Will start at 9:10PM

1. EBS (Elastic Beanstalk)
2. Deploy our app^n using EBS
3. VPC and Security Groups
4. Deploy our app^n on our own domain name.

product service. naman. dev

EBS (Elastic Beanstalk) → Manager of your complete app^n

EBS -> is a manager of your complete application

There are multiple required for your app to be running

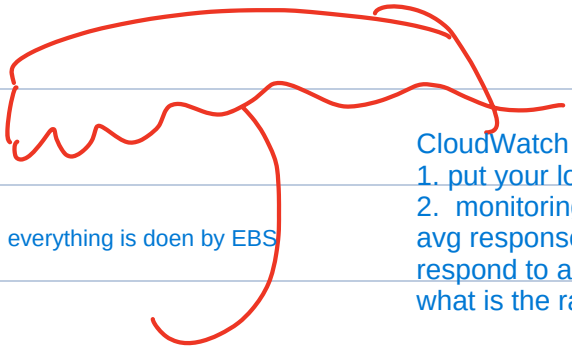
1. go to multiple servers
2. Load Balancer → ELB
   - Add | Remove Servers

When there are multiple servers, you have put a LB in front of them. ELB (Elastic Load Balancer) is a service of AWS and you have to config ELB in AWS and tell them that these are the servers please start working with them. When the load increases or decreases you will have to add servers

3. Read logs → AWS Cloud Watch
4. RDS

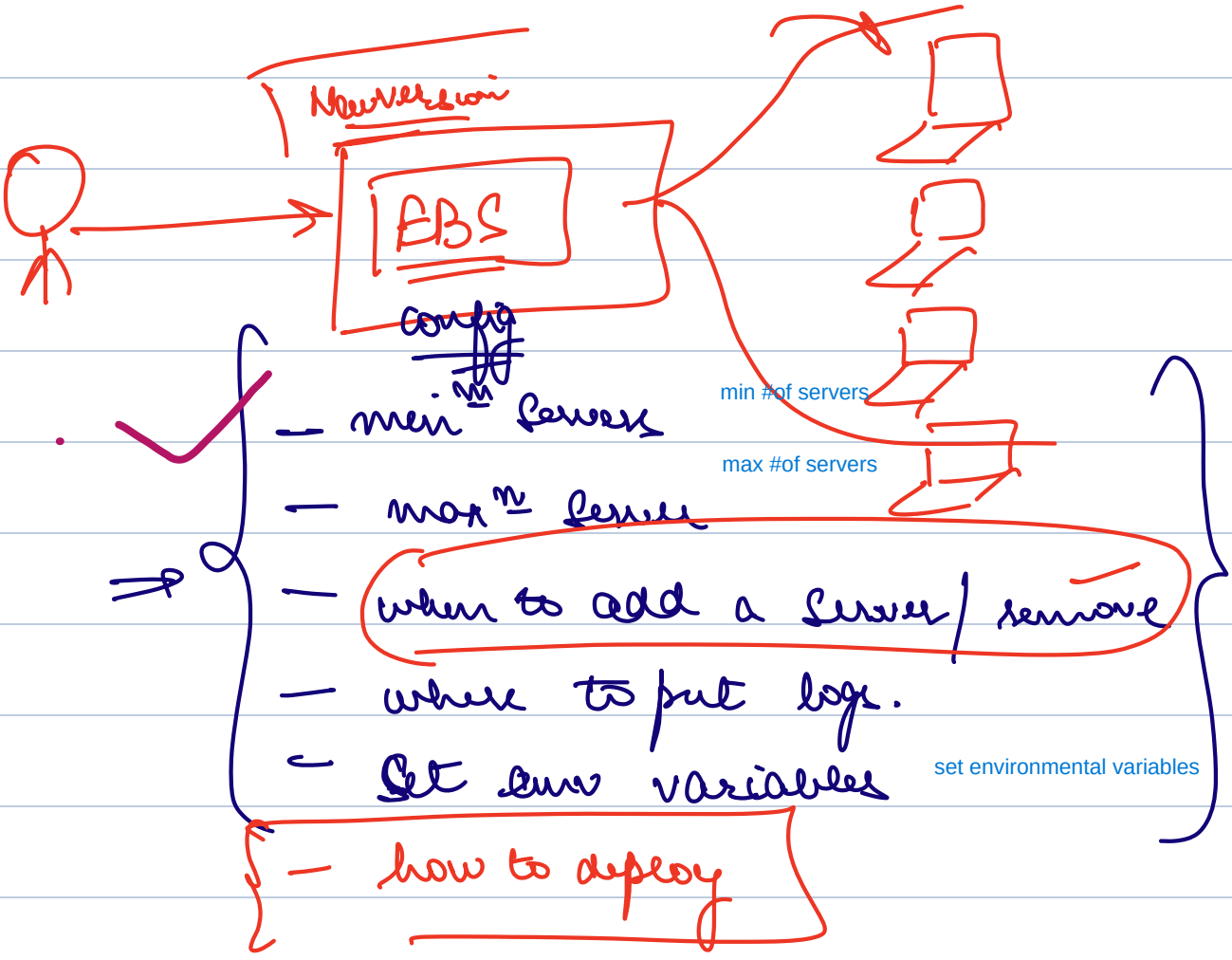
Your application will print a lot of things/ log a lot of things -> whenever you running an application there are a lot of things which will be printed in the console -> they are the log statements. Will you want to store the logs as well -> Yes coz if tomorrow if a problem statement comes up you can go to that particular place where logs are stored and you can find those logs.
Now the service of AWS which allow you to read logs k/a -> AWS Cloud Watch

