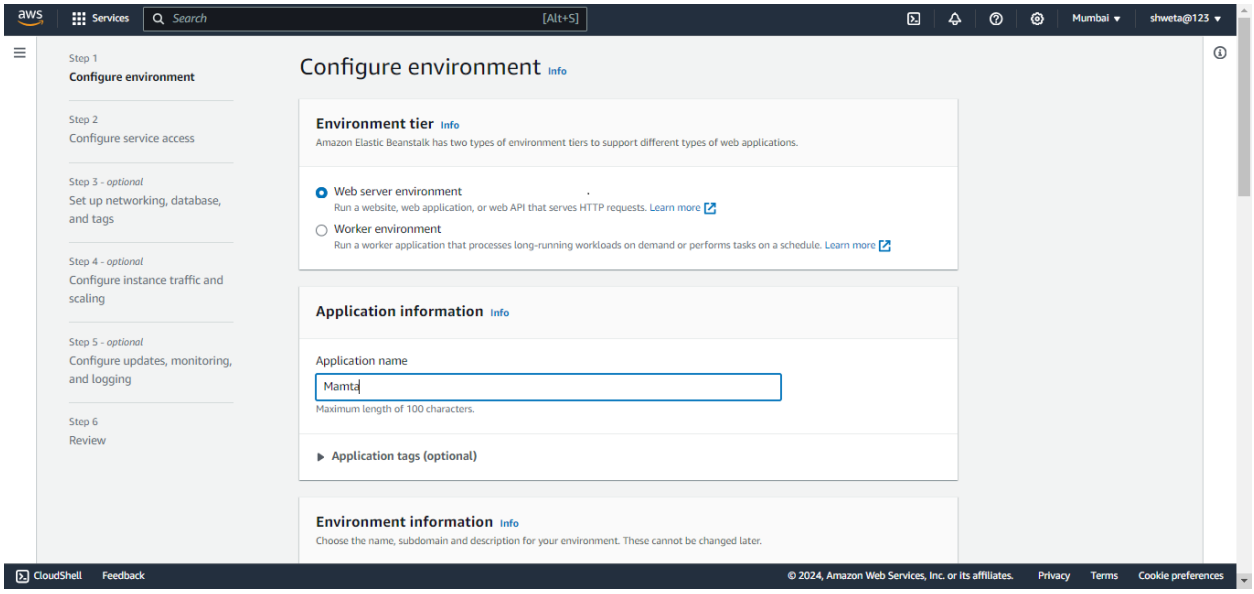
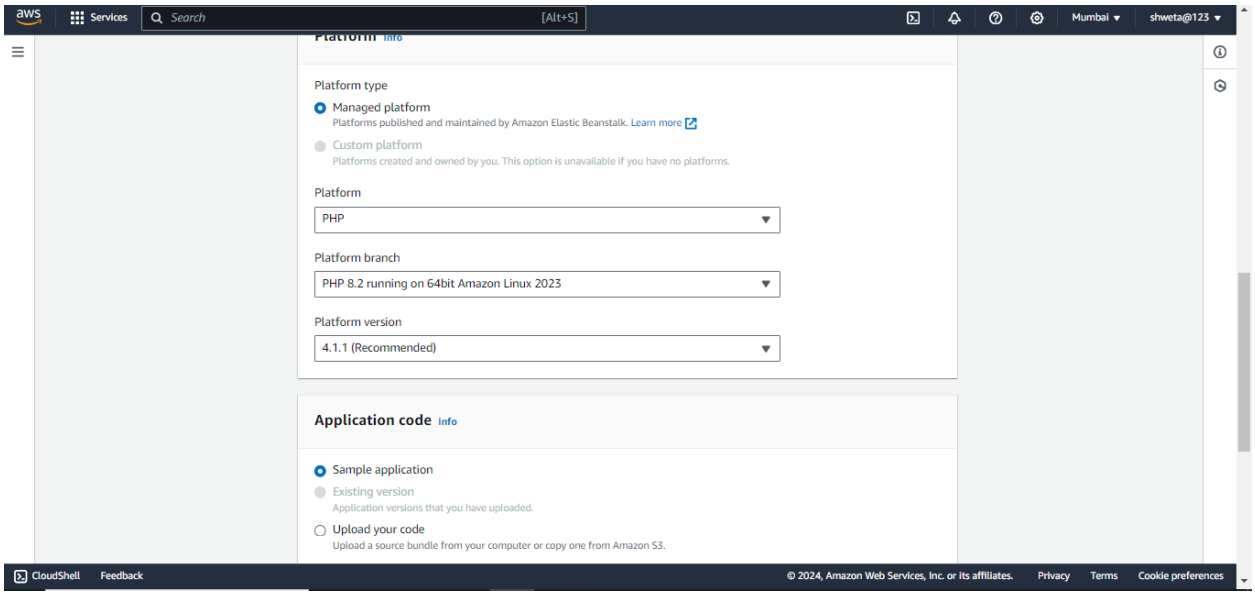
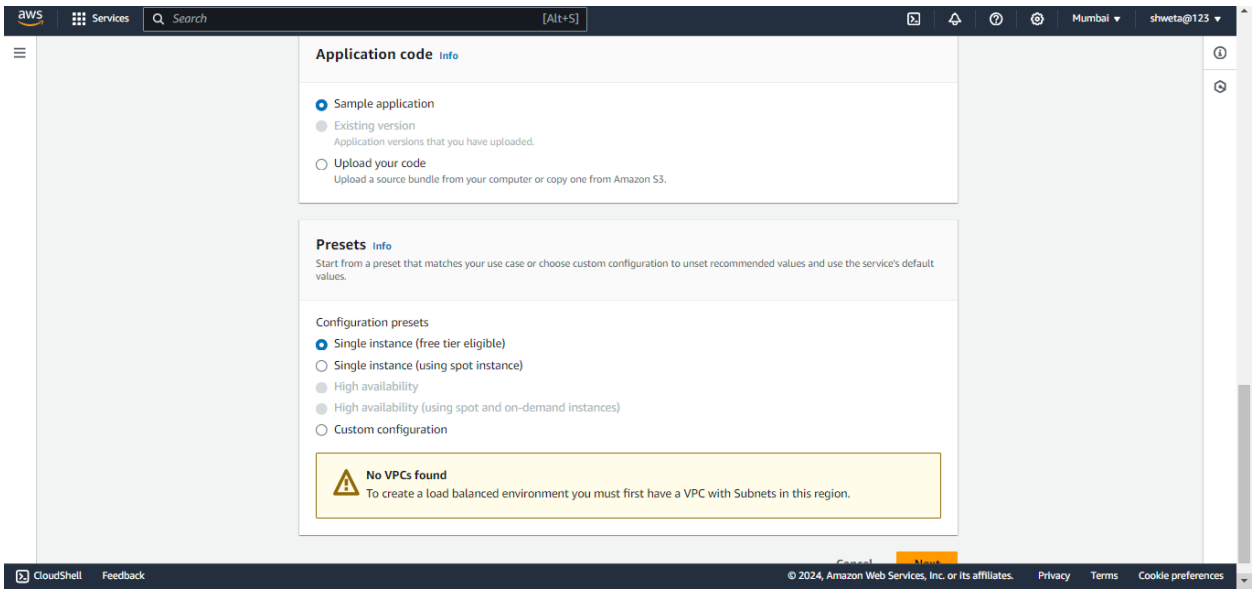
DEPLOY AND HOST A WEBSITE USING ELASTIC BEANSTALK

