
1year
civils
1year
decops
8.8.8.8
domain
??
update
url
resolved
NO