Introduction to DevOps

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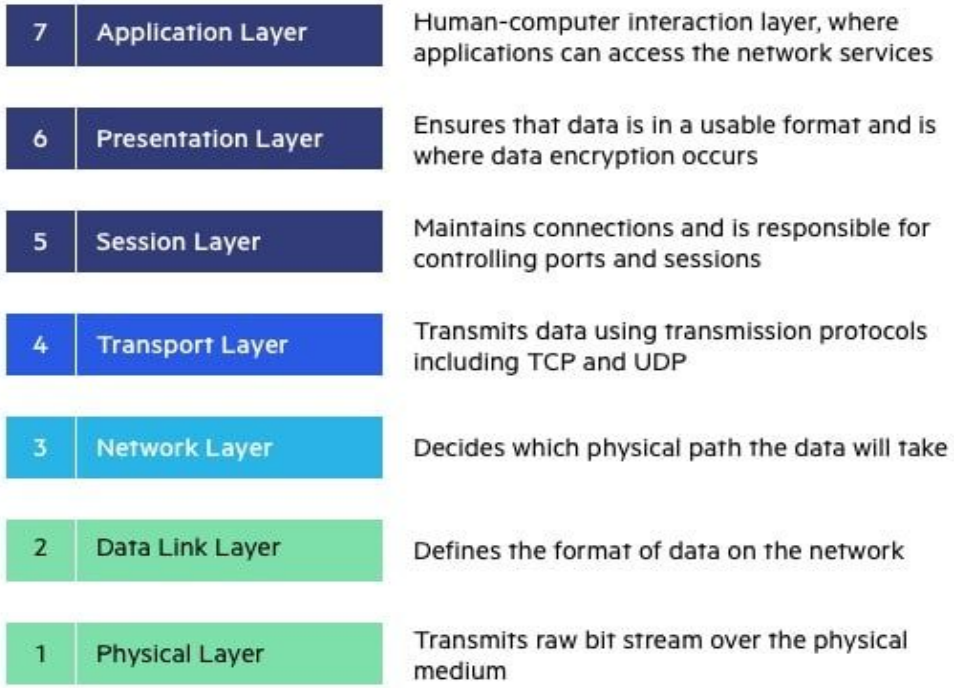
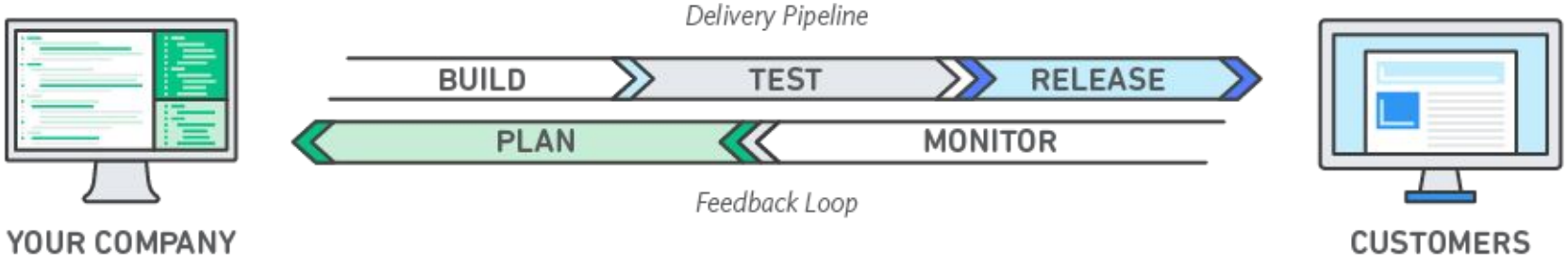
CONTENTS

