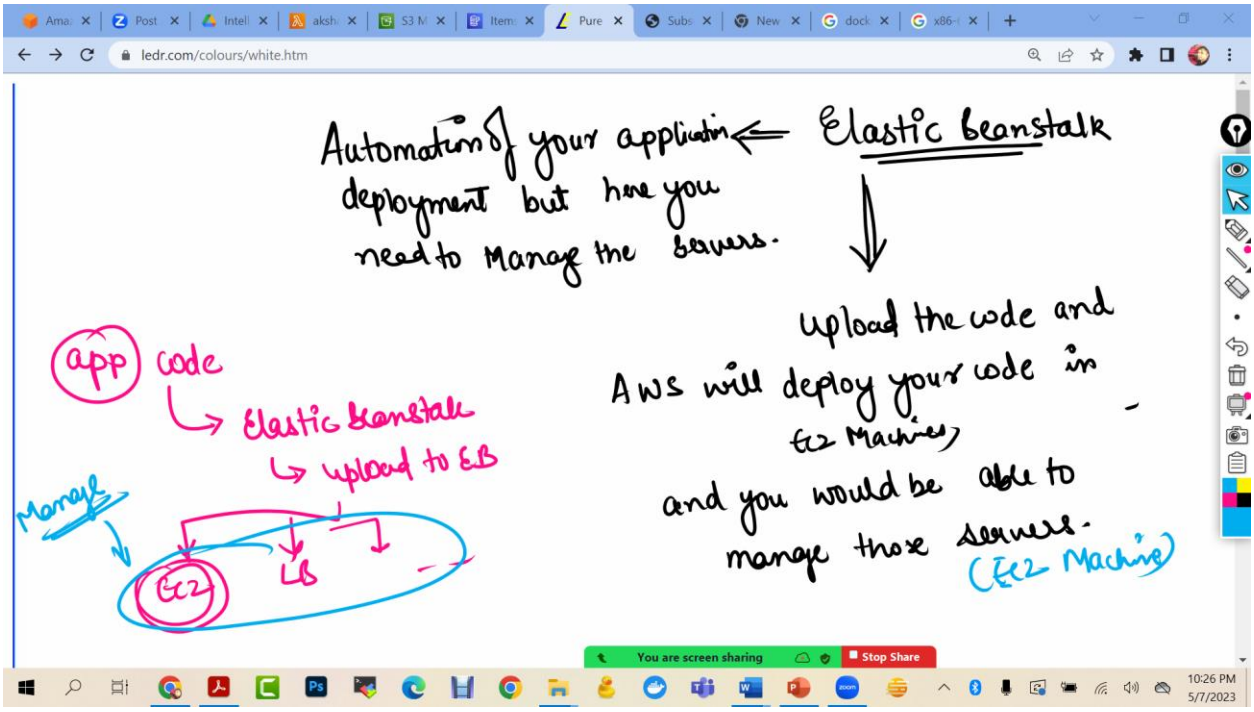
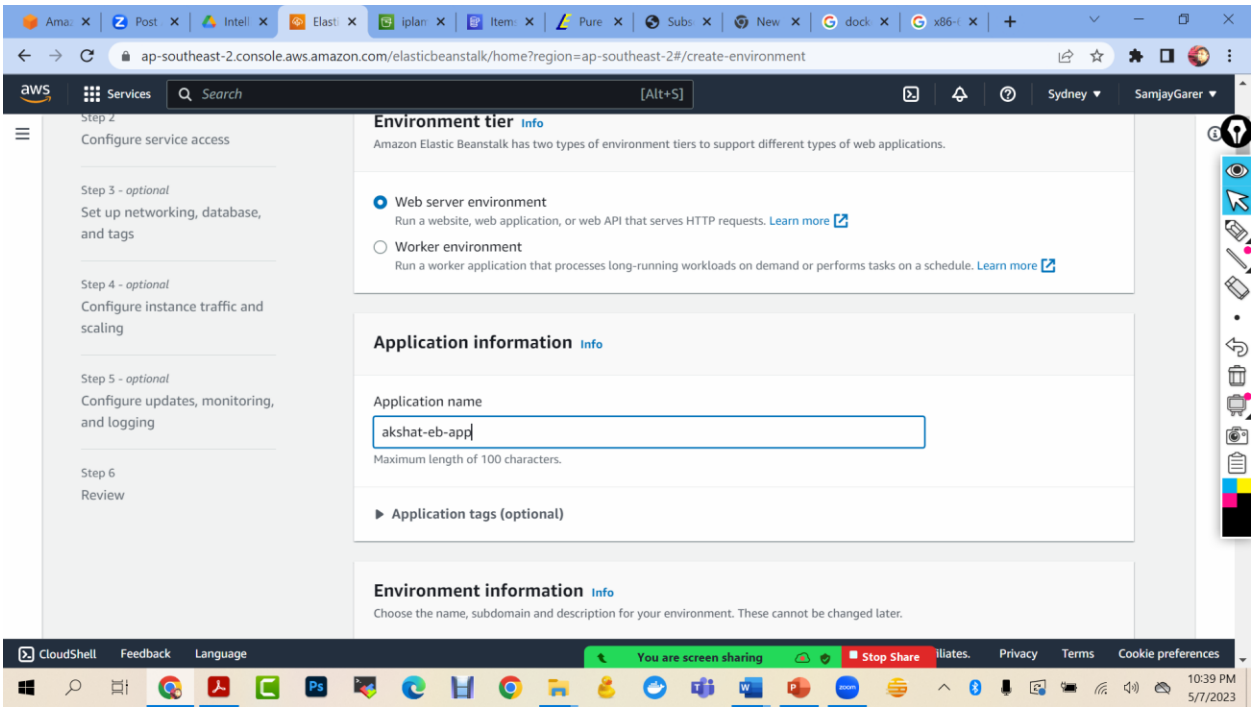
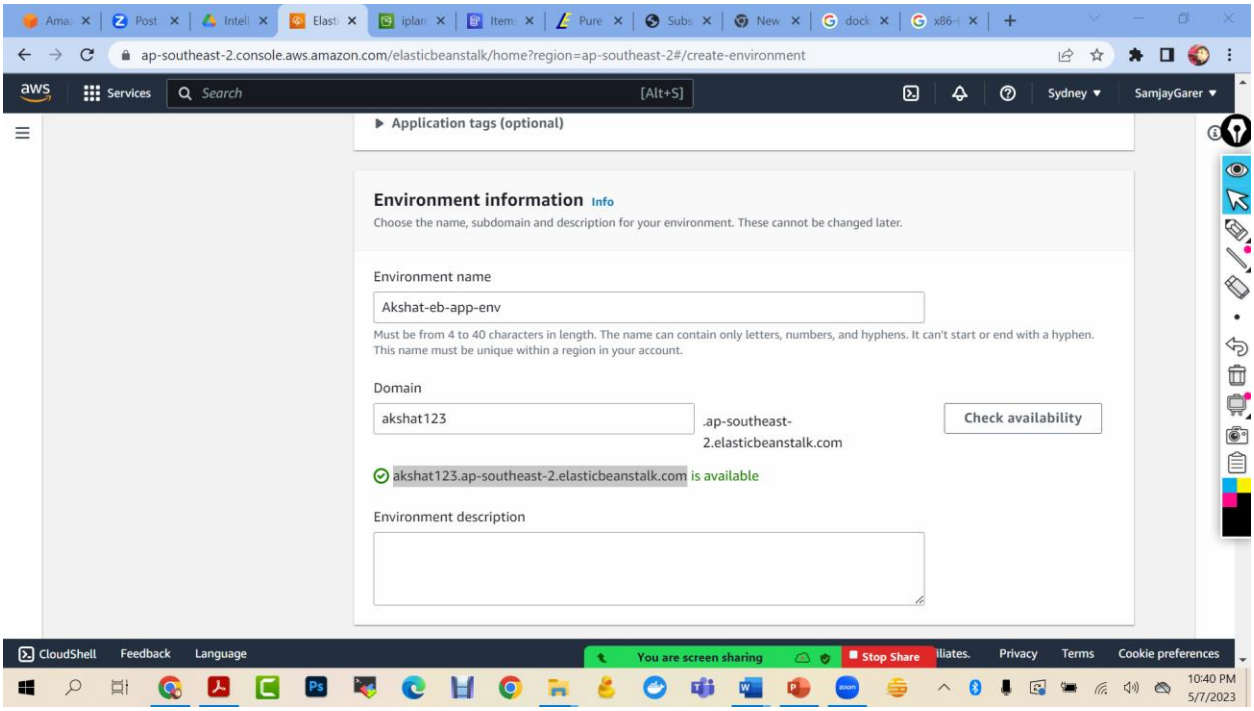
Elastic beanstalk

