

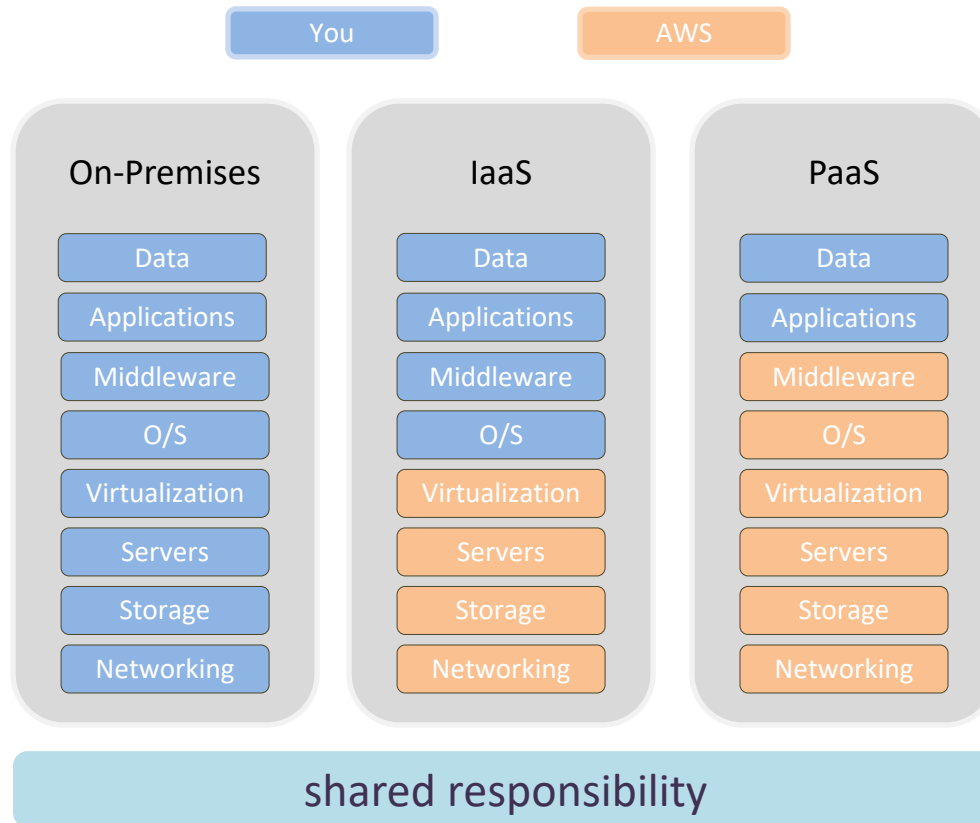
Agenda

- Introductions
- DEFINE - What does it mean to be on the Cloud?
- UNDERSTAND - Current State Architecture - Clarifying Concerns
- IDEATE - Transformation into AWS (Basics)
- SOLVE - Future State Architecture - Addressing Concerns
- REFLECT - Benefits by Comparison
- Live Architecture as we build (Time Permitting)
 - ☐ Running LIVE – <http://demo.rama-arun.info> (Use Chrome)
 - ☐ Reusable CloudFormation Stack
 - ☐ Auto Scaling Notifications and Content via S3