Introduction to the OSI model

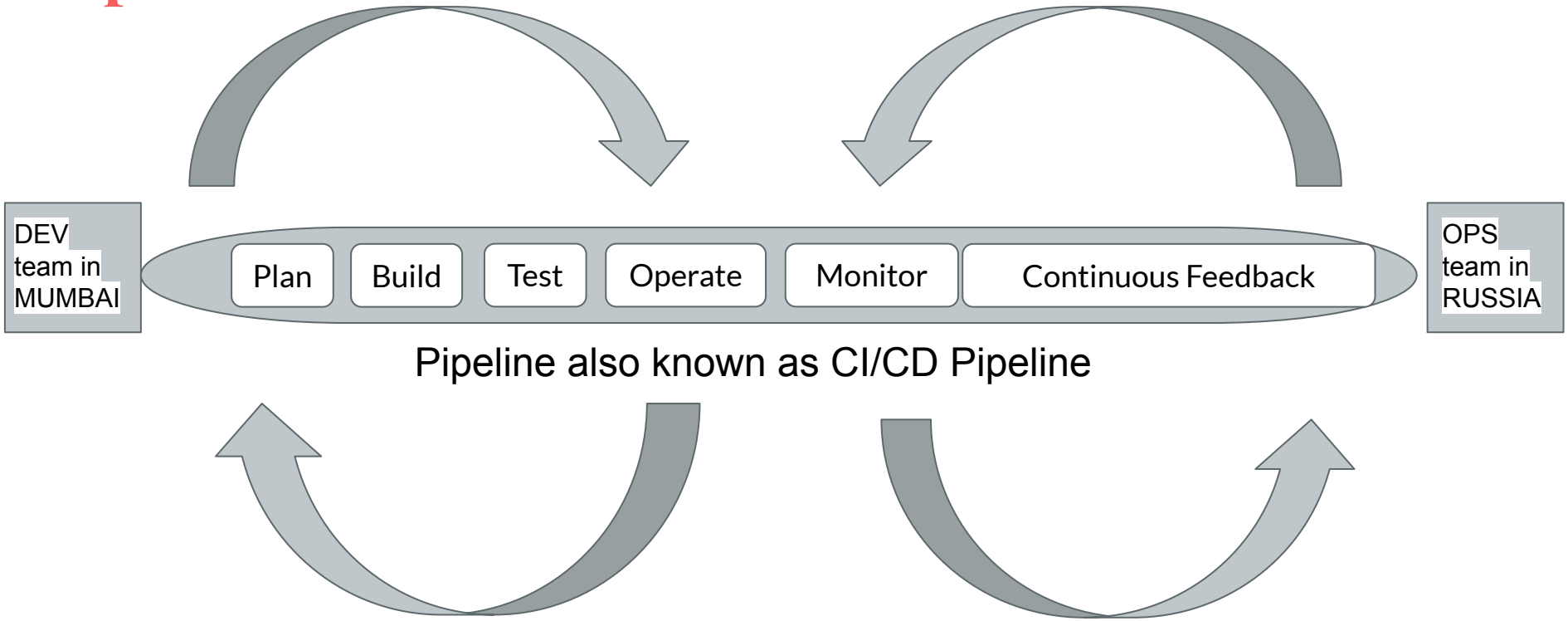


What is DevOps

DevOps is the combination of cultural philosophies, practices, and tools that increases an organization’s ability to deliver applications and services at high velocity: evolving and improving products at a faster pace than organizations using traditional software development and infrastructure management processes. This speed enables organizations to better serve their customers and compete more effectively in the market.

