

Assignment 5

Deploying a sample application on elastic beanstalk

Create an application

The screenshot shows the AWS Elastic Beanstalk console. The left sidebar has a menu with 'Environments', 'Applications', and 'Change history'. Under 'Environments', there is a section for 'zumm' with 'Application versions' and 'Saved configurations'. The main content area shows the 'Zumm-env' environment in a 'Creating' state. A message says 'Creating Zumm-env. This will take a few minutes...'. Below this, a log shows the following steps:

- 7:02pm Created security group named: aws-elasticbeanstalk-ec2-1-118755555555
- 7:02pm Environment health has transitioned to Pending. Initialization in progress (running for 10 seconds). There are no instances.
- 7:02pm Created security group named: sg-09e571621957
- 7:02pm Created target group named: arn:aws:elasticloadbalancing:us-east-2:095691196480:targetgroup/aws-elasticbeanstalk-ec2-1-118755555555:118755555555
- 7:02pm Using elasticbeanstalk-us-east-2-095691196480 as Amazon S3 storage bucket for environment data.
- 7:02pm createEnvironment is starting.

The bottom of the console shows a 'key1.pem' file and a 'Show all' button.

Launch the web page and verify

The screenshot shows the AWS Elastic Beanstalk console dashboard for the 'Zumm-env' environment. The dashboard includes a 'Health' section with a green checkmark and 'OK' status, a 'Running version' section with 'Sample Application' and an 'Upload and deploy' button, and a 'Platform' section with 'Node.js 14 running on 64bit Amazon Linux 2/5.4.5' and a 'Change' button. Below these sections is a 'Recent events' table with a 'Show all' button.

Time	Type	Details
2021-09-13 19:06:40 UTC+05:30	INFO	Environment health has transitioned from Pending to Ok. Initialization completed 26 seconds ago and took 4 minutes.
2021-09-13 19:06:40 UTC+05:30	INFO	Added instance [i-0285764943e8488b1] to your environment.
2021-09-13 19:06:23 UTC+05:30	INFO	Successfully launched environment: Zumm-env
2021-09-13 19:06:23 UTC+05:30	INFO	Application available at Zumm-env.eba-nmm22fm6.us-east-2.elasticbeanstalk.com.
2021-09-13 19:06:08 UTC+05:30	INFO	Instance deployment completed successfully.

