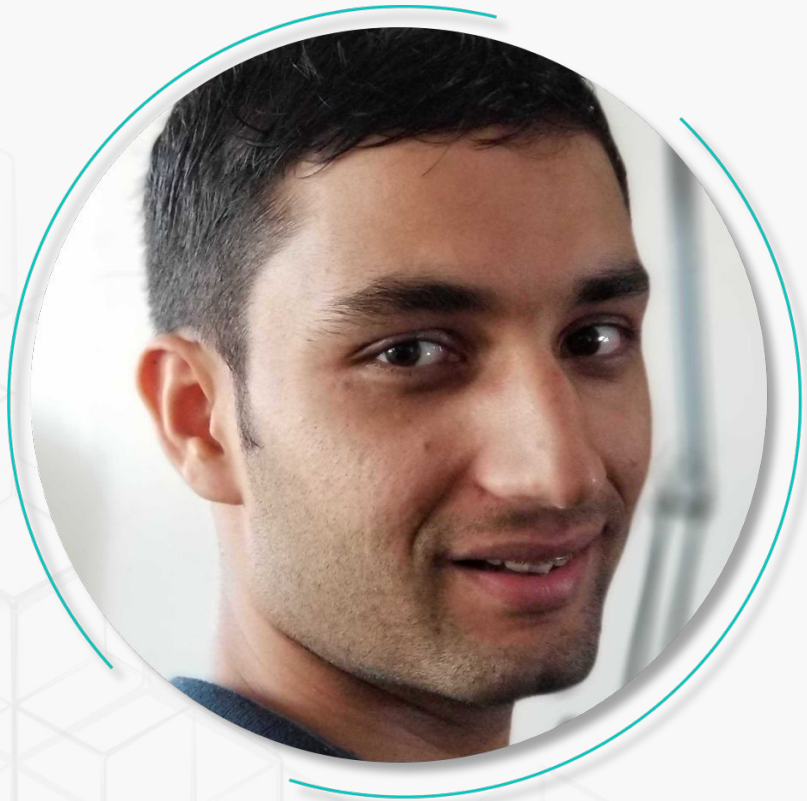


Infrastructure as Code(IaC)

Raju Dawadi
[@dwdRAJU](#)