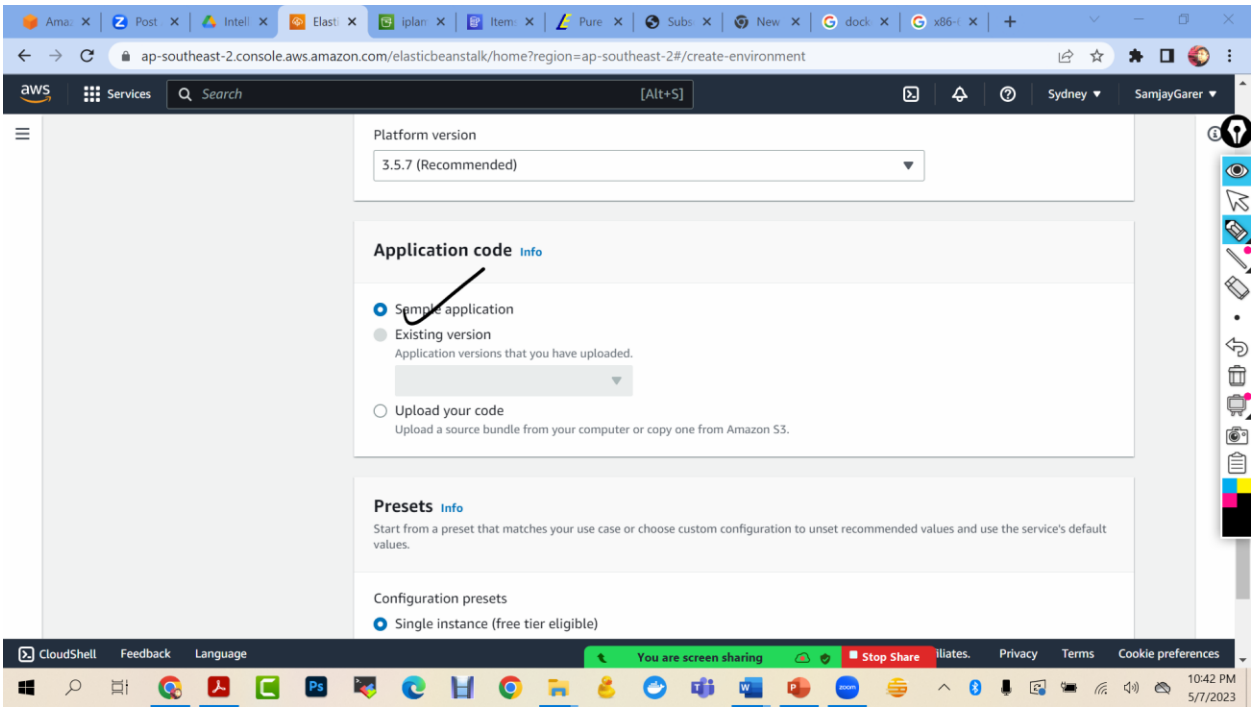


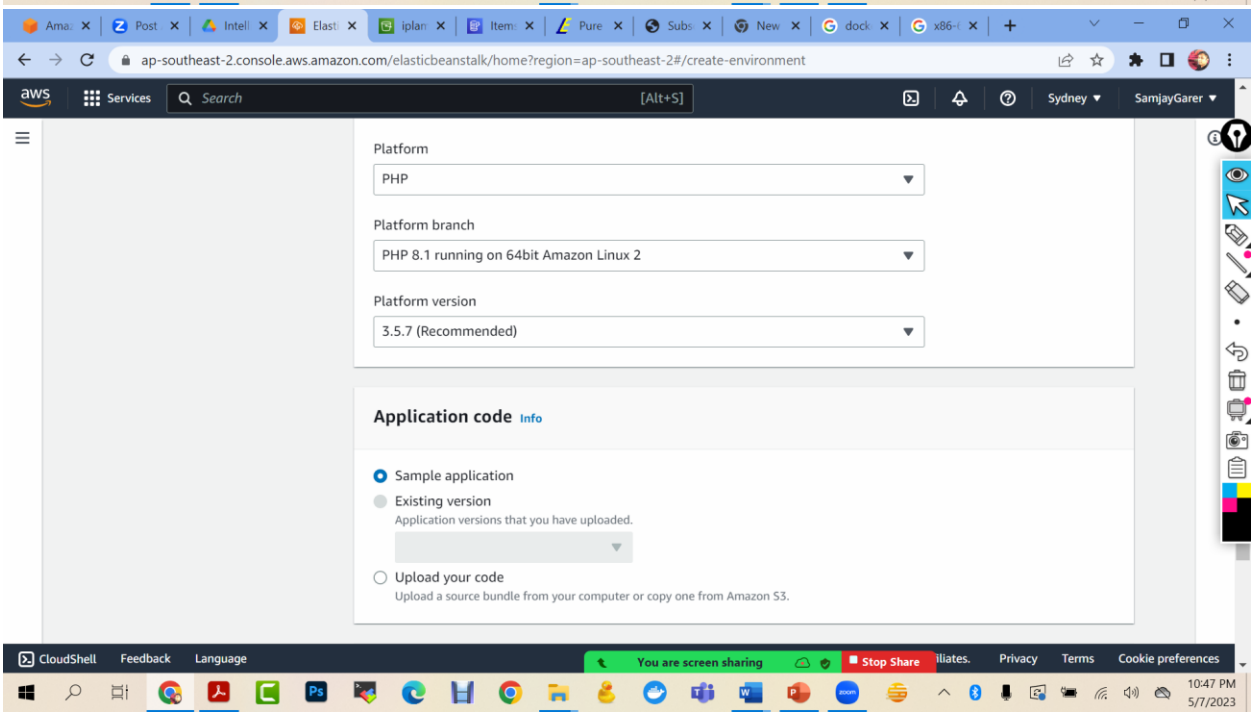
You simply upload your code and Elastic Beanstalk automatically handles the deployment, from capacity provisioning, load