



Creating Infinite  
Possibilities.

# Emerging Trends in Continuous Integration and Continuous Delivery

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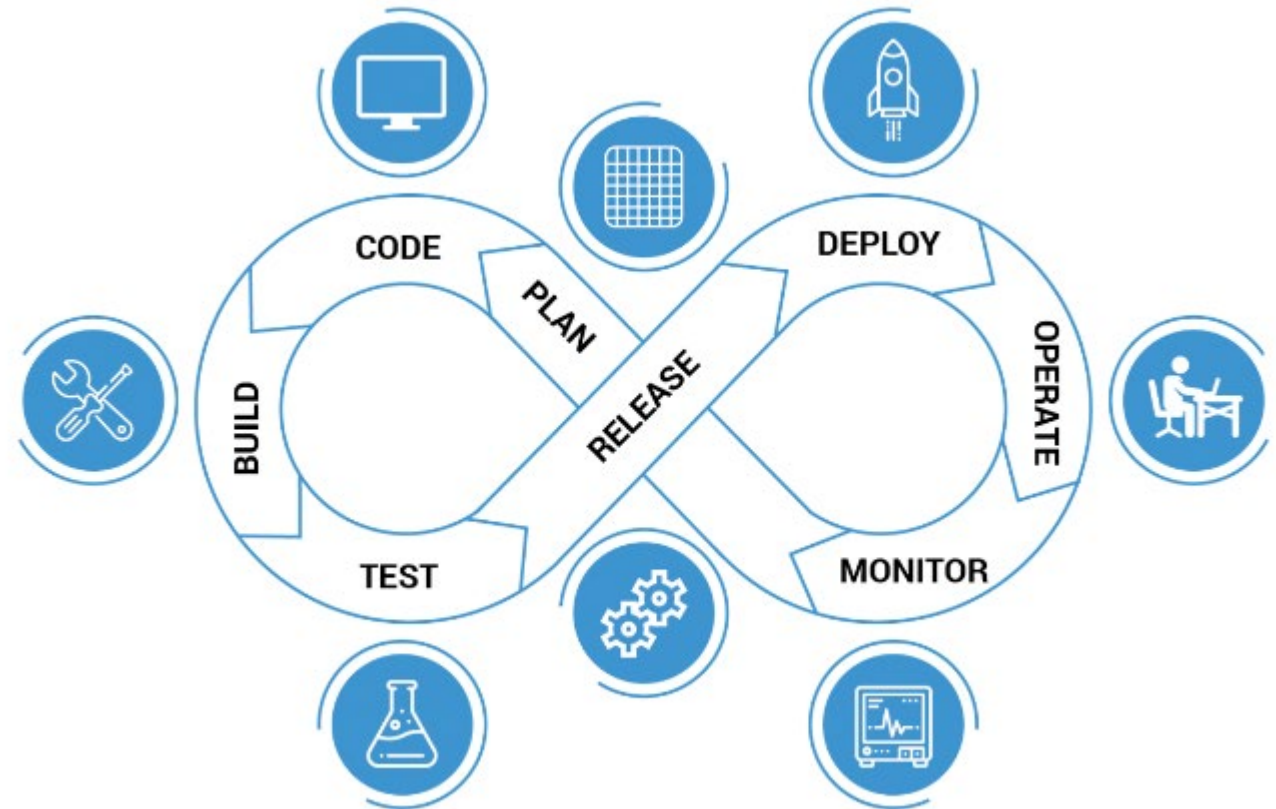
# INTRODUCTION