- **Open the elastic beanstalk and in the region list select aws region.In the navigation panel choose environment and then choose the name of the environment.**

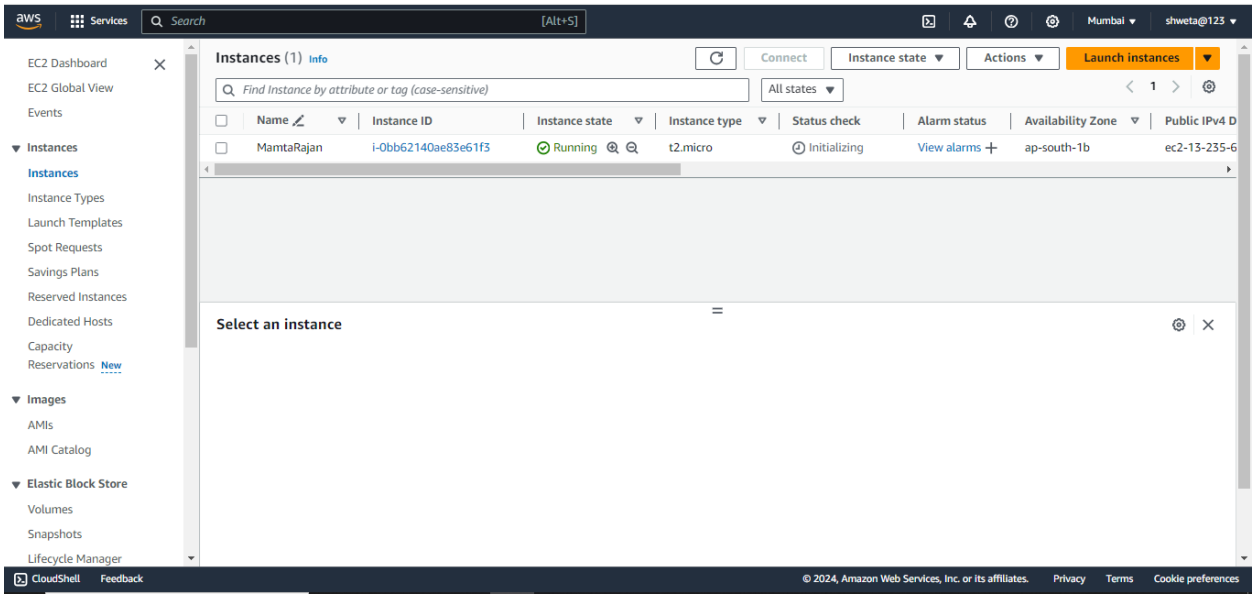


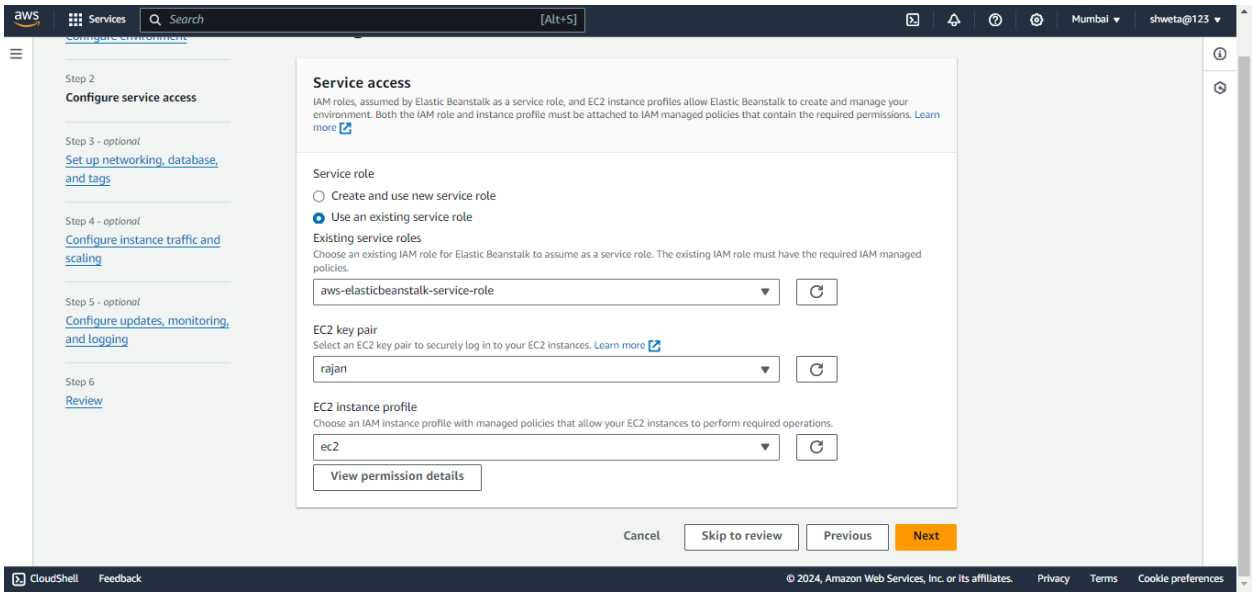
- Choose the platform in the platform type and select managed platform and the presets is single instance.


aws
Services
Search
[Alt+S]
Mumbai
shweta@123
Platform type
Managed platform
Platforms published and maintained by Amazon Elastic Beanstalk. Learn more
Custom platform
Platforms created and owned by you. This option is unavailable if you have no platforms.
Platform
PHP
Platform branch
PHP 8.2 running on 64bit Amazon Linux 2023
Platform version
4.1.1 (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
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences

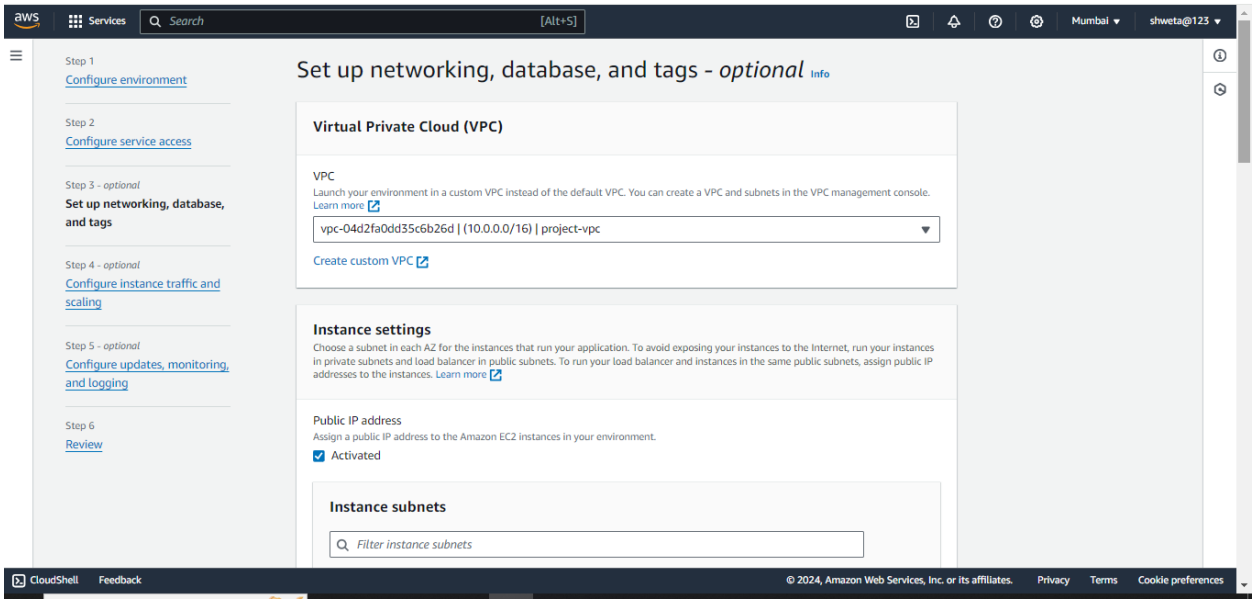

aws
Services
Search
[Alt+S]
Mumbai
shweta@123
Application code Info
Sample application
Existing version
Application versions that you have uploaded.
Upload your code
Upload a source bundle from your computer or copy one from Amazon S3.
Presets Info
Start from a preset that matches your use case or choose custom configuration to unset recommended values and use the service's default values.
Configuration presets
Single instance (free tier eligible)
Single instance (using spot instance)
High availability
High availability (using spot and on-demand instances)
Custom configuration
No VPCs found
To create a load balanced environment you must first have a VPC with Subnets in this region.
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences

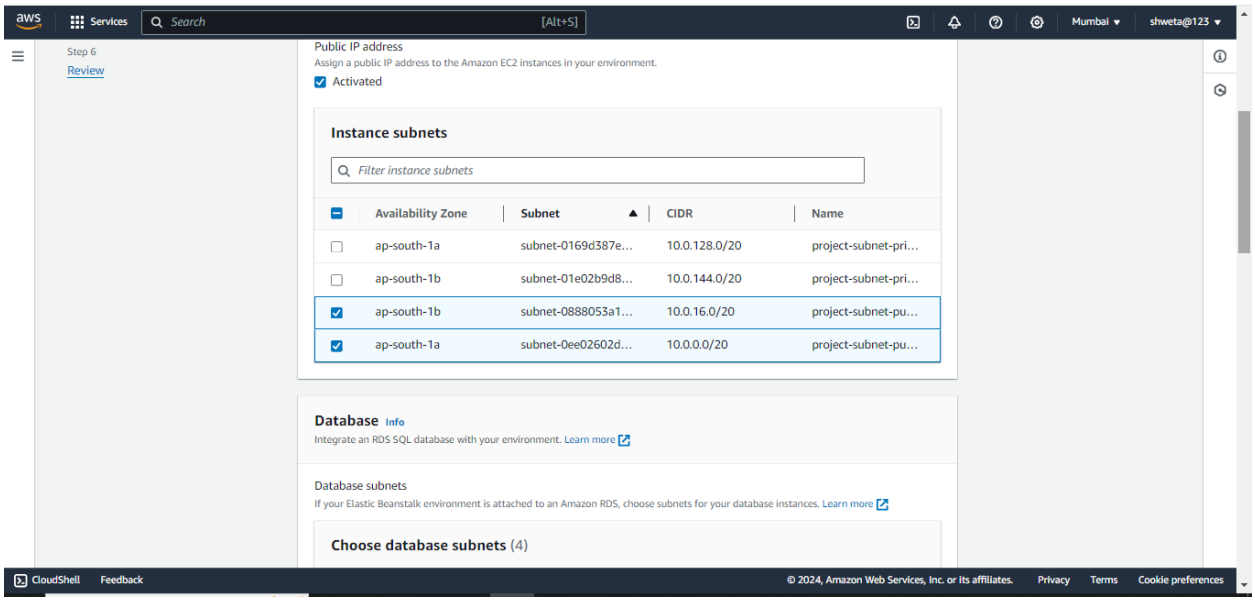
- Launch an ec2 instance



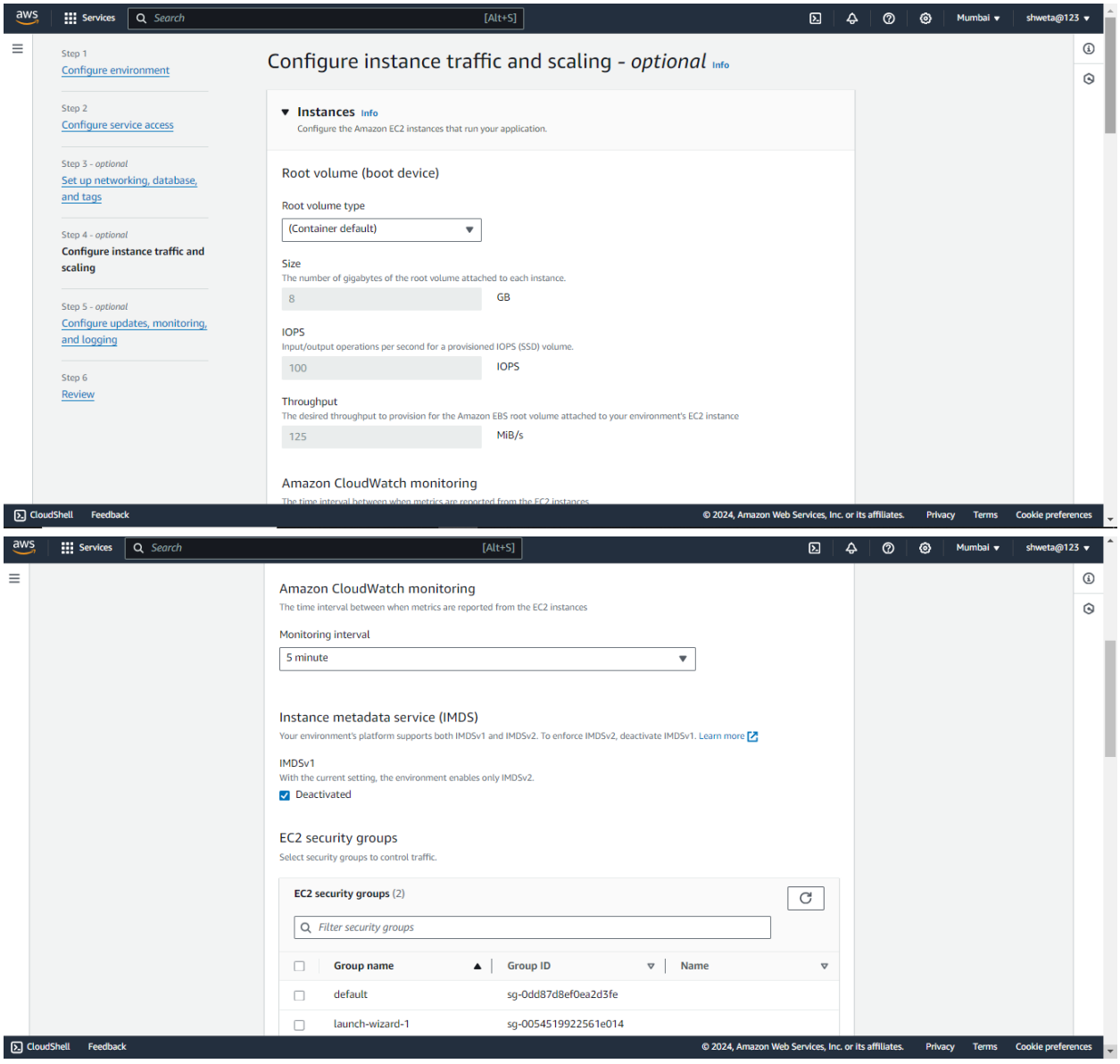