balancing, and automatic scaling to web application health monitoring, with ongoing fully managed patch and security

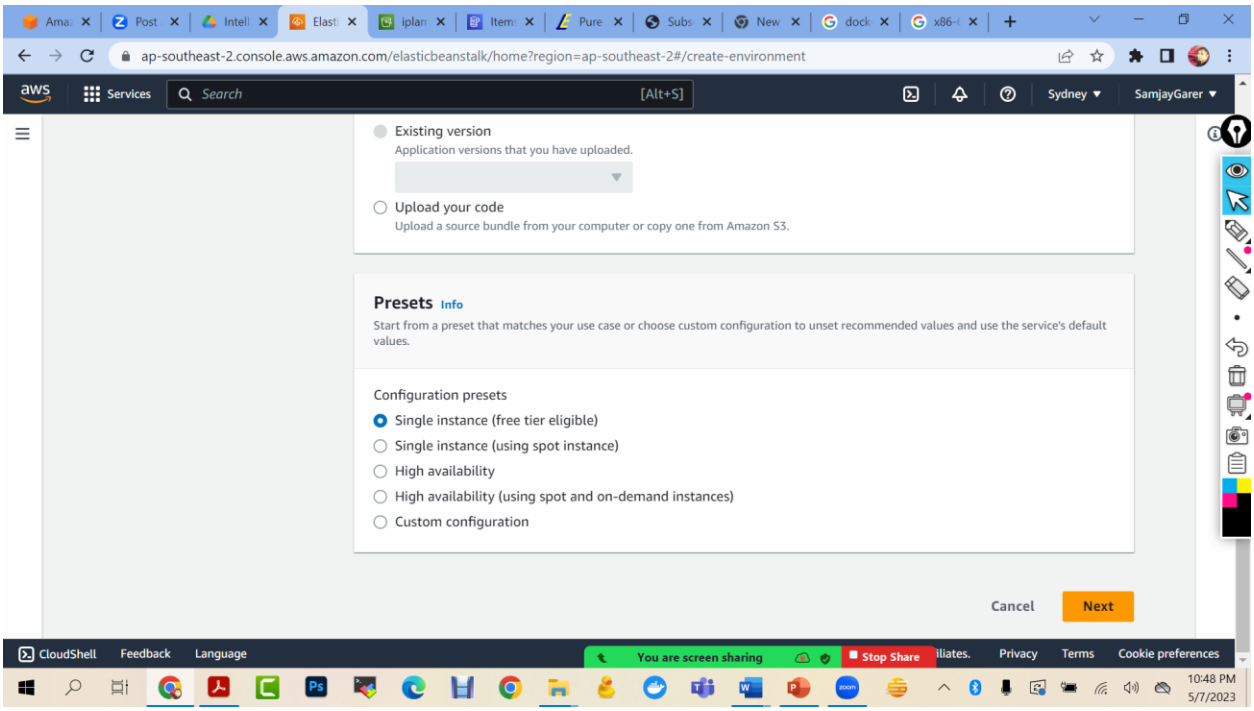
1) Go to elastic beanstalk
2) Create application