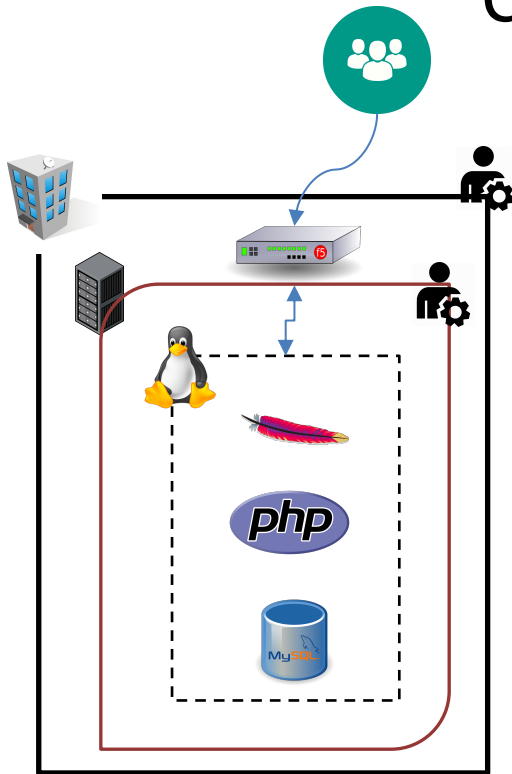


Models of Cloud

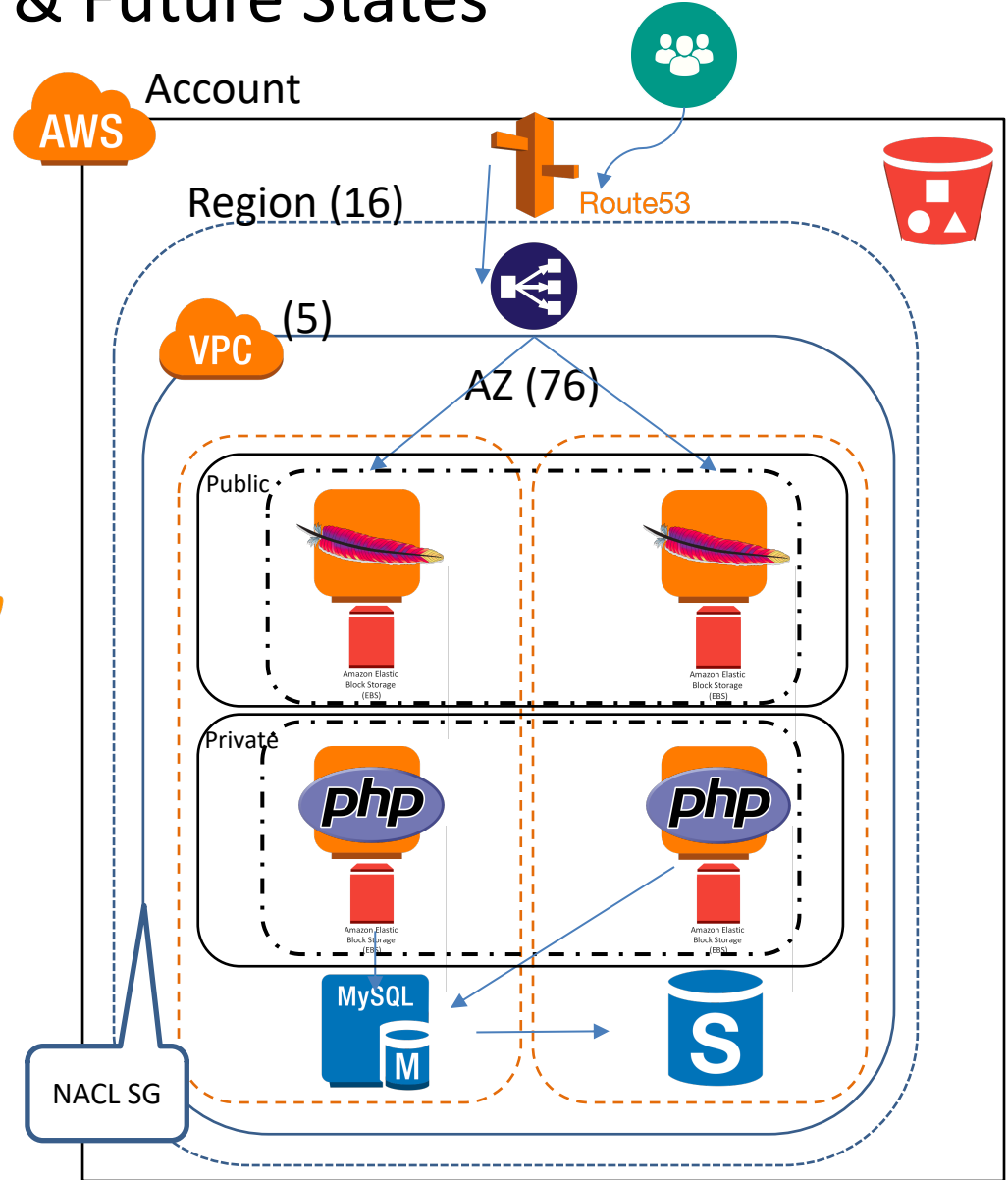
“Where is your hardware?”



Current & Future States



- ☞ Scalability?
- ☞ Self-Healing?
- ☞ DR/HA?
- ☞ Efficiency/Performance?
- ☞ Latency/Coverage?
- ☞ Data Security?
- ☞ Human/Maintenance Cost?



Result

- What was achieved?
 - ✓ Scalability via Auto-Scaling Group
 - ✓ Self-healing infrastructure via Auto-Scaling Group
 - ✓ Disