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CREATE AN AWS ACCOUNT AND DEPLOY A WEB APPLICATION ON AWS ELASTIC BEANSTALK

AIM:

To create an AWS account and deploy a simple web application in AWS Elastic Beanstalk.

PROCEDURE:

1. Visit the AWS Homepage and click on “Create an AWS Account.”
2. Sign Up for an AWS Account by entering your email, password, account name, and contact details.
3. Set Up Payment Information by providing your credit/debit card details.
4. Verify Your Identity by entering a code sent to your phone number and selecting a support plan.
5. Log into the AWS Management Console using your new credentials.
6. Set Up Multi-Factor Authentication (MFA) for added account security.
7. Navigate to Elastic Beanstalk from the AWS Management Console.
8. Click “Create Application” and provide the application name and description.
9. Choose a Platform (e.g., Node.js, Python) and configure environment settings.
10. Upload Your Application Code as a zip file or from an S3 bucket.
11. Review and Create the Environment to start the deployment process.

12. Monitor the Deployment Process in the Elastic Beanstalk console.
13. Access Your Deployed Application via the provided URL once the environment is ready.
14. Set Up a Custom Domain using Route 53 or another DNS provider if desired.
15. Monitor and Manage Your Application using the Elastic Beanstalk dashboard, including scaling and health checks.

RESULT:

Thus, to create an AWS account and deploy a simple web application in AWS Elastic Beanstalk has been completed successfully.