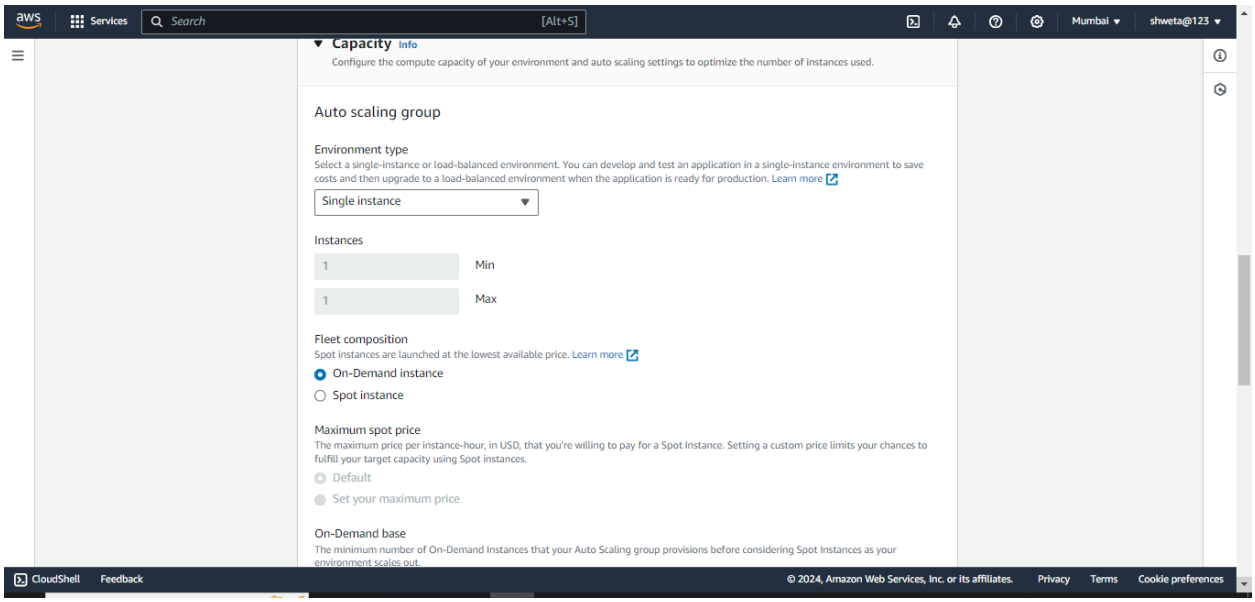
- Add a vpc and activate public ip address and select two public subnets.



