

# Elastic Beanstalk Environment

The screenshot shows the AWS Elastic Beanstalk console. A green banner at the top indicates "Environment successfully launched." The left sidebar shows the navigation menu with "Applications", "Environments", and "Change history". The main content area displays the "Test-ebs-env" environment details. The "Environment overview" section shows the health status as "Green", the environment ID as "e-27uwy4e4c", the domain as "Test-ebs-env.eba-g2yck8df.us-east-1.elasticbeanstalk.com", and the application name as "test-ebs". The "Platform" section shows the platform as "Python 3.11 running on 64bit Amazon Linux 2023/4.0.1". Below these sections are tabs for "Events", "Health", "Logs", "Monitoring", "Alarms", "Managed updates", and "Tags". The "Events" tab is active, showing a list of 12 events. The events table includes columns for Time, Type, and Details. The events listed are: "Successfully launched environment: Test-ebs-env", "Application available at Test-ebs-env.eba-g2yck8df.us-east-1.elasticbeanstalk.com.", "Adding instance 'i-01f6ca2cdda998b41' to your environment.", "Added EC2 instance 'i-01f6ca2cdda998b41' to Auto Scaling Group 'aws-eb-e-27uwy4e4c-stack-AWSEBAutoScalingGroup-1X51CEOWJN23V'.", "Environment health has been set to GREEN", and "Instance deployment completed successfully."

Time	Type	Details
June 13, 2023 16:44:16 (UTC-5)	INFO	Successfully launched environment: Test-ebs-env
June 13, 2023 16:44:15 (UTC-5)	INFO	Application available at Test-ebs-env.eba-g2yck8df.us-east-1.elasticbeanstalk.com.
June 13, 2023 16:44:12 (UTC-5)	INFO	Adding instance 'i-01f6ca2cdda998b41' to your environment.
June 13, 2023 16:44:12 (UTC-5)	INFO	Added EC2 instance 'i-01f6ca2cdda998b41' to Auto Scaling Group 'aws-eb-e-27uwy4e4c-stack-AWSEBAutoScalingGroup-1X51CEOWJN23V'.
June 13, 2023 16:44:12 (UTC-5)	INFO	Environment health has been set to GREEN
June 13, 2023 16:43:58 (UTC-5)	INFO	Instance deployment completed successfully.

## Configuration:

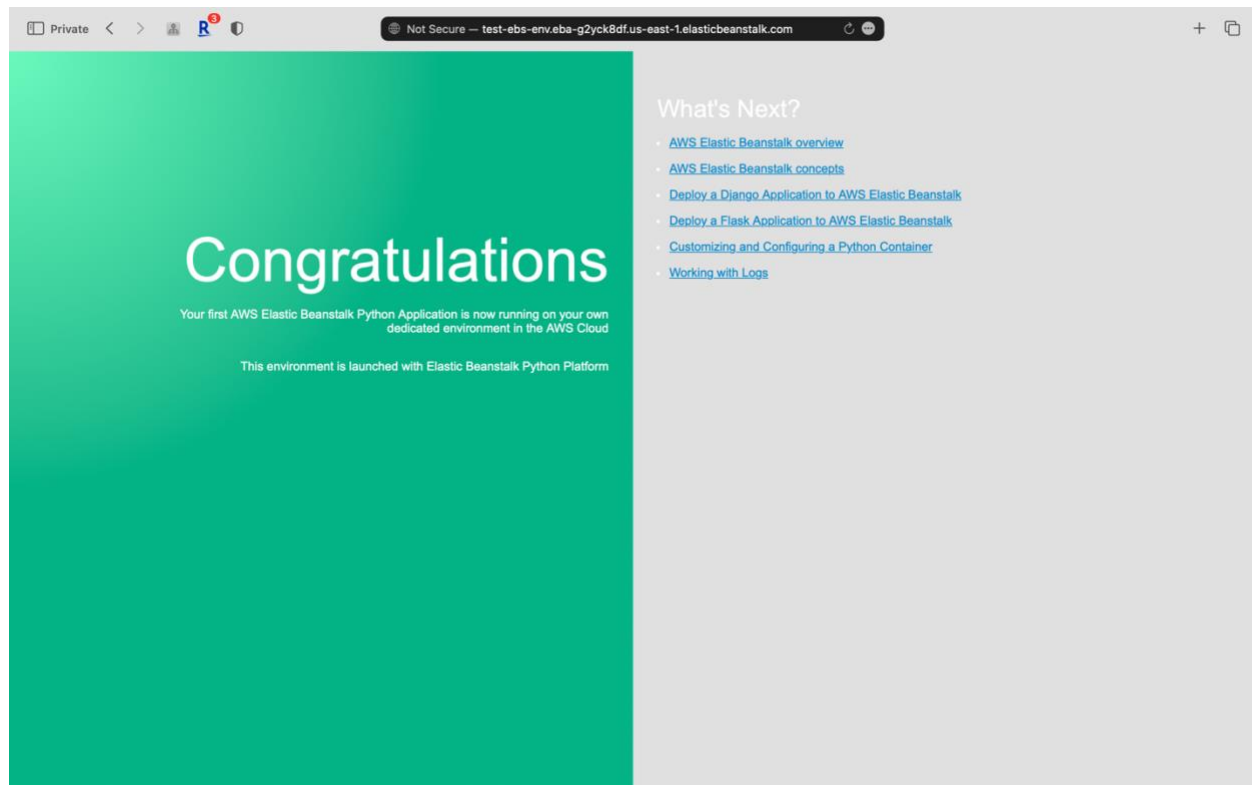
The screenshot shows the AWS Elastic Beanstalk console configuration page for the "Test-ebs-env" environment. The left sidebar shows the navigation menu with "Applications", "Environments", and "Change history". The main content area displays the "Configuration" page. The "Service access" section shows the service role as "arn:aws:iam::122900856042:role/service-role/aws-elasticbeanstalk-service-role", the EC2 key pair as "ngin", and the EC2 instance profile as "EC2-Connect". The "Networking, database, and tags" section shows the VPC as "vpc-0c42690808ac026d4", the public IP address as "true", and the instance subnets as "subnet-004bc0a6e698990c5,subnet-0fd47e9e0c7715ce1,subnet-0c0efa90208ead699". The "Instance traffic and scaling" section shows the instances as "IMDSv1" and "Deactivated", and the EC2 security groups as "sg-0a3a60d1a6f3b2574,sg-0f2f696b40f34ec92". The "Capacity" section is also visible.