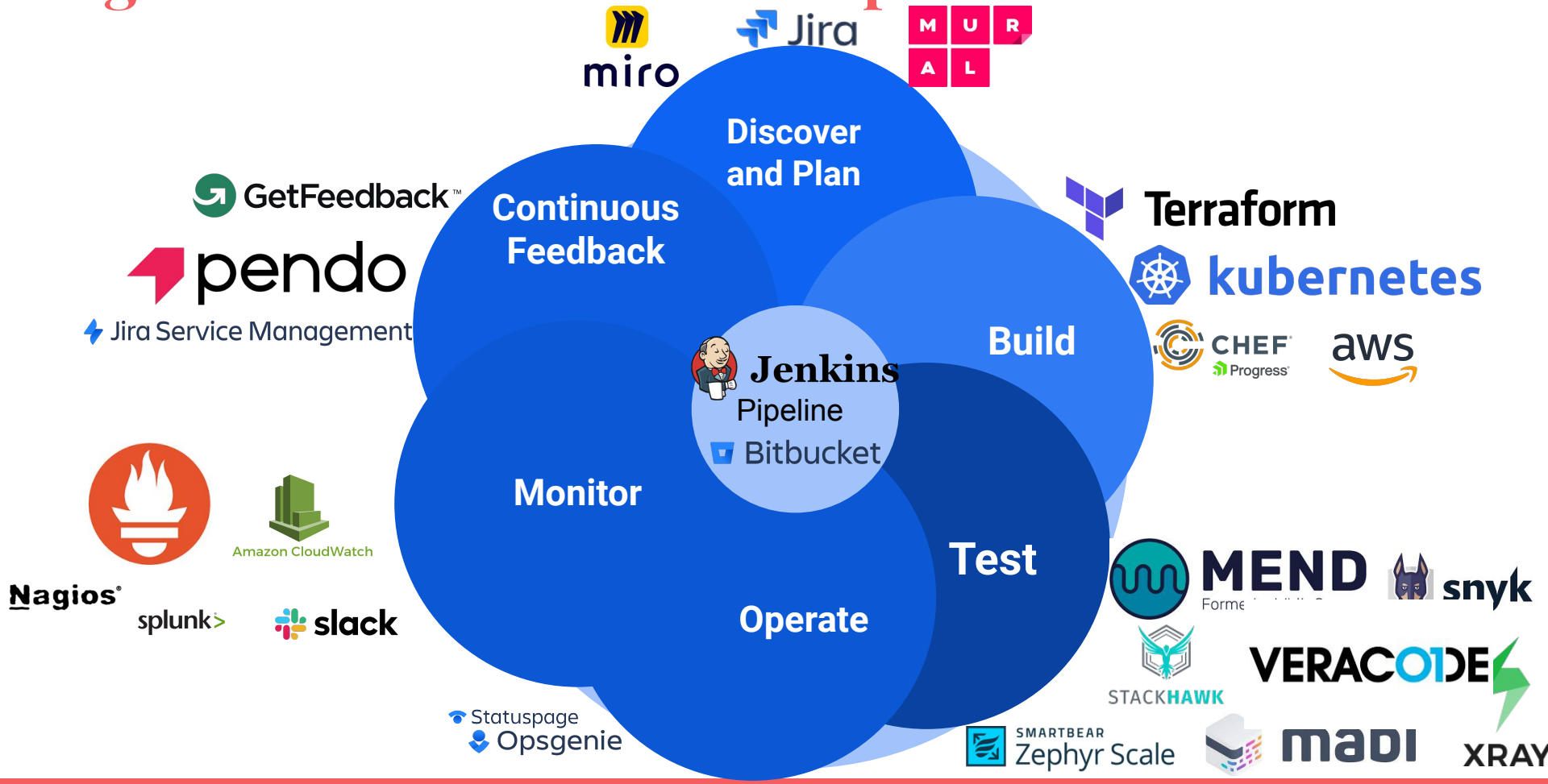


Pipeline



Pipeline also known as CI/CD Pipeline

Stages of Automation in DevOps



Which stages and tools the training covers

Build On aws using Terraform as the **IAAC** tool using **Bash Script** as the scripting tool. The aws resources will be configured using bash scripts and softwares will be installed on these resources using docker the resources will be monitored using Amazon CloudWatch

And all these will be done through a CI/CD pipeline on Jenkins

Cloud Computing and DevOps