ap-southeast-2.console.aws.amazon.com/elasticbeanstalk/home?region=ap-southeast-2#/create-environment
Services
Search
[Alt+S]
Sydney
SamjayGarer
Step 2
Configure service access
Step 3 - optional
Set up networking, database, and tags
Step 4 - optional
Configure instance traffic and scaling
Step 5 - optional
Configure updates, monitoring, and logging
Step 6
Review
Environment tier Info
Amazon Elastic Beanstalk has two types of environment tiers to support different types of web applications.
Web server environment
Run a website, web application, or web API that serves HTTP requests. Learn more
Worker environment
Run a worker application that processes long-running workloads on demand or performs tasks on a schedule. Learn more
Application information Info
Application name
akshat-eb-app
Maximum length of 100 characters.
Application tags (optional)
Environment information Info
Choose the name, subdomain and description for your environment. These cannot be changed later.
CloudShell
Feedback
Language
You are screen sharing
Stop Share
Privacy
Terms
Cookie preferences
10:39 PM
5/7/2023

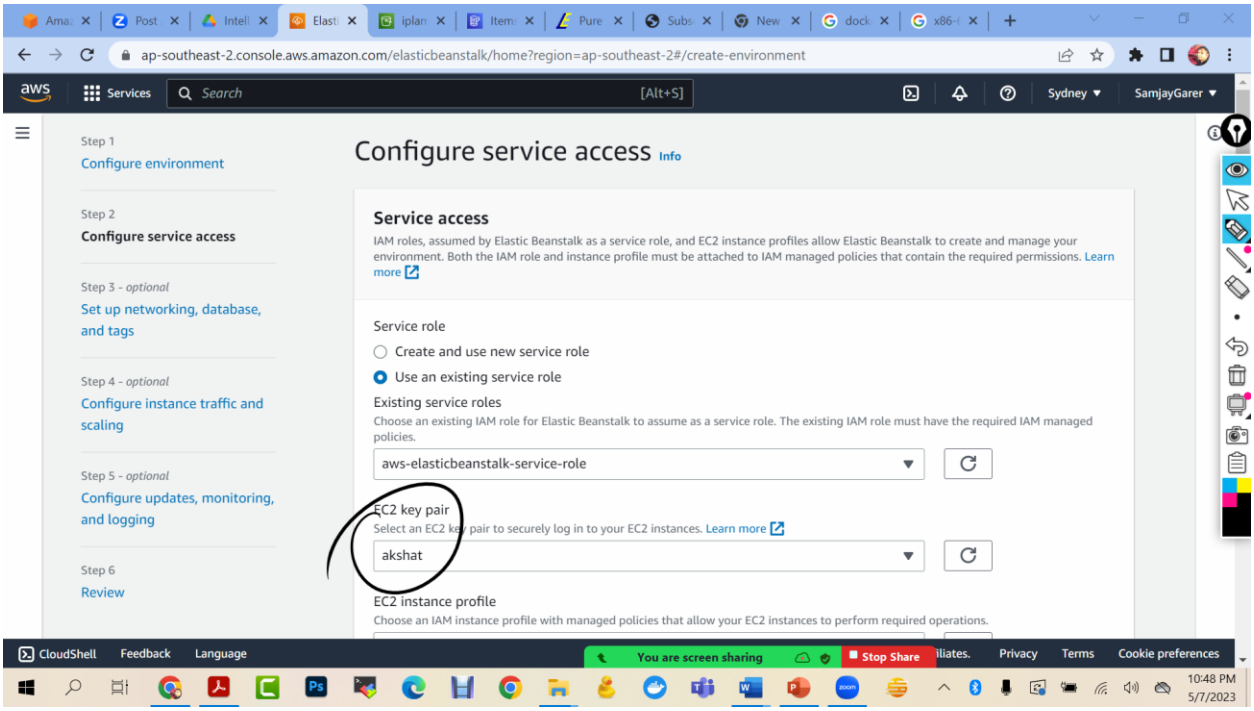

ap-southeast-2.console.aws.amazon.com/elasticbeanstalk/home?region=ap-southeast-2#/create-environment
Services
Search
[Alt+S]
Sydney
SamjayGarer
Application tags (optional)
Environment information Info
Choose the name, subdomain and description for your environment. These cannot be changed later.
Environment name
Akshat-eb-app-env
Must be from 4 to 40 characters in length. The name can contain only letters, numbers, and hyphens. It can't start or end with a hyphen. This name must be unique within a region in your account.
Domain
akshat123
.ap-southeast-2.elasticbeanstalk.com
Check availability
akshat123.ap-southeast-2.elasticbeanstalk.com is available
Environment description
CloudShell
Feedback
Language
You are screen sharing
Stop Share
Privacy
Terms
Cookie preferences
10:40 PM
5/7/2023


