



# Forget About The Console

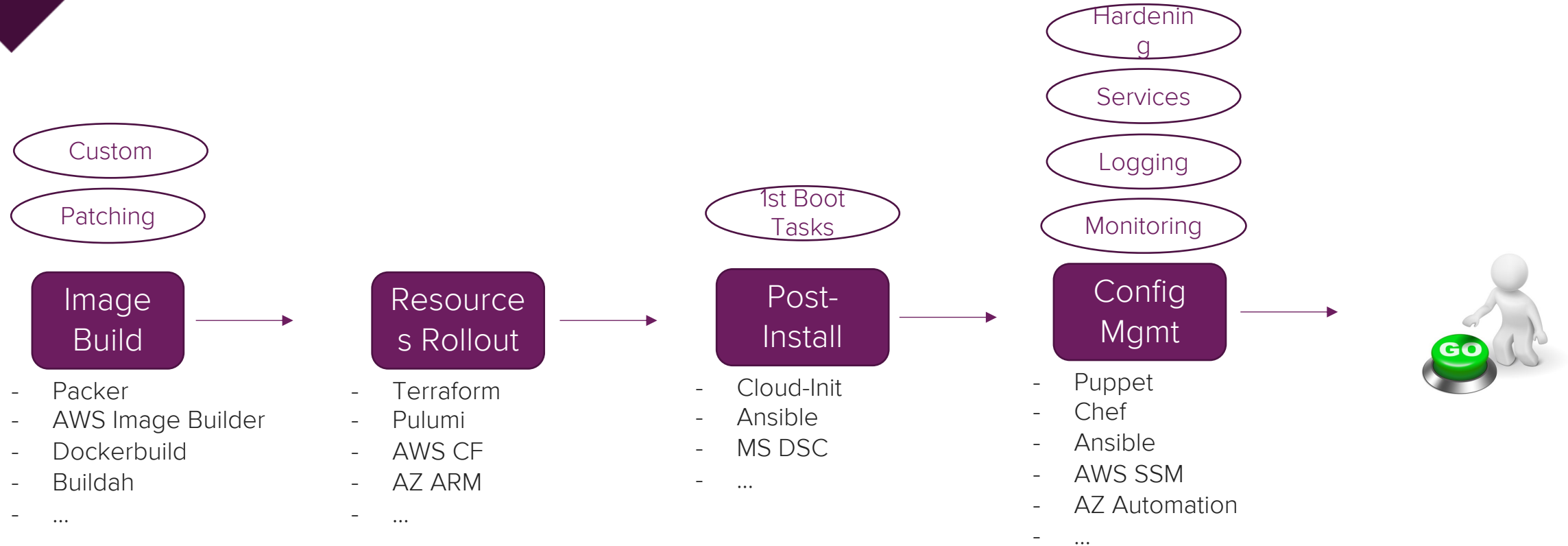
Avoiding Configuration Skews on our IaC Envs

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# Agenda

- Typical IaC Workflow
- IaC Goals
- Everything is fine, until is fine
- Battling Skews
- Discussion

## Typical Workflow



## IaC Goals

- Reduced Human Error and Increased Institutional Knowledge
- Repeatability and Consistency
- Improved Change Tracking and Auditability
- Disaster Recovery

# Everything is fine until is fine

- What if services are down
- What if instances not performing as expected
- Troubleshoot and debugging
- Quick fixes – Trial and Error approach
- Console = CLI
- Who/What track the changes?

## Battling Skews...

- SCM tools can only track what's declared
- Isolate console and CLI - AWS SSM, IAP Proxy, Boundary, Bastions, etc
- OTP Credentials
- Login Notifications - Make some noise
- Falco Project – Kernel events
- OS Query – History, files, ps and ports monitoring
- *Post-mortem* Analysis
- “Flip the pancakes” once in a while







# Thanks for Joining Questions?

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