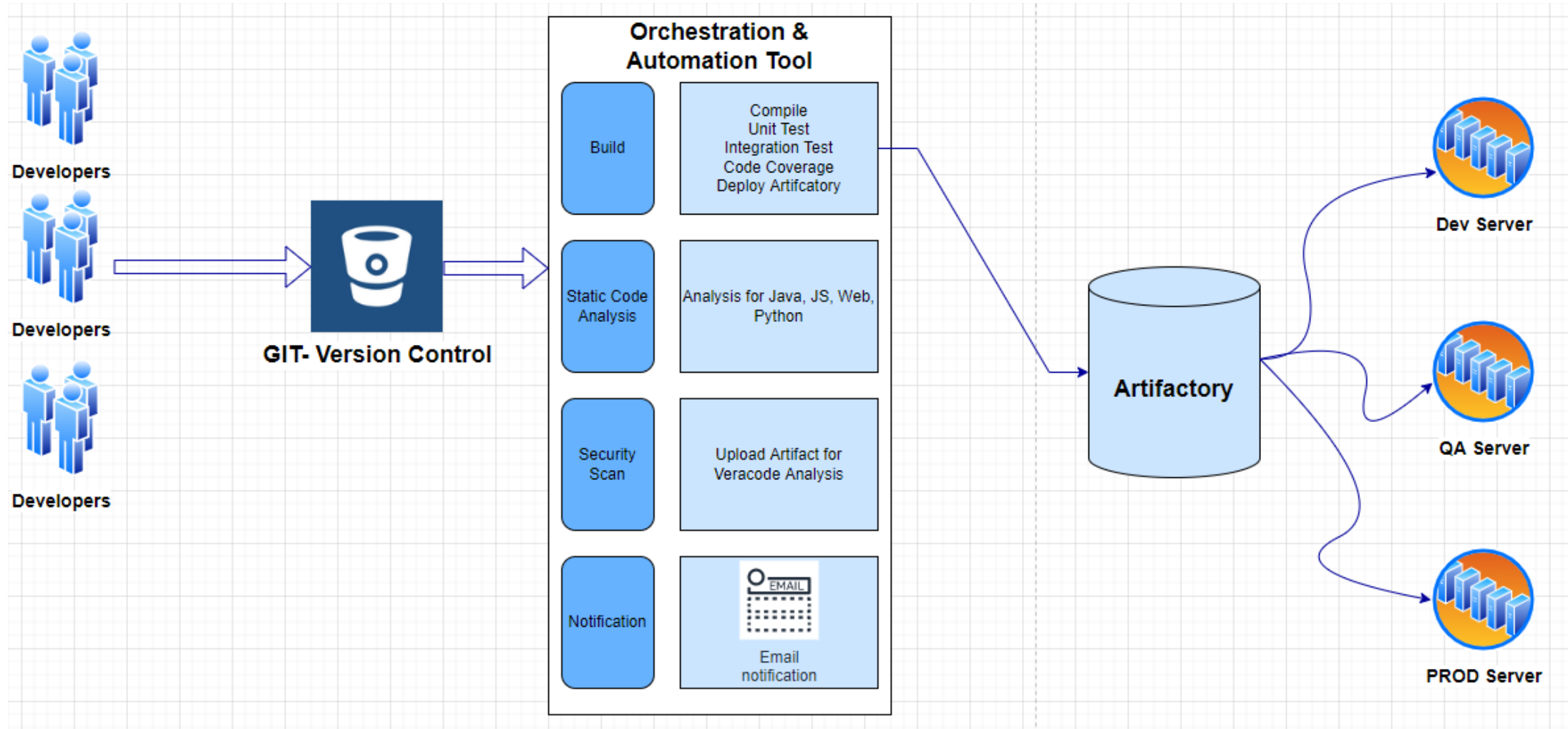


## Benefits

- Service Agility
- Increased Efficiency
- Measurable Progress
- Feedback Loops
- Maximized Creativity
- Collaboration
- Efficient Infrastructure

