

# Deploying Web Applications using Elastic Beanstalk

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# Overview

**What is Elastic Beanstalk?**

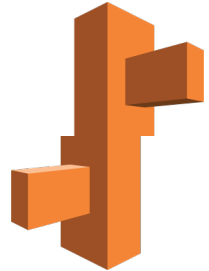
**How Elastic Beanstalk works**

**Elastic Beanstalk architecture**

**Change management and versioning**

**Deploying to Elastic Beanstalk**

# What is Elastic Beanstalk?



**Deploy web applications on AWS**



**No infrastructure configuration**



**Multiplatform support**



**You'll get over the silly name!**

# Elastic Beanstalk vs. DIY

Focus on building your application

Your code



Web server



Application Server  
Language Interpreter



Elastic Beanstalk  
does the rest

Operating System



Host



# How Elastic Beanstalk Works

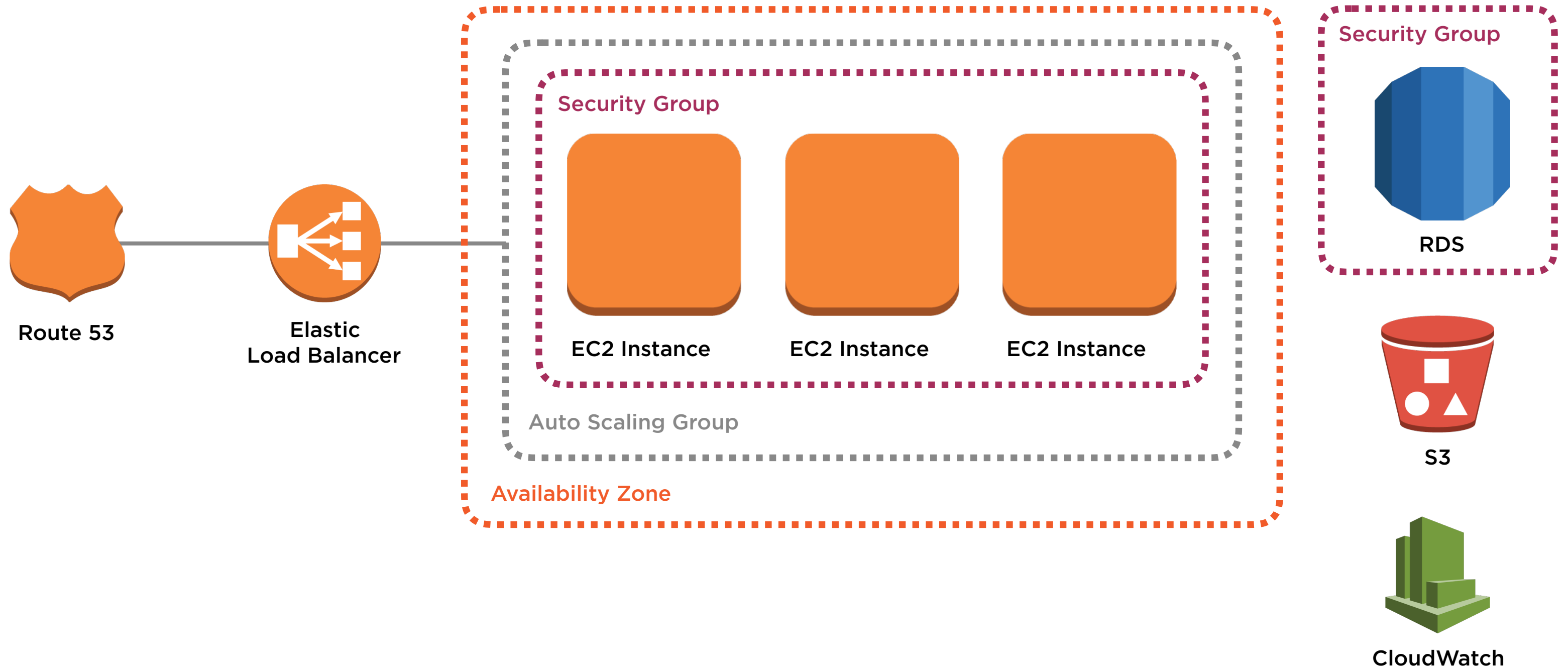
**Choose your platform**

**Choose your resources**

**Upload your code**

**Launch your application**

# Elastic Beanstalk Architecture



# Application

Container for a logical application

# Platform

Java with Tomcat, .NET on IIS, Node.js, Go, etc.