ap-southeast-2.console.aws.amazon.com/elasticbeanstalk/home?region=ap-southeast-2#/create-environment
Services
Search
[Alt+S]
Sydney
SamjayGarer
Platform version
3.5.7 (Recommended)
Application code Info
Sample application
Existing version
Application versions that you have uploaded.
Upload your code
Upload a source bundle from your computer or copy one from Amazon S3.
Presets Info
Start from a preset that matches your use case or choose custom configuration to unset recommended values and use the service's default values.
Configuration presets
Single instance (free tier eligible)
CloudShell
Feedback
Language
You are screen sharing
Stop Share
Privacy
Terms
Cookie preferences
10:42 PM
5/7/2023


ap-southeast-2.console.aws.amazon.com/elasticbeanstalk/home?region=ap-southeast-2#/create-environment
Services
Search
[Alt+S]
Sydney
SamjayGarer
Platform
PHP
Platform branch
PHP 8.1 running on 64bit Amazon Linux 2
Platform version
3.5.7 (Recommended)
Application code Info
Sample application
Existing version
Application versions that you have uploaded.
Upload your code
Upload a source bundle from your computer or copy one from Amazon S3.
CloudShell
Feedback
Language
You are screen sharing
Stop Share
Privacy
Terms
Cookie preferences
10:47 PM
5/7/2023


ap-southeast-2.console.aws.amazon.com/elasticbeanstalk/home?region=ap-southeast-2#/create-environment
Existing version
Application versions that you have uploaded.
Upload your code
Upload a source bundle from your computer or copy one from Amazon S3.
Presets Info
Start from a preset that matches your use case or choose custom configuration to unset recommended values and use the service's default values.
Configuration presets
Single instance (free tier eligible)
Single instance (using spot instance)
High availability
High availability (using spot and on-demand instances)
Custom configuration
Cancel
Next

Next


ap-southeast-2.console.aws.amazon.com/elasticbeanstalk/home?region=ap-southeast-2#/create-environment
Step 1
Configure environment
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Configure service access
Step 3 - optional
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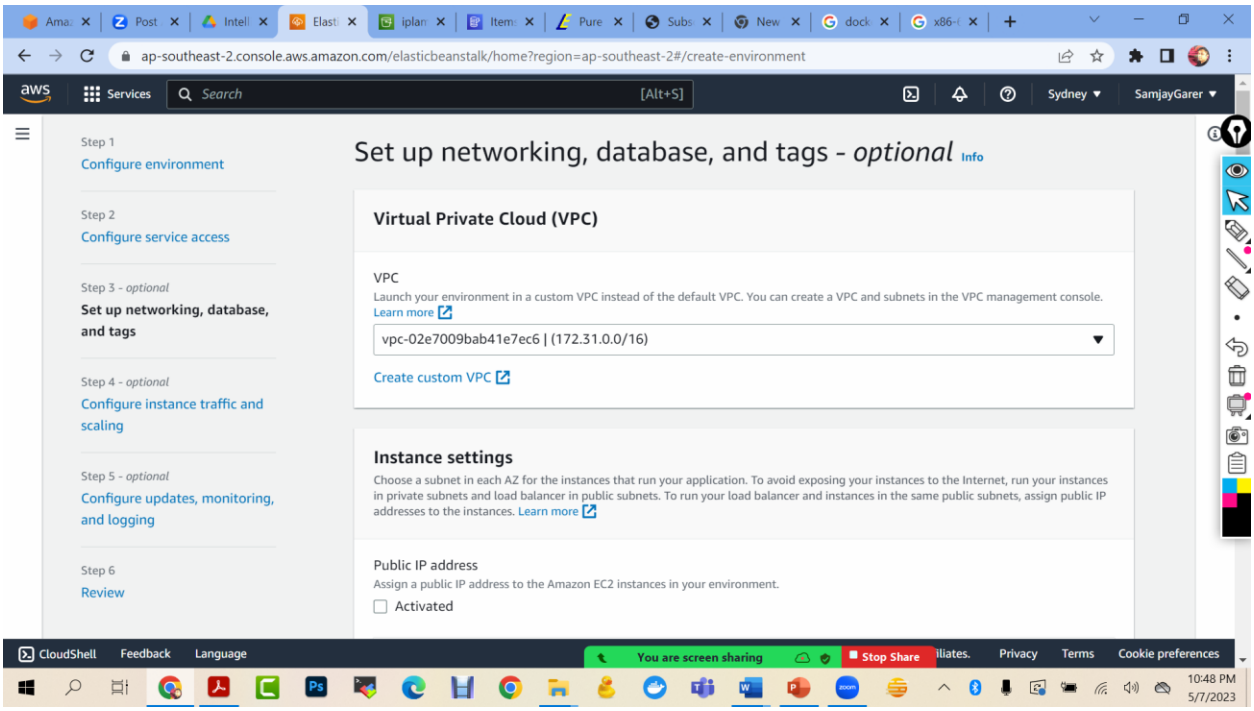
Step 5 - optional
Configure updates, monitoring, and logging
Step 6
Review
Configure service access Info
Service access
IAM roles, assumed by Elastic Beanstalk as a service role, and EC2 instance profiles allow Elastic Beanstalk to create and manage your environment. Both the IAM role and instance profile must be attached to IAM managed policies that contain the required permissions. Learn more
Service role
Create and use new service role
Use an existing service role
Existing service roles
Choose an existing IAM role for Elastic Beanstalk to assume as a service role. The existing IAM role must have the required IAM managed policies.
aws-elasticbeanstalk-service-role
EC2 key pair
Select an EC2 key pair to securely log in to your EC2 instances. Learn more
akshat
EC2 instance profile
Choose an IAM instance profile with managed policies that allow your EC2 instances to perform required operations.