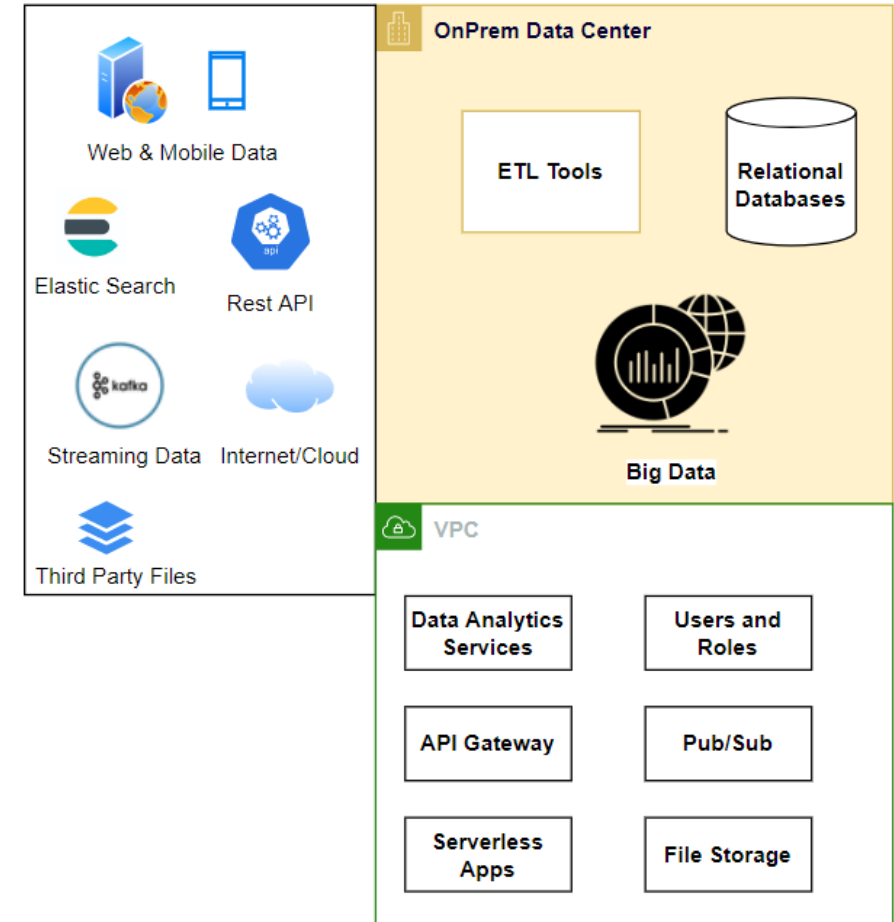


# CI/CD – PIPELINE FLOW

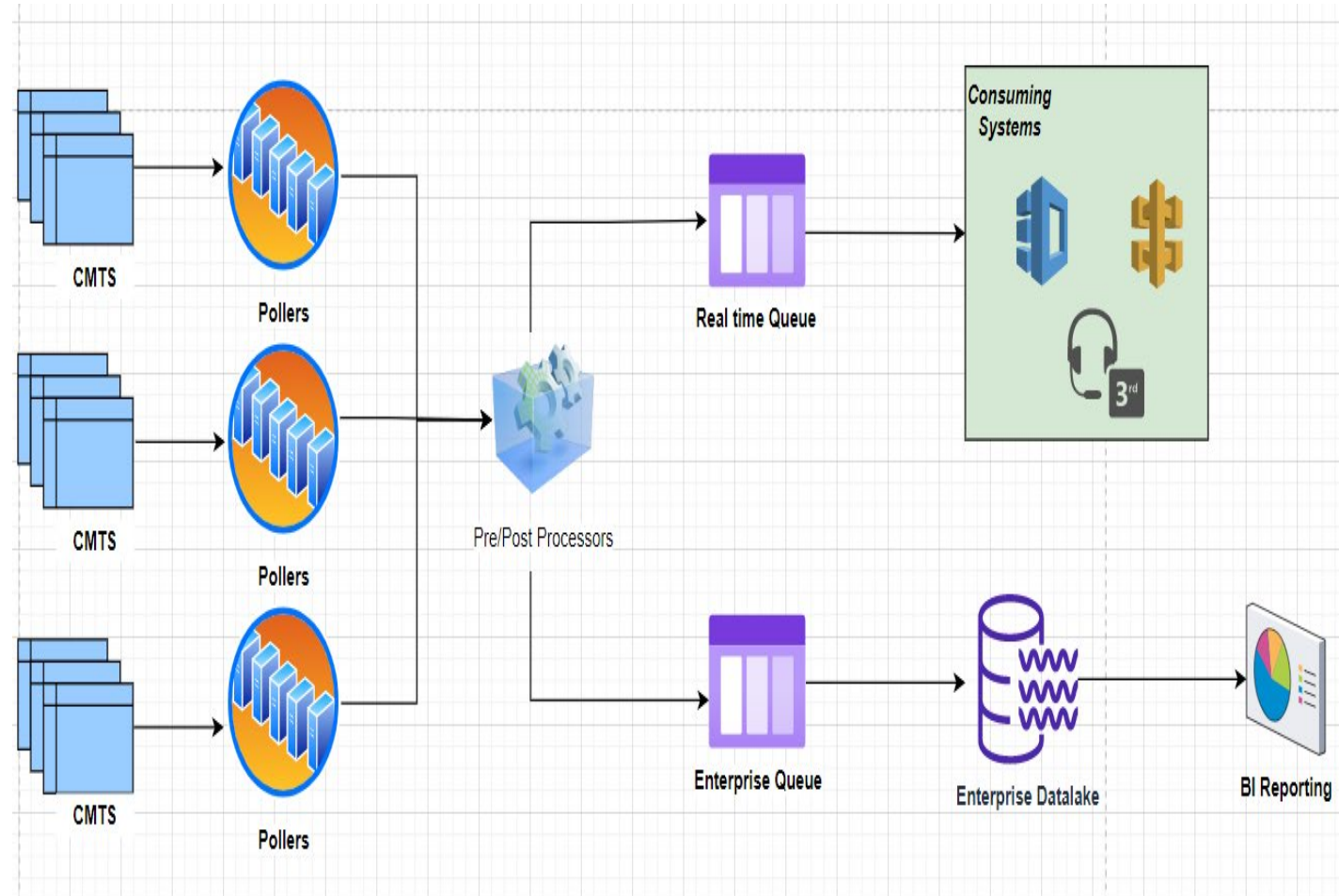


## Data , Integration and Automation