EBS → Site as an umbrella over other AWS Service



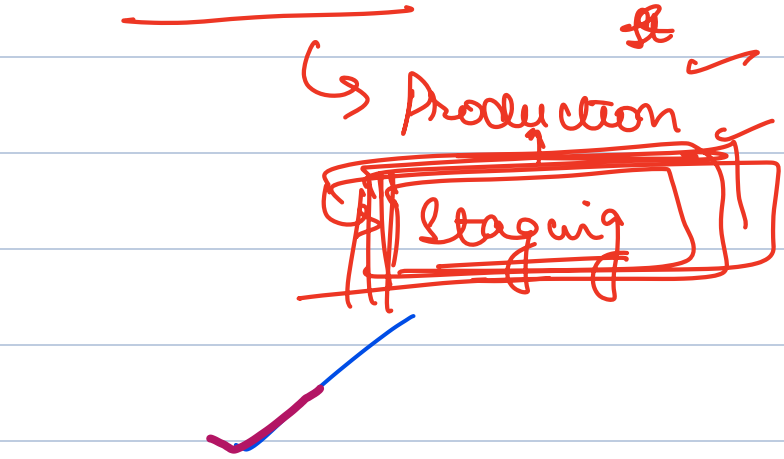
you donot have to create an EC2 instance, everything is doen by EBS

CloudWatch is a service used to :-
1. put your logs as well as,
2. monitoring your applications, eg:- what is the avg response time, how many sec it takes to respond to a request, what is the cpu usage like, what is the ram usage like



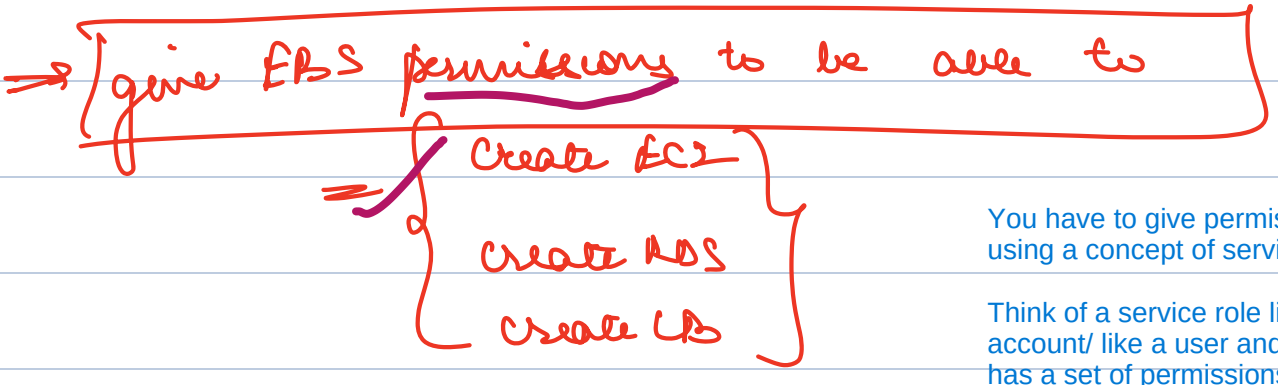
When you have a new version of your application, you need to give EBS -> it will do it for you
It will ask how to deploy, should it deploy parallel to all the servers or one by one
EBS can also revert to a previous version of app