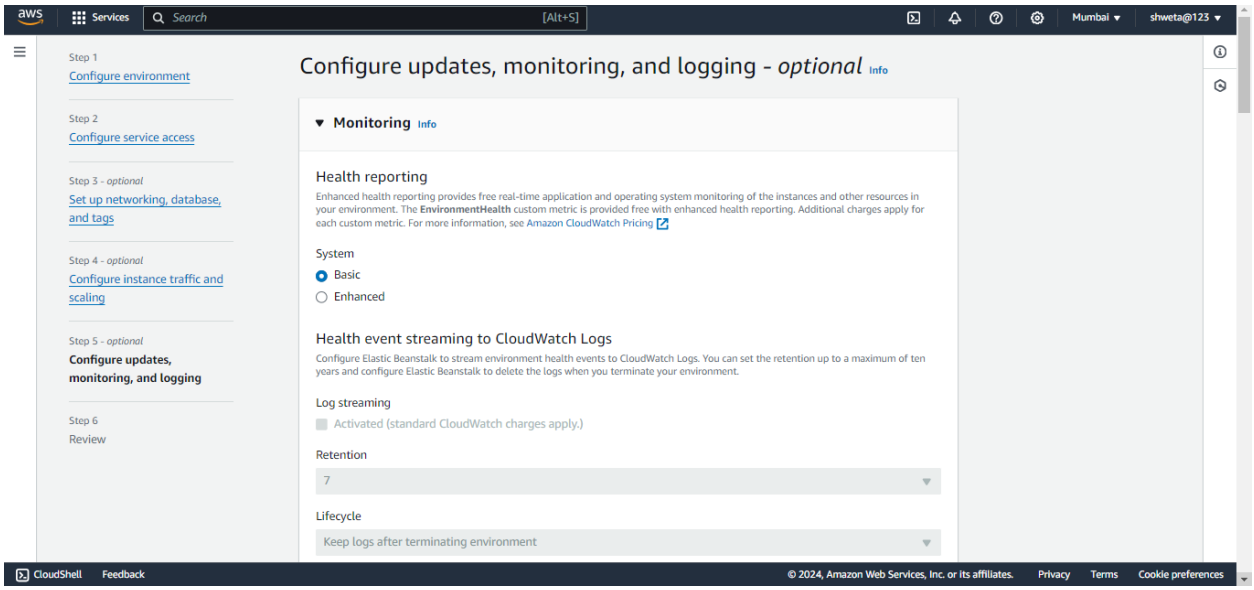


- The root volume, amazon cloud watch monitoring and auto scaling group are selected by default.