Service role	EC2 key pair	EC2 instance profile
arn:aws:iam::122900856042:role/service-role/aws-elasticbeanstalk-service-role	ngin	EC2-Connect

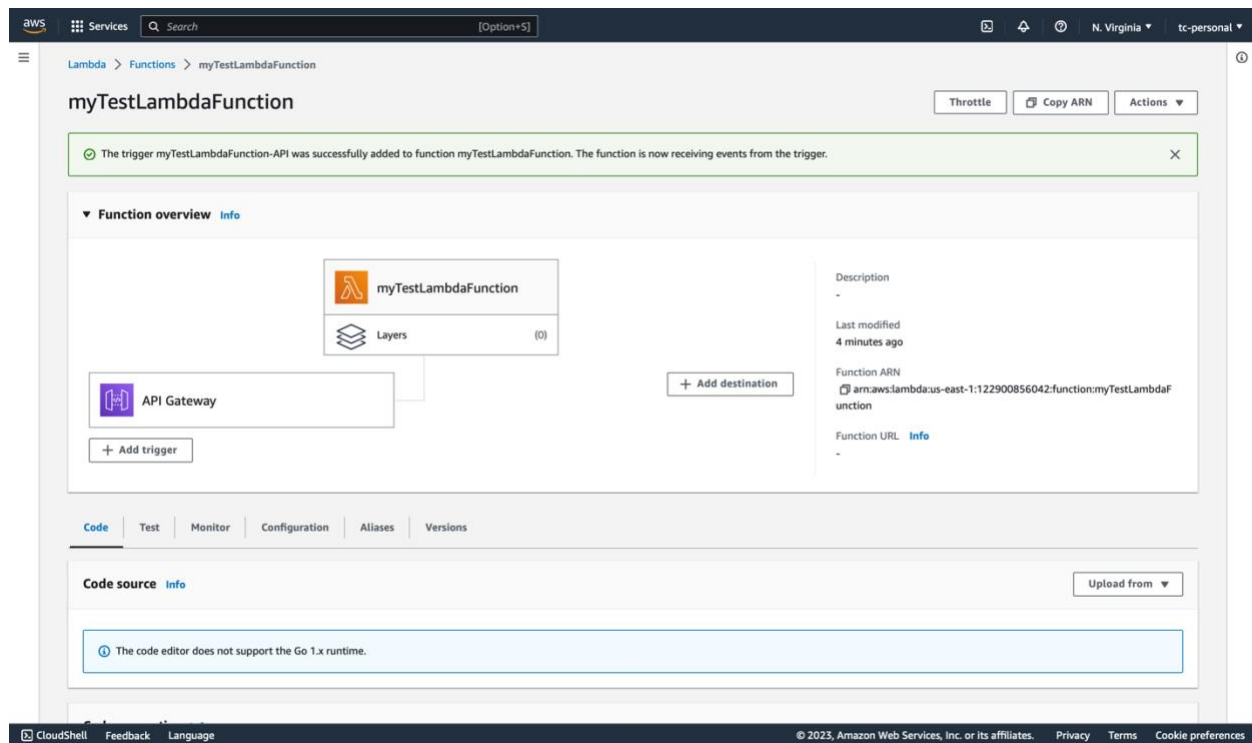
Network	Public IP address	Instance subnets
vpc-0c42690808ac026d4	true	subnet-004bc0a6e698990c5,subnet-0fd47e9e0c7715ce1,subnet-0c0efa90208ead699

Instances	EC2 Security Groups
IMDSv1 Deactivated	sg-0a3a60d1a6f3b2574,sg-0f2f696b40f34ec92

## Running Application with Elastic Beanstalk:



## Lambda Function with API Gateway:



## Output from the Lambda Function:

Private < > R

o8tde9hm4j.execute-api.us-east-1.amazonaws.com

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Hello from Lambda!