

# NetDevOps

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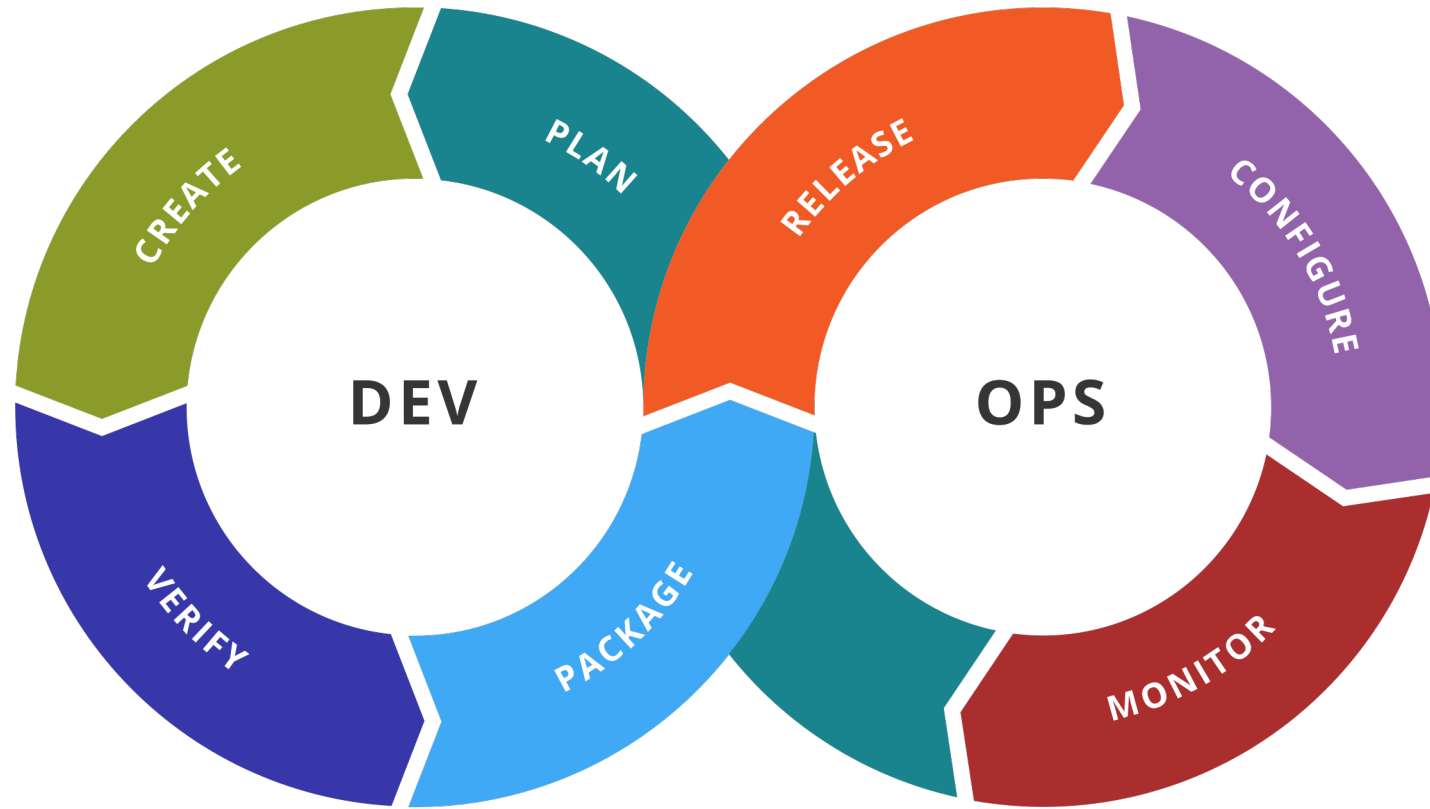
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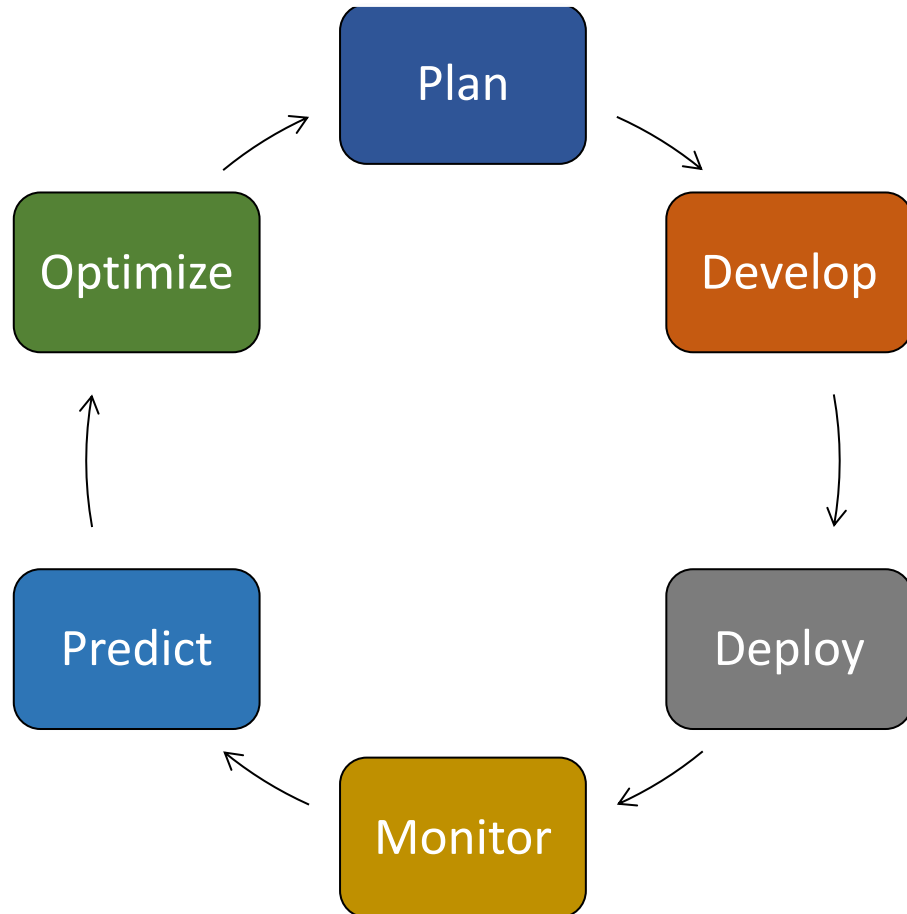
# Agenda