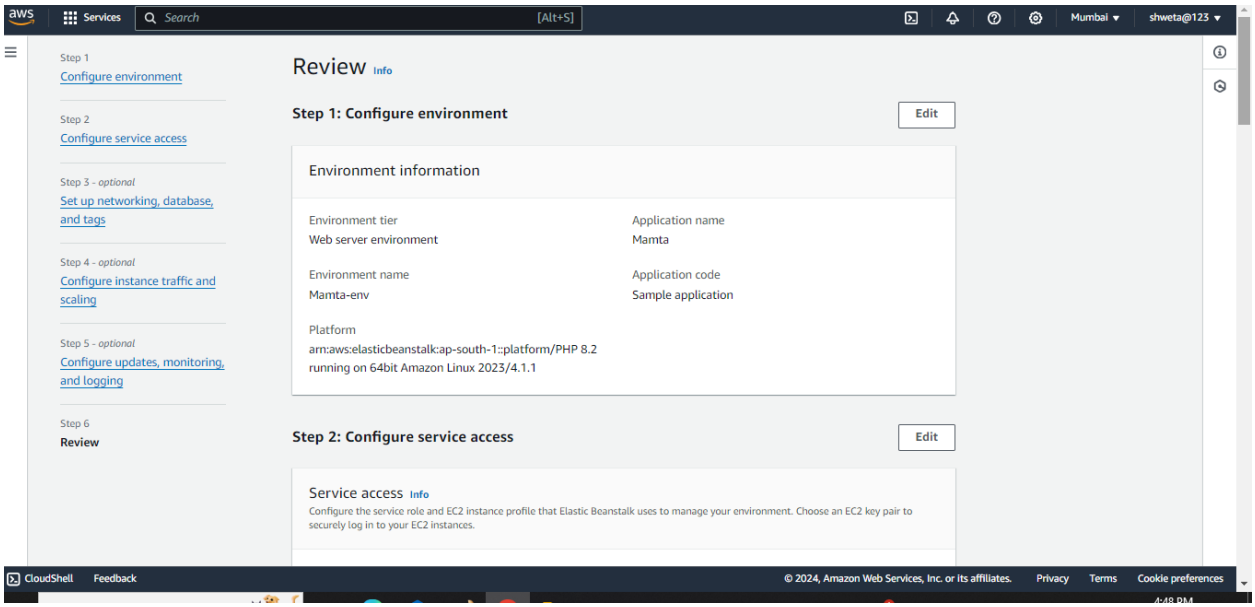


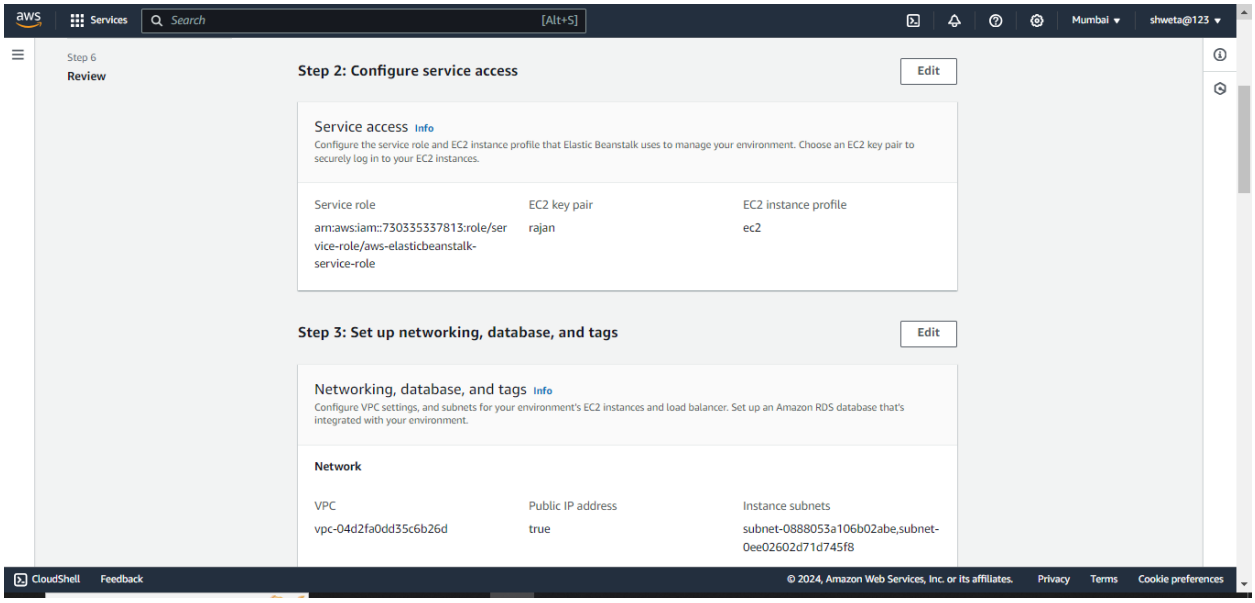


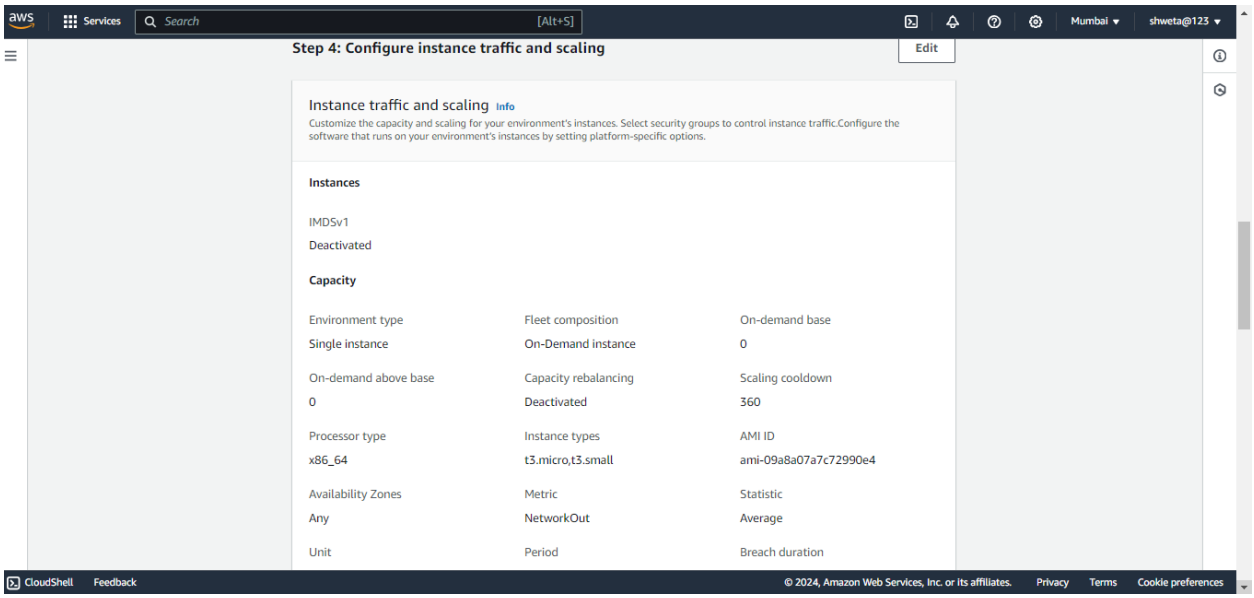
- In health monitoring select basic system.