Product Service



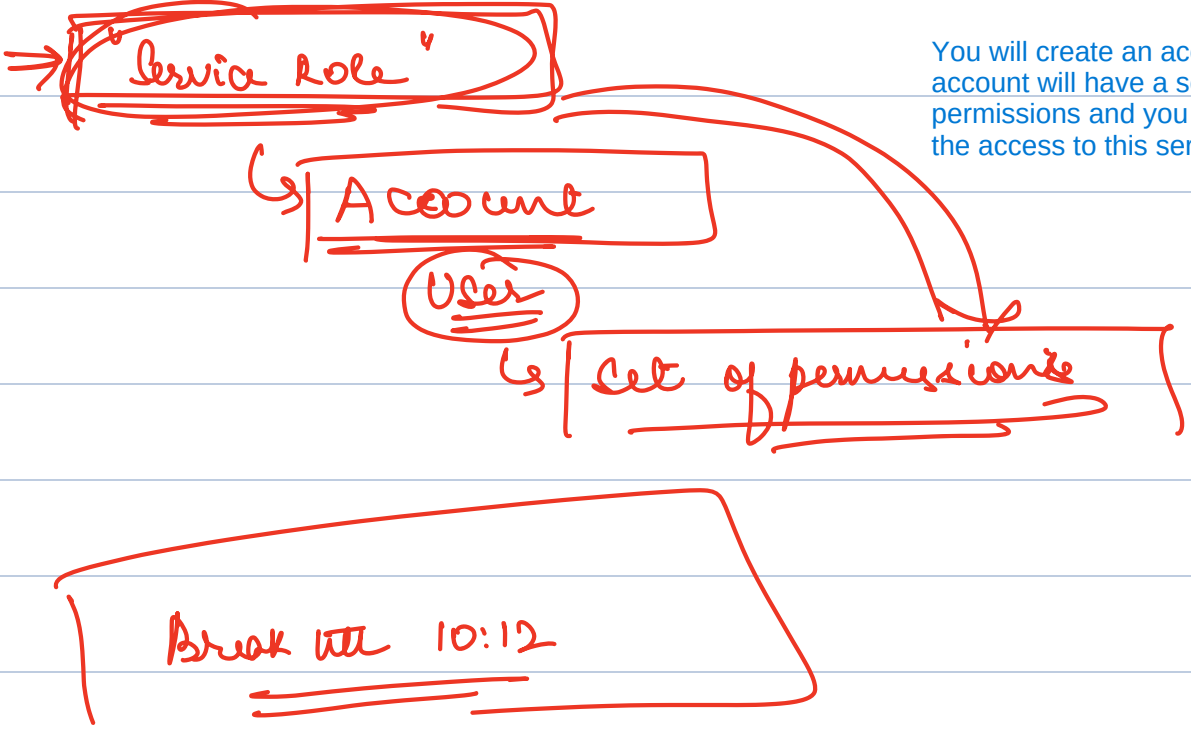
One there would be a Production envt, one there would be a staging envt or pre-pre-prod envt.

In java, you just need to provide a jar file. when you compile your java code -> it gets complied to a jar file.



You have to give permissions to EBS using a concept of service role

Think of a service role like an account/ like a user and this user has a set of permissions



You will create an account/user that account will have a set of permissions and you will give EBS the access to this service role

Break till 10:12