Next


ap-southeast-2.console.aws.amazon.com/elasticbeanstalk/home?region=ap-southeast-2#/create-environment
aws
Services
Search
[Alt+S]
Sydney
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Step 1
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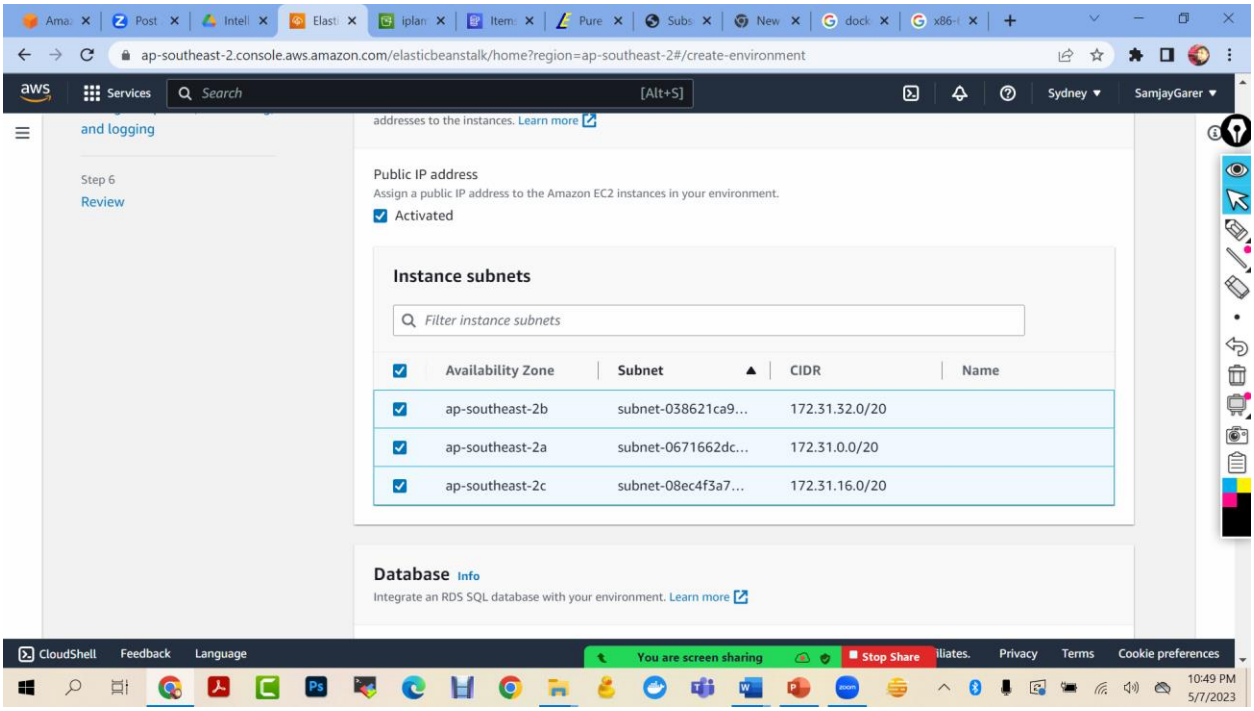
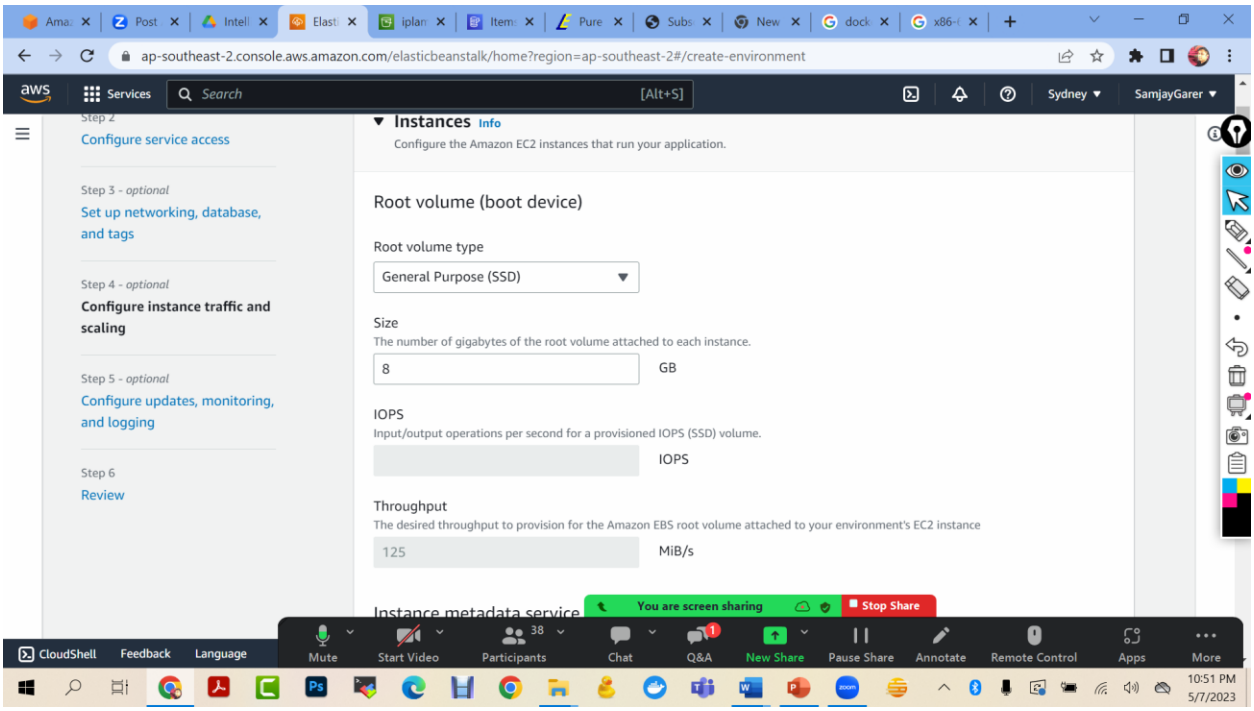
Configure updates, monitoring, and logging
Step 6
Review
Set up networking, database, and tags - optional Info
Virtual Private Cloud (VPC)
VPC
Launch your environment in a custom VPC instead of the default VPC. You can create a VPC and subnets in the VPC management console.
Learn more
vpc-02e7009bab41e7ec6 | (172.31.0.0/16)
Create custom VPC
Instance settings
Choose a subnet in each AZ for the instances that run your application. To avoid exposing your instances to the Internet, run your instances in private subnets and load balancer in public subnets. To run your load balancer and instances in the same public subnets, assign public IP addresses to the instances. Learn more
Public IP address
Assign a public IP address to the Amazon EC2 instances in your environment.
Activated
CloudShell
Feedback
Language
You are screen sharing
Stop Share
Privacy
Terms
Cookie preferences
10:48 PM
5/7/2023