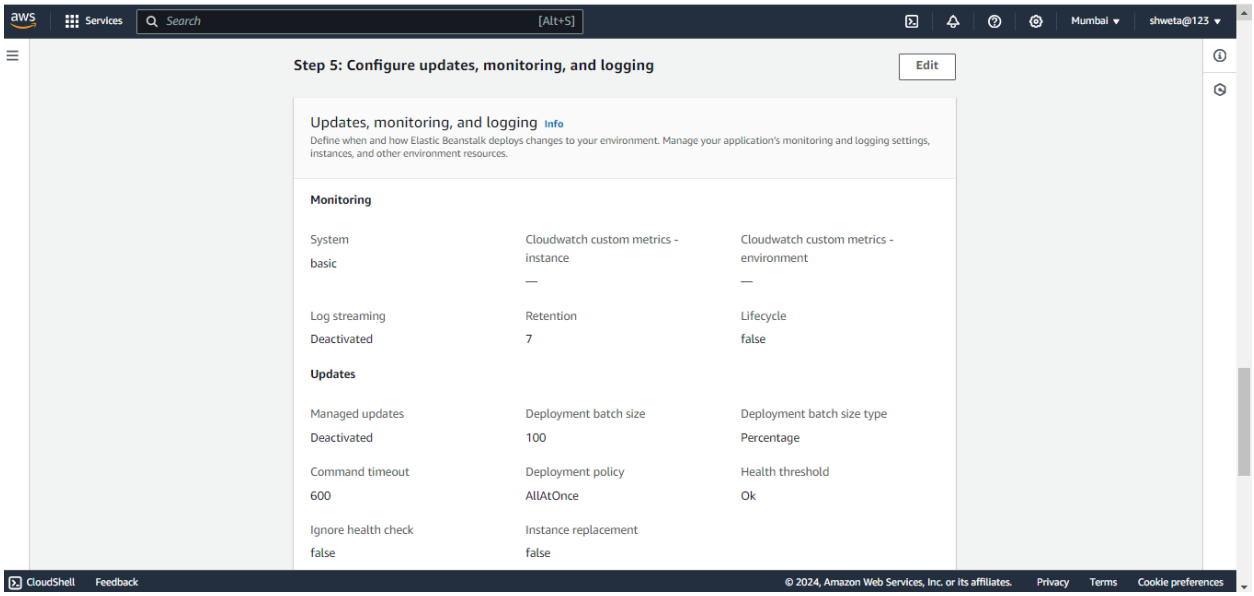


- Review the whole process.

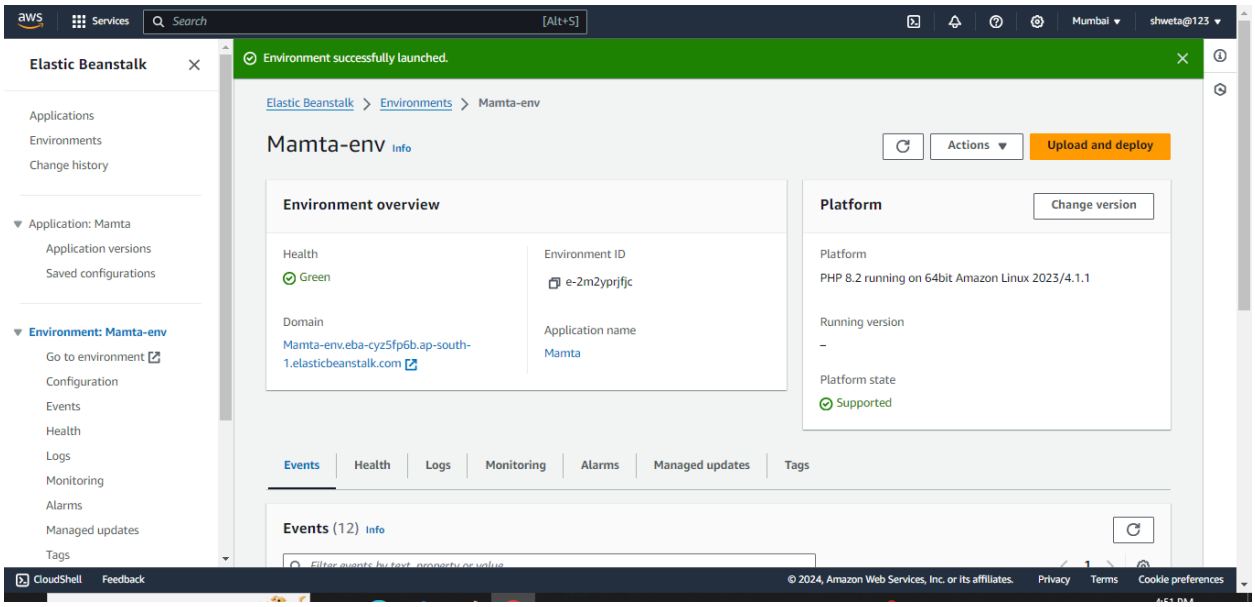





aws
Services
Search
[Alt+S]
Mumbai
shweta@123
Step 4: Configure instance traffic and scaling
Edit
Instance traffic and scaling Info
Customize the capacity and scaling for your environment's instances. Select security groups to control instance traffic.Configure the software that runs on your environment's instances by setting platform-specific options.
Instances
IMDSv1
Deactivated
Capacity
Environment type
Single instance
Fleet composition
On-Demand instance
On-demand base
0
On-demand above base
0
Capacity rebalancing
Deactivated
Scaling cooldown
360
Processor type
x86_64
Instance types
t3.micro,t3.small
AMI ID
ami-09a8a07a7c72990e4
Availability Zones
Any
Metric
NetworkOut
Statistic
Average
Unit
Period
Breach duration
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences


aws
Services
Search
[Alt+S]
Mumbai
shweta@123
Step 5: Configure updates, monitoring, and logging
Edit
Updates, monitoring, and logging Info
Define when and how Elastic Beanstalk deploys changes to your environment. Manage your application's monitoring and logging settings, instances, and other environment resources.
Monitoring
System
basic
Cloudwatch custom metrics - instance
—
Cloudwatch custom metrics - environment
—
Log streaming
Deactivated
Retention
7
Lifecycle
false
Updates
Managed updates
Deactivated
Deployment batch size
100
Deployment batch size type
Percentage
Command timeout
600
Deployment policy
AllAtOnce
Health threshold
Ok
Ignore health check
false
Instance replacement
false
CloudShell
Feedback
© 2024, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences

- In the environment overview the health is green and we can see a domain name.



- Copy the domain name and open in a new tab we can see the web page of a beanstalk using php platform.