- Introduction
- What is DevOps?
- DevOps vs NetDevOps
- Challenges
- Opportunities
- Q/A

# DevOps Lifecycle



# NetDevOps Lifecycle



## Plan

Capture Intent

## Develop

Create policies/templates/configs

## Deploy

Orchestrate policies on Network

## Monitor

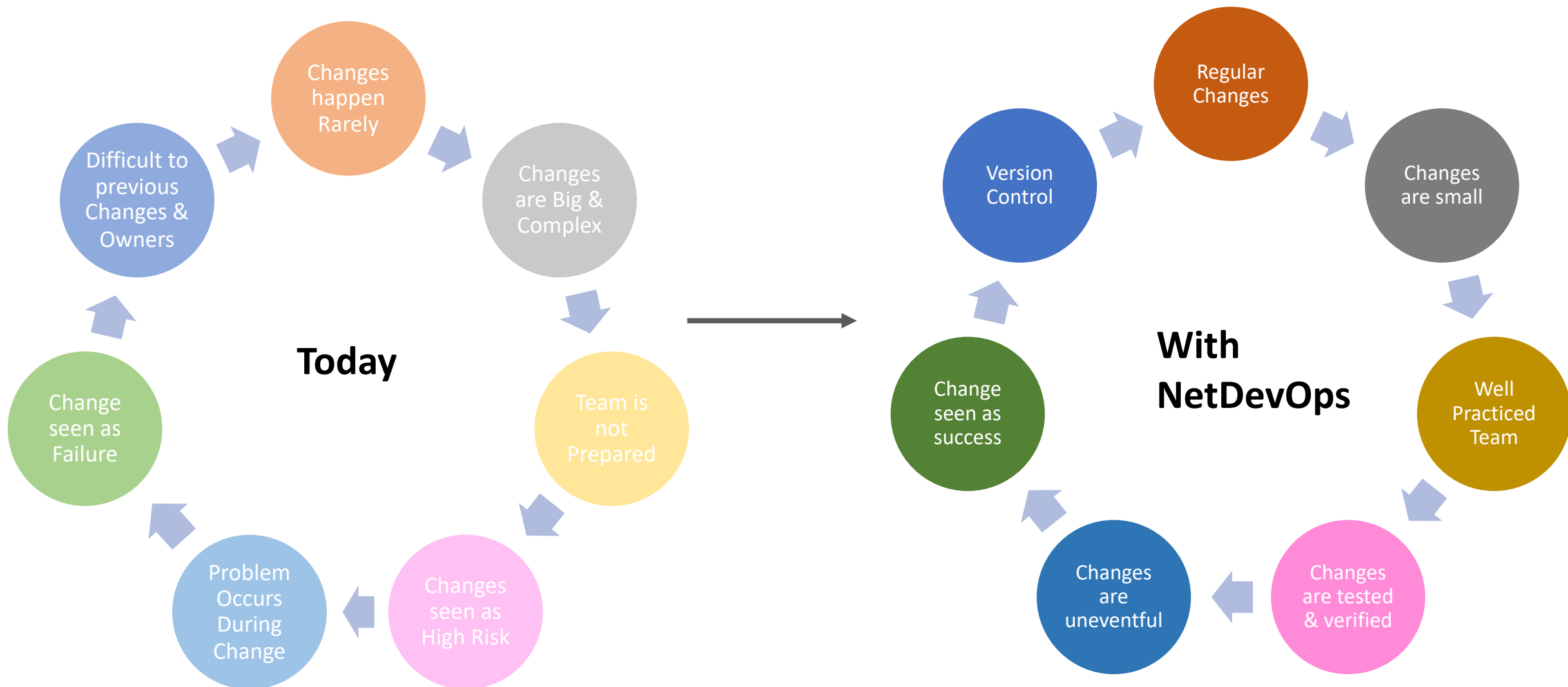
Log Analysis (Collecting Logs/Telemetry)

