Deploying Spring Boot Applications

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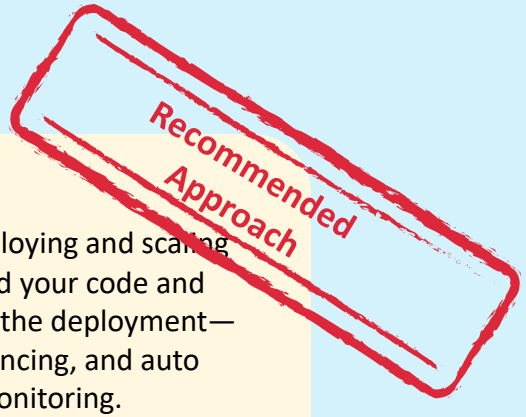
Amazon Elastic Compute Cloud (EC2) is a virtual cloud infrastructure service offered by AWS that provides users on-demand computing resources through which users can create powerful servers in the cloud. Additionally, EC2 enables users to get a virtual machine up and running in just a few clicks.

With EC2, we can deploy our Spring Boot application into AWS Cloud. But it is a traditional approach and has many drawbacks. When used EC2, the Developer or Organization, **need to take care of installing required software, libraries like Java, Tomcat and handle Auto scaling, load balancing etc. manually.**



Elastic Beanstalk is a service for deploying and scaling web applications and services. Upload your code and Elastic Beanstalk automatically handles the deployment—from capacity provisioning, load balancing, and auto scaling to application health monitoring.

With Beanstalk, Developers can **focus on writing code instead of provisioning and managing infrastructure**.

Elastic Beanstalk supports applications developed in **Go, Java, .NET, Node.js, PHP, Python, and Ruby**. When you deploy your application, Elastic Beanstalk builds the selected supported platform version and provisions one or more AWS resources, such as Amazon EC2 instances, to run your application.

AWS Elastic Beanstalk - How it works

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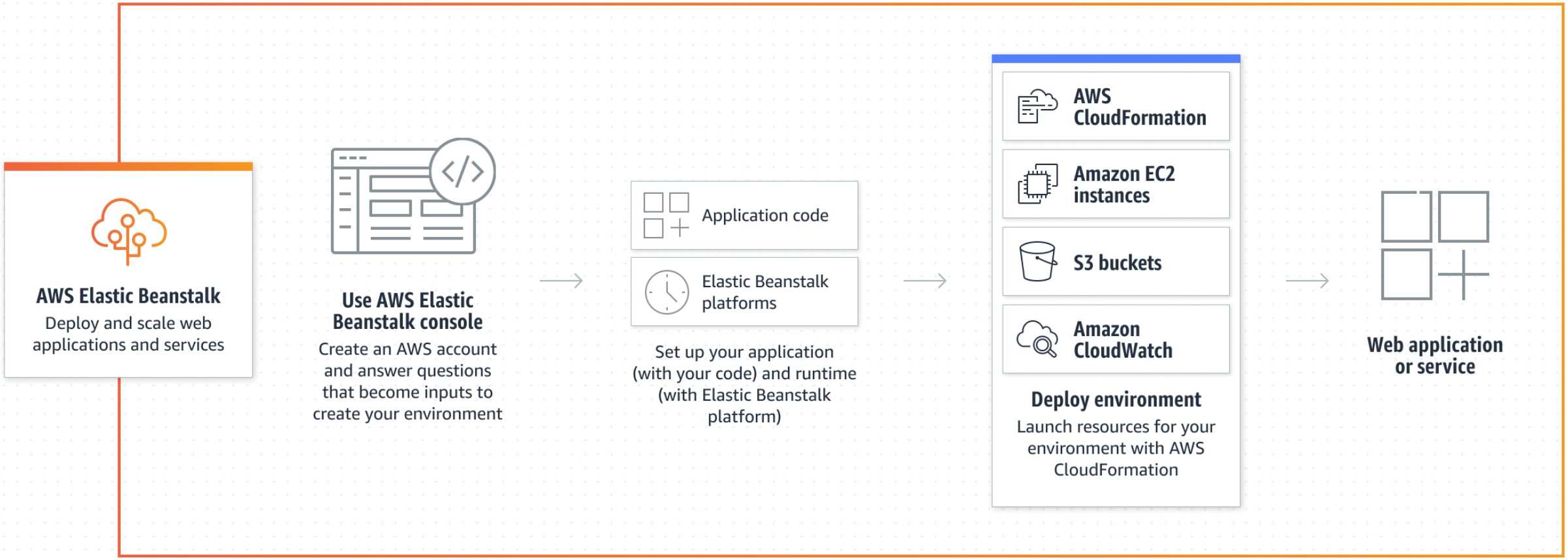

SOURCE: https://aws.amazon.com/elasticbeanstalk/