# Version

Specific labeled iteration

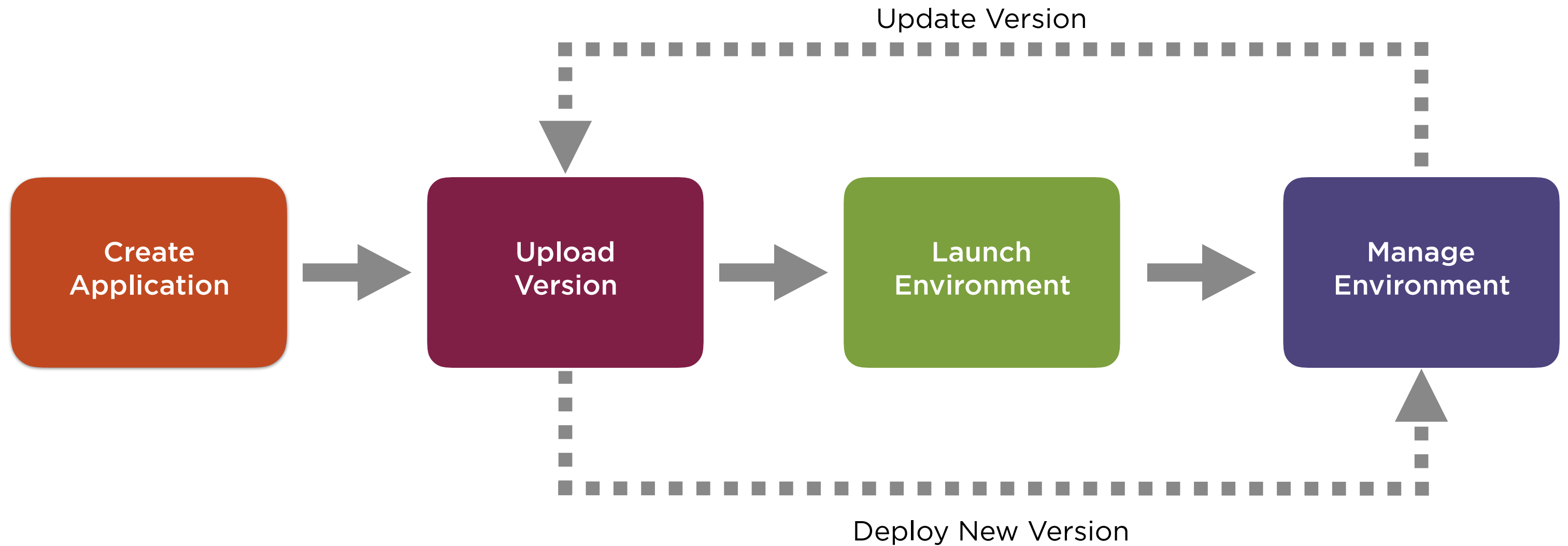
# Environment

Version deployed to a set of AWS resources

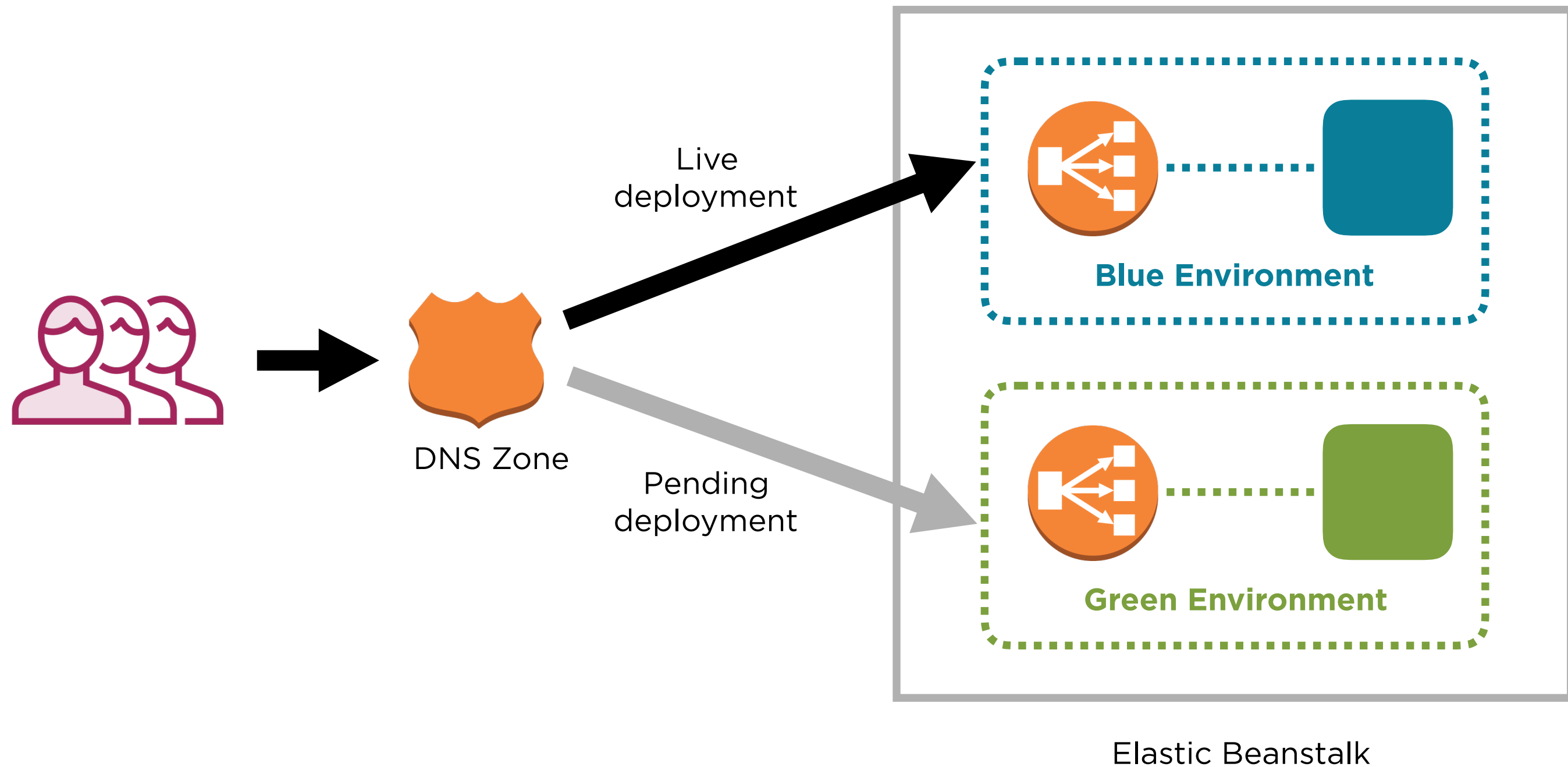
# Environment Configuration

Collection of parameters and settings

# Elastic Beanstalk Workflow



# Blue/Green Deployment



Demo

**Deploying to Elastic Beanstalk**

# Summary

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