## Predict

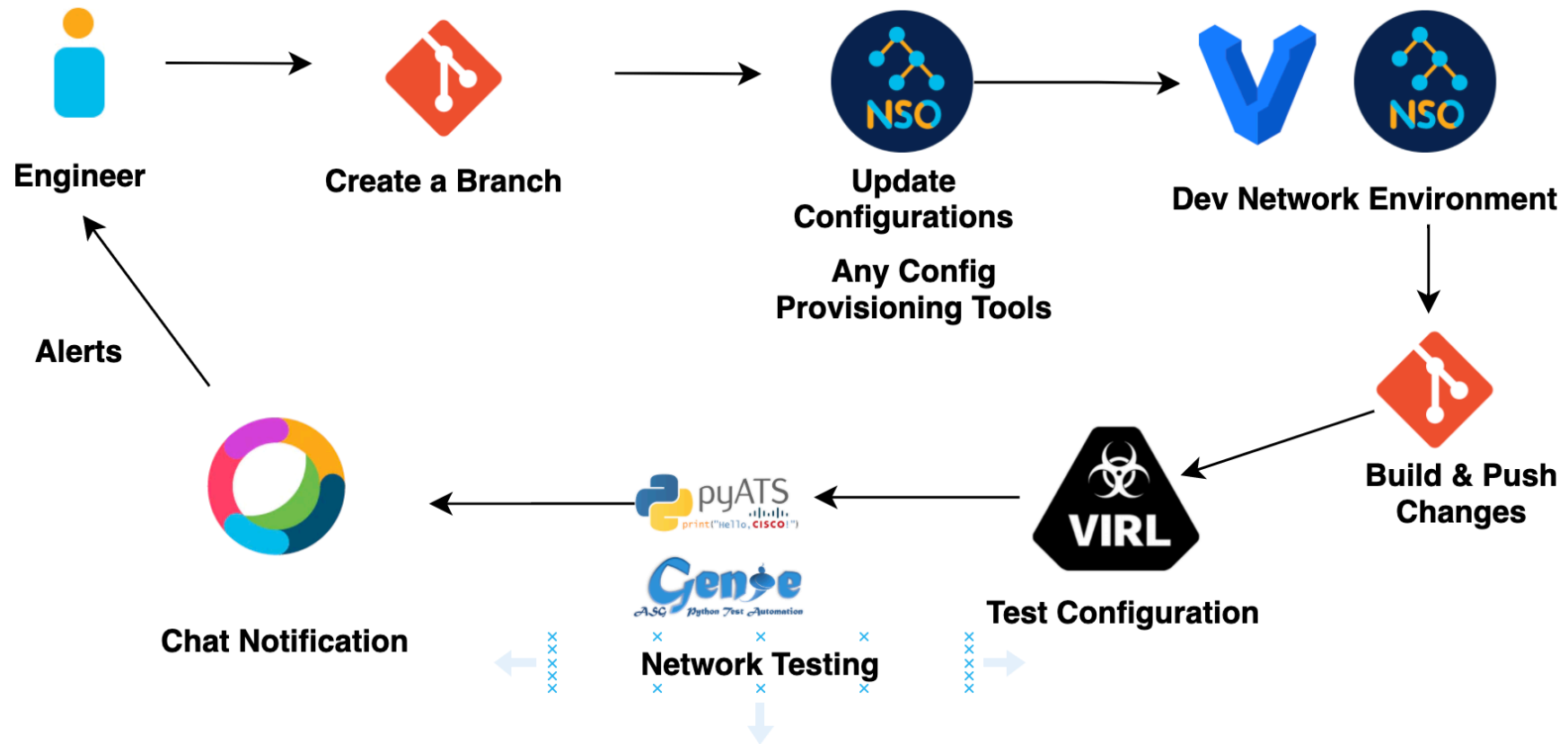
ML & Analytics

## Optimize

Compliance & Audit



# NetDevOps CI/CD Pipeline Example



# NetDevOps Use Cases

- Device Onboarding
- Data Collection (Ex. Show Commands)
- Network Compliance/Audit
- Migrations
- Reporting
- Troubleshooting
- Configuration Management

**Challenges?**



**Opportunities?**

**Q/A**

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