

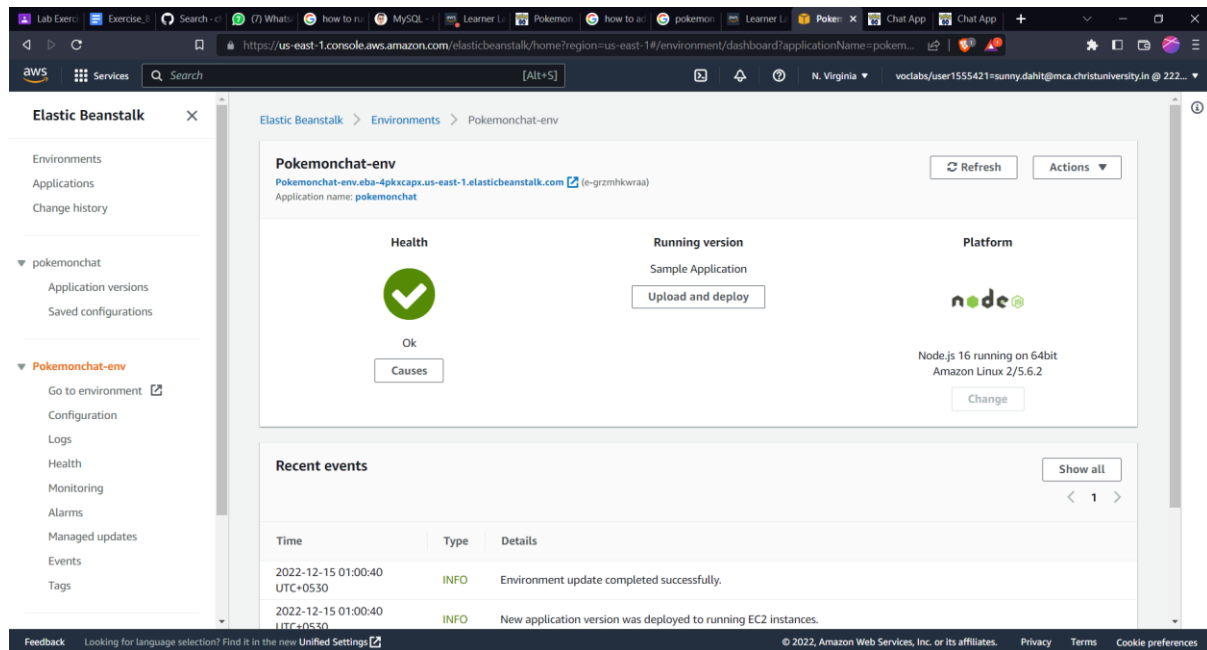
Exercise No: LAB Exercise – 8
Sunny Dahit J 2147135
Sandeep Sutradhar 2147130

Title of Project: Pokemon Go Chat Room

1. Demonstrate the Project Deployment with the services mentioned.

Using nodejs we have built a web chat application for “pokemon go” which is an AR game and needs to interact with real world locations to achieve in-game rewards. But unlike the US and other developed countries where there are a great number of players to get along and enjoy the game, here in India the player base is relatively very low. The chat application is made in focus with Indian players so that they can connect to players within locality and achieve game rewards.

Deployed the application using Elastic BeanStalk



Configuration of the deployment

The screenshot shows the AWS Elastic Beanstalk console for an environment named 'pokemonchat'. The left sidebar lists the environment's components: Environments, Applications, Change history, Application versions, Saved configurations, Logs, Health, Monitoring, Alarms, Managed updates, Events, and Tags. The main panel displays the configuration details for the 'pokemonchat-env' environment, which is currently in the 'Configuration' state. The configuration is organized into several sections, each with an 'Edit' button:

- Capacity:** Capacity rebalancing: disabled; Environment type: single instance; Instance types: t2.micro, t2.small; Scaling cooldown: 360 seconds; Time-based Scaling.
- Load balancer:** This configuration does not contain a load balancer.
- Rolling updates and deployments:** Command timeout: 600; Deployment policy: All at once; Healthy threshold: Ok; Ignore health check: disabled; Rolling updates: disabled.
- Security:** EC2 key pair: ec2_key; IAM instance profile: LabInstanceProfile; Service role: arn:aws:iam::222046027465:role/LabRole.
- Monitoring:** CloudWatch Custom Metrics-Environment; CloudWatch Custom Metrics-Instance; Health event log streaming: disabled; Ignore HTTP 4xx: disabled; Ignore load balancer 4xx: disabled; System: Enhanced.
- Managed updates:** Instance replacement: disabled; Managed updates: enabled; Update level: Minor and patch; Weekly update window: Sat00:00.
- Notifications:** Email: --.
- Network:** This environment is not part of a VPC.
- Database:**

The bottom of the console shows a footer with 'Feedback', 'Looking for language selection? Find it in the new Unified Settings', '© 2022, Amazon Web Services, Inc. or its affiliates.', 'Privacy', 'Terms', and 'Cookie preferences'.

The screenshot shows the AWS Elastic Beanstalk console for an environment named 'pokgo'. The left sidebar lists the environment's components: Environments, Applications, Change history, Application versions, Saved configurations, Logs, Health, Monitoring, Alarms, Managed updates, Events, and Tags. The main panel displays the configuration details for the 'Pokgo-env' environment, which is currently in the 'Configuration' state. The configuration is organized into several sections, each with an 'Edit' button:

- Capacity:** Capacity rebalancing: disabled; Environment type: single instance; Instance types: t2.micro, t2.small; Scaling cooldown: 360 seconds; Time-based Scaling.
- Load balancer:** This configuration does not contain a load balancer.
- Rolling updates and deployments:** Command timeout: 600; Deployment policy: All at once; Healthy threshold: Ok; Ignore health check: disabled; Rolling updates: disabled.
- Security:** EC2 key pair: ec2_key; IAM instance profile: LabInstanceProfile; Service role: arn:aws:iam::222046027465:role/LabRole.
- Monitoring:** CloudWatch Custom Metrics-Environment; CloudWatch Custom Metrics-Instance; Health event log streaming: disabled; Ignore HTTP 4xx: disabled; Ignore load balancer 4xx: disabled; System: Enhanced.
- Managed updates:** Instance replacement: disabled; Managed updates: enabled; Update level: Minor and patch; Weekly update window: Tue08:00.
- Notifications:** Email: sunny.dahit@mca.christuniversity.in.
- Network:** This environment is not part of a VPC.
- Database:**

The bottom of the console shows a footer with 'Feedback', 'Looking for language selection? Find it in the new Unified Settings', '© 2022, Amazon Web Services, Inc. or its affiliates.', 'Privacy', 'Terms', and 'Cookie preferences'.

Output