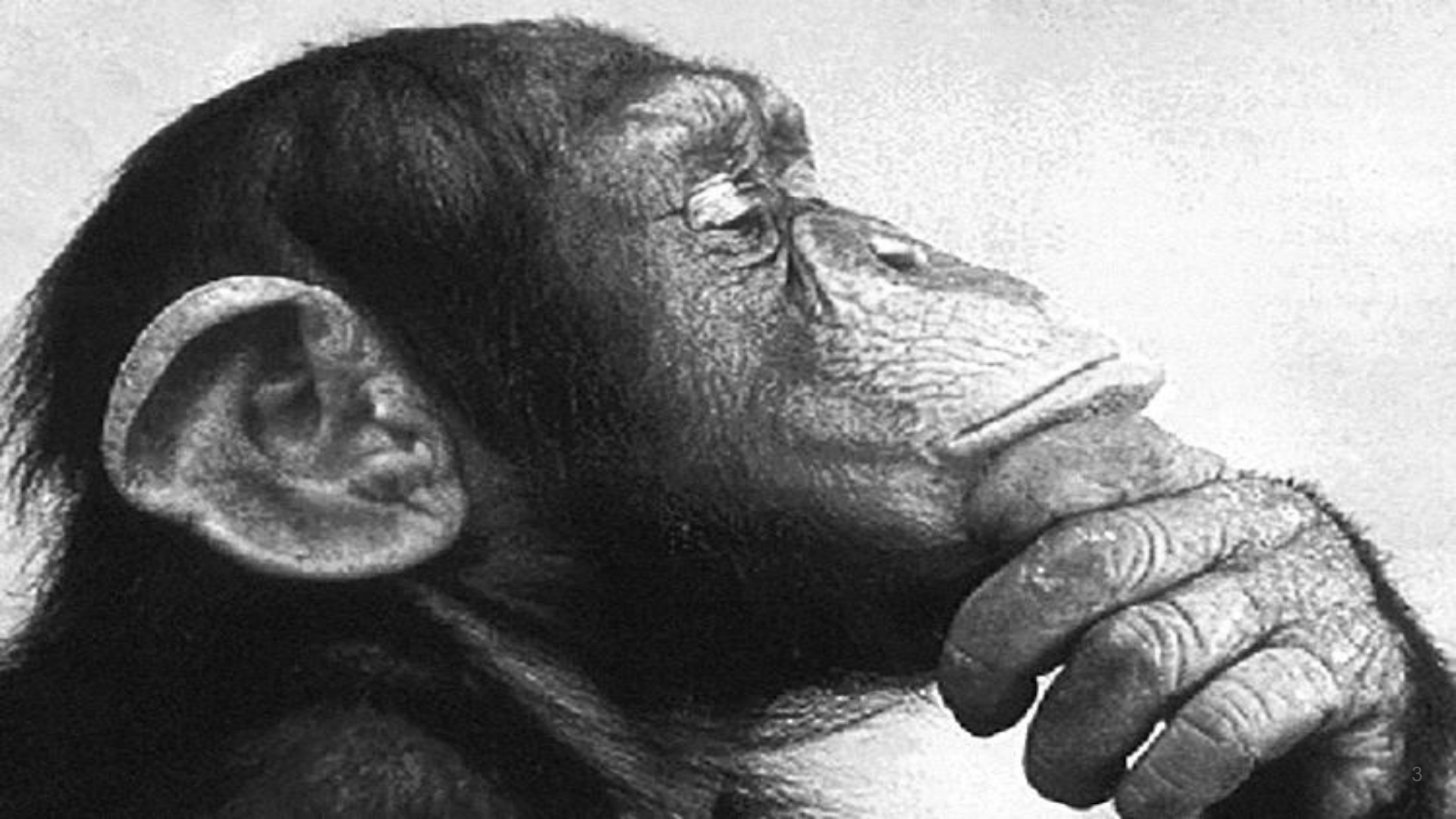




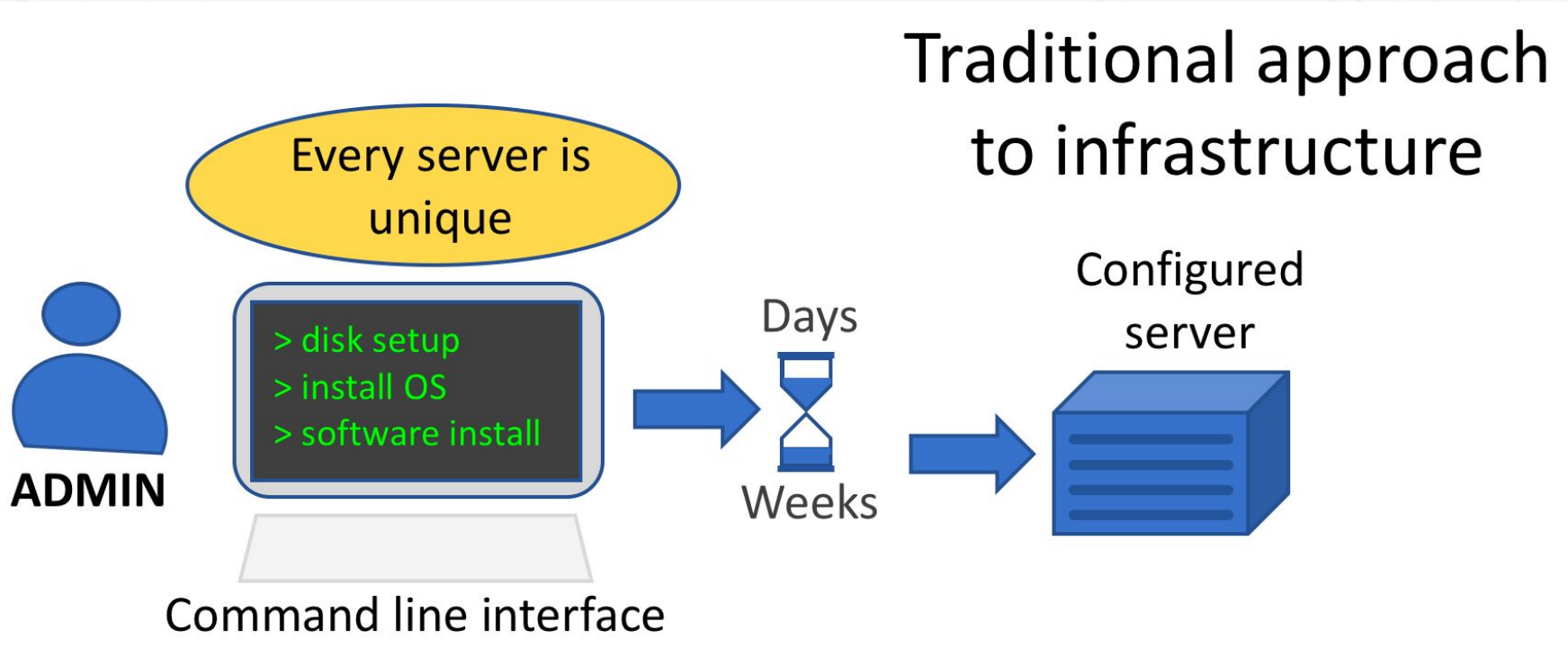
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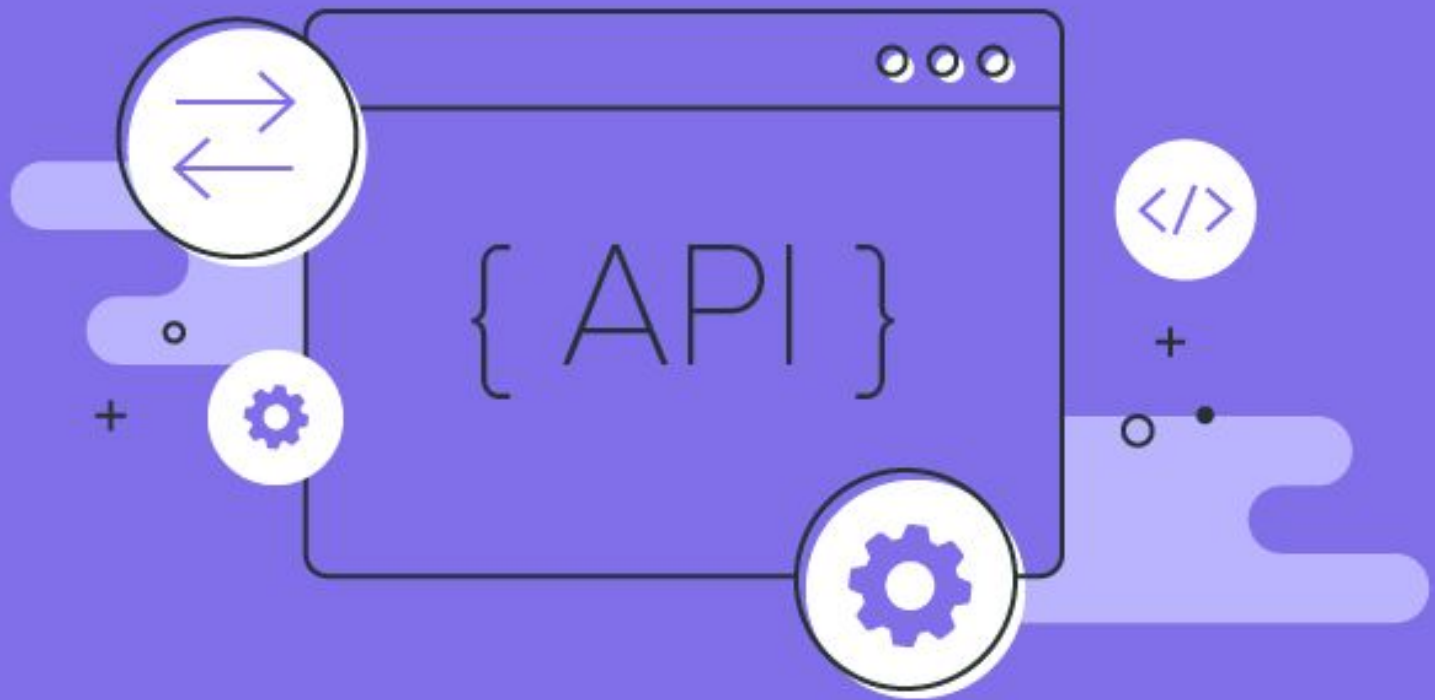
Raju Dawadi

- Google Developer Expert(GDE) Cloud
- DevOps at Pagevamp
- Consulting for startups local and remotely
- Building DevOps Kathmandu Community