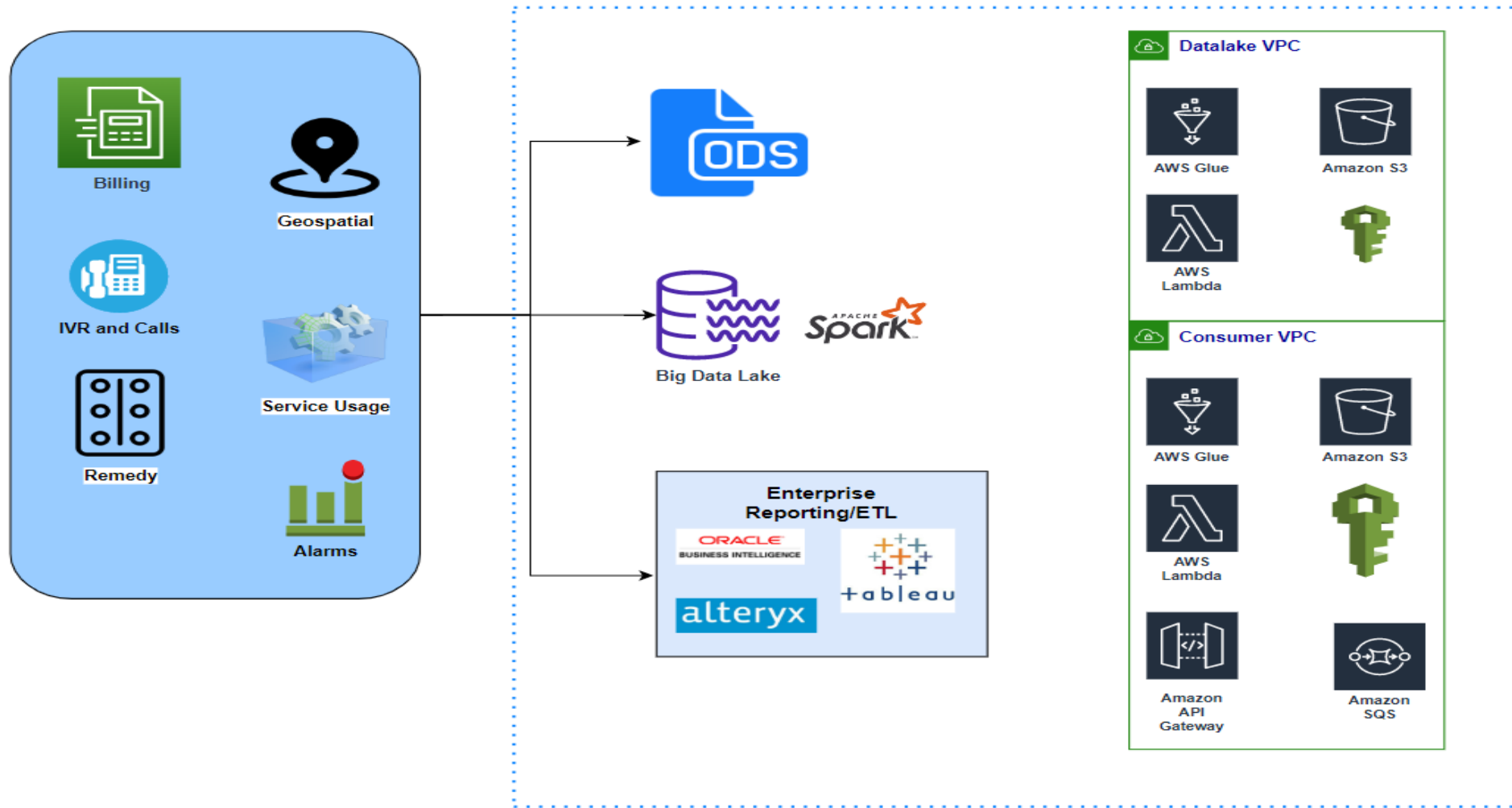
- Transformation of Network Devices
- Data Management Tools – 5V's
- Cloud Computing
- Reporting and Business Insights
- Data Analytics