ap-southeast-2.console.aws.amazon.com/elasticbeanstalk/home?region=ap-southeast-2#/create-environment
aws
Services
Search
[Alt+S]
Sydney
SamjayGarer
and logging
Step 6
Review
addresses to the instances. Learn more
Public IP address
Assign a public IP address to the Amazon EC2 instances in your environment.
Activated
Instance subnets
Filter instance subnets
Availability Zone
Subnet
CIDR
Name
ap-southeast-2b
subnet-038621ca9...
172.31.32.0/20
ap-southeast-2a
subnet-0671662dc...
172.31.0.0/20
ap-southeast-2c
subnet-08ec4f3a7...
172.31.16.0/20
Database Info
Integrate an RDS SQL database with your environment. Learn more
CloudShell
Feedback
Language
You are screen sharing
Stop Share
Privacy
Terms
Cookie preferences
10:49 PM
5/7/2023



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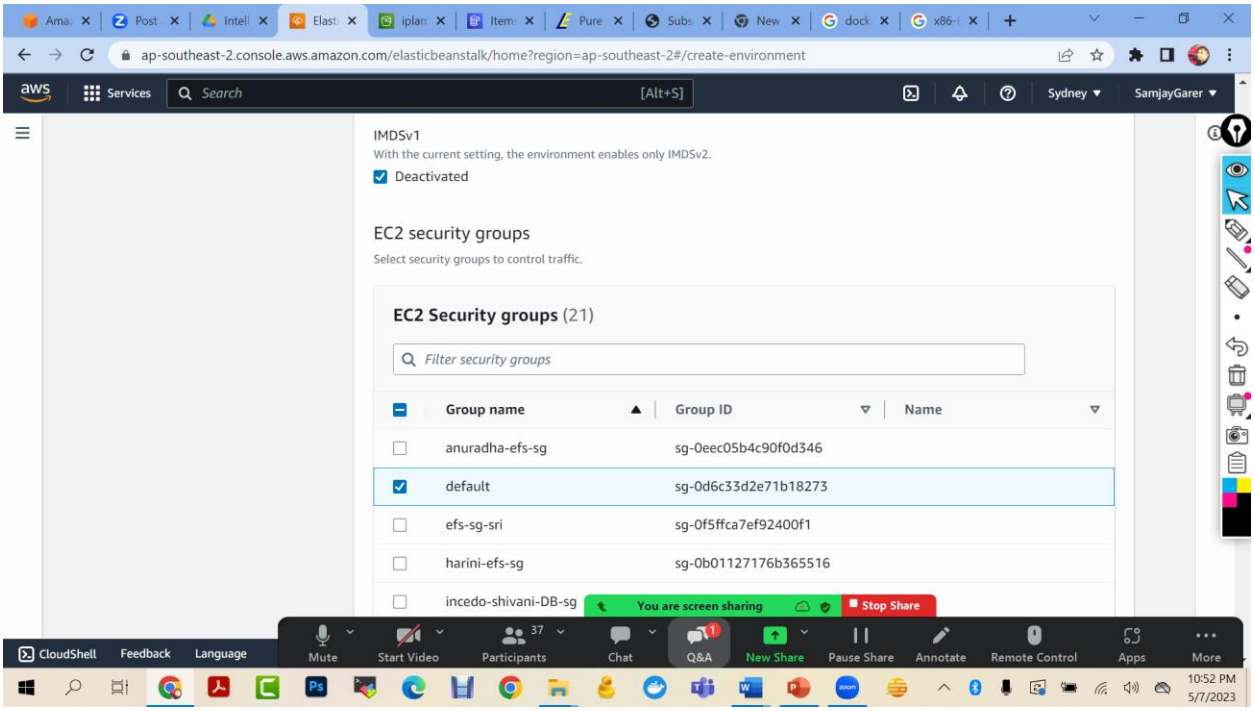
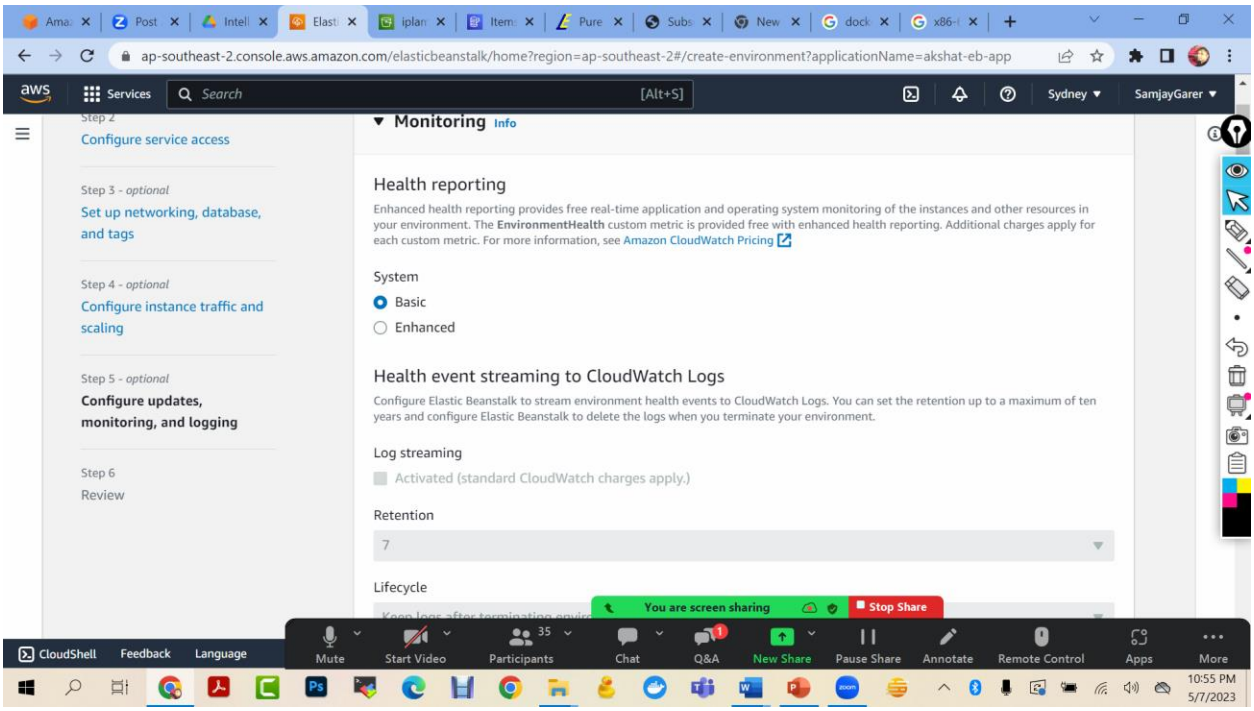
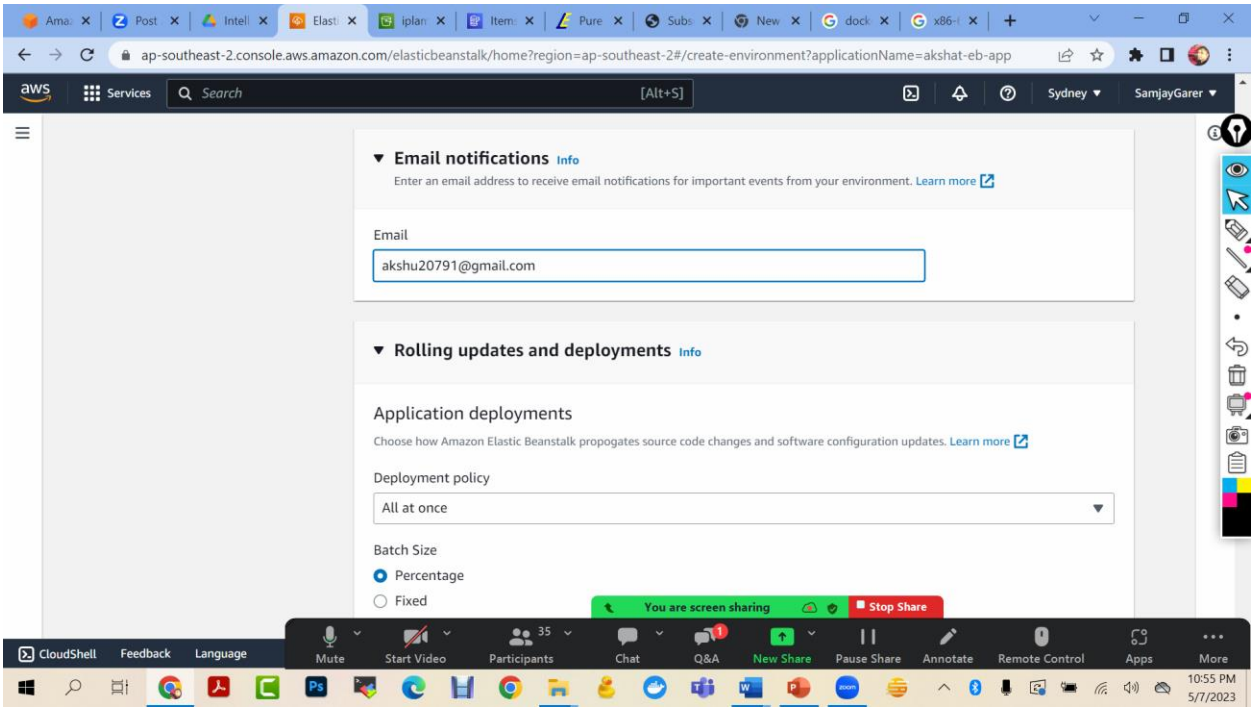


Click on next





Next
Deselect the network security

Submit

It will create the environment and you can access the sample app via the link