Traditional Infrastructure

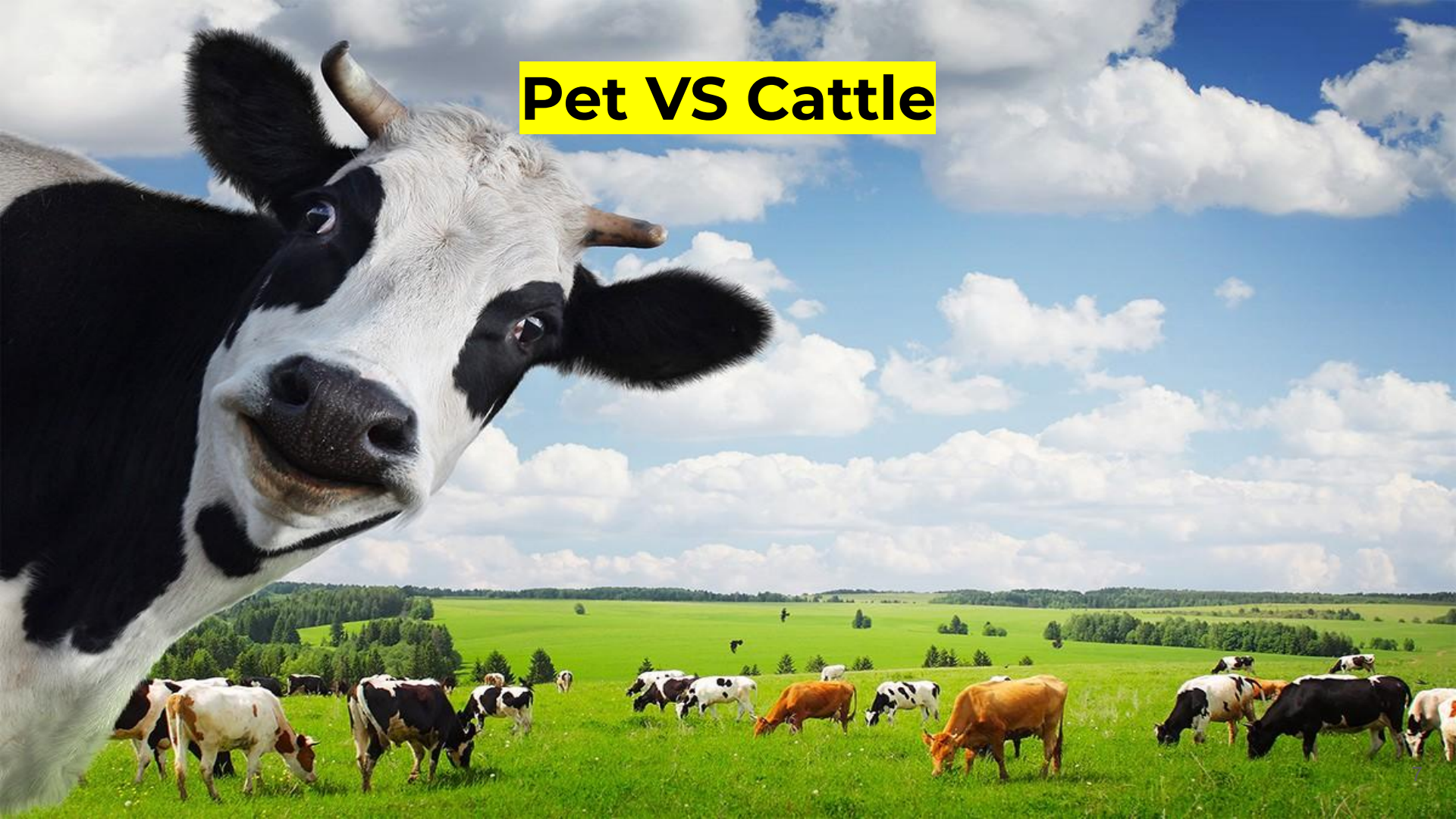




Why IaC ?

- Collaboration of environments, operations and development
- Uniformity from development to production
- API driven architectures
- Prevent Configuration Drift
- Speed, efficiency and stability
- Higher elasticity of infrastructure

Pet VS Cattle



Achieving Infrastructure in codified way

- Treat infrastructure just as any application
- Version control any changes
- Implement approval process
- Automation ! Automation !! Automation !!!
- Focus on re-usability

What Difference Does It Make?



Challenges and Opportunities

- How to connect multiple vendors and providers?
- Automation fear
- Cost of resources
- Time to apply
- Migration/Change in environment
- Accountability and Visibility

thanks

@dwdRAJU

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