- Polling Data
- Billing Usage
- Network Alarms
- Ticketing
- Traffic Visibility
- Data and Video Usage



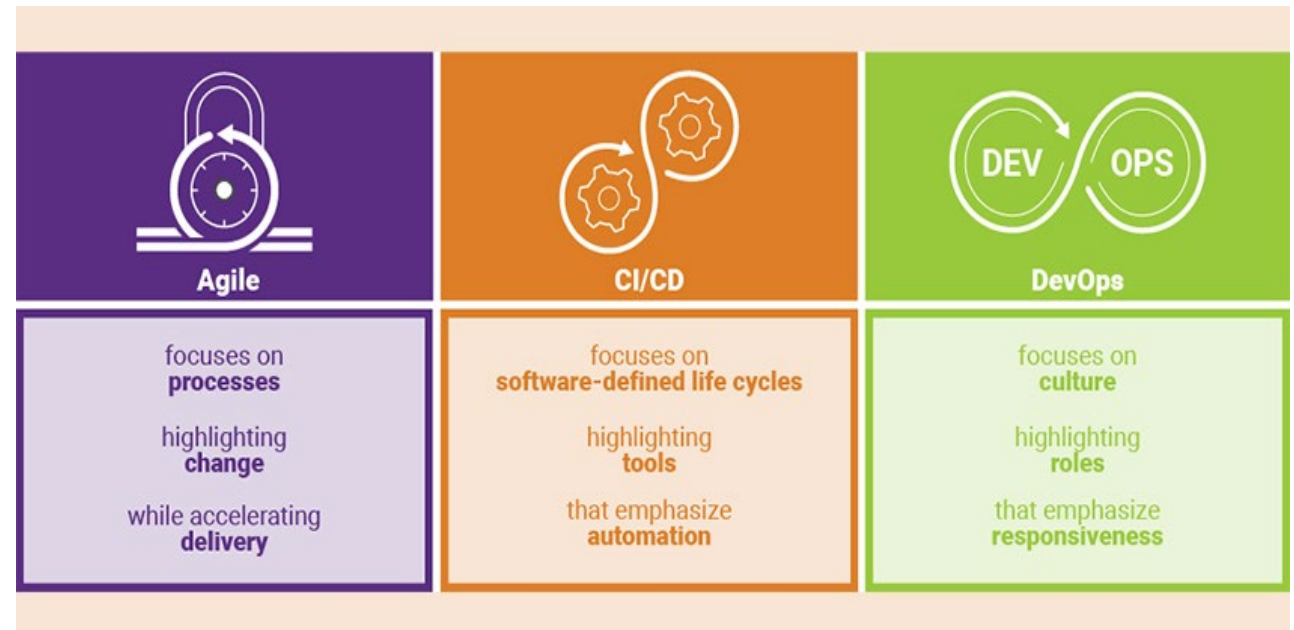
# DATA AND INTEGRATION





## CI/CD Life Cycle

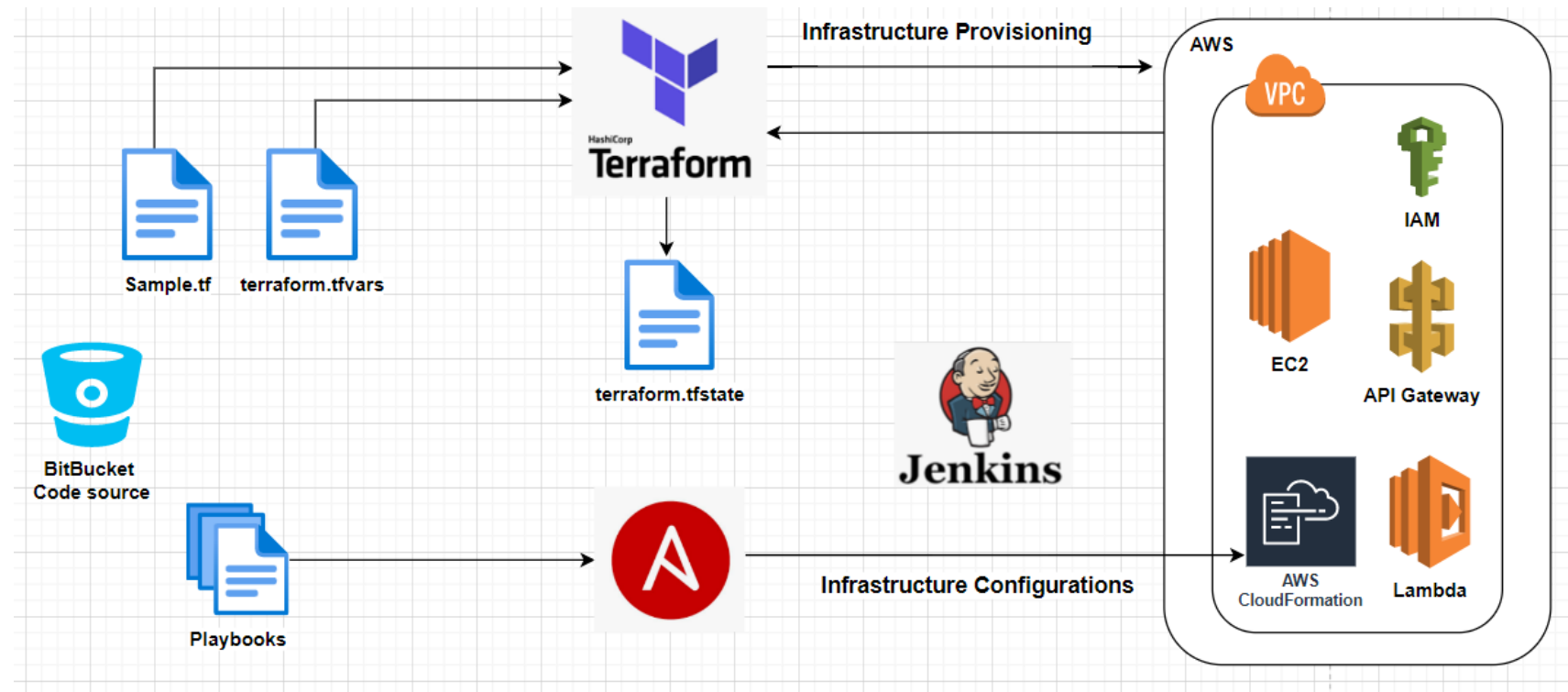
- Enterprise Configuration Management
- Unified Platform
- Pipeline Configuration
- User Adoption
- Individual Team Responsibility
- DevOps Enablement





## Tool Stack

- BitBucket
- Jenkins
- Ansible Orchestrator
  - YAML
  - Host Connectivity
  - Ansible Modules
  - Hybrid Support
- Terraform
- CloudFormation
- Wrapper Scripts



## Key Wins

- Customer Centric
  - Frequent Releases
- Developer Focused
  - Unified Pipeline
- Continuous Testing
- Zero Down Time
- Infrastructure as Code
- Transparency and Traceability
- Centralized Enterprise Repository
- E2E Automation
- Security Controls
- Hybrid Environment



# Creating Infinite Possibilities.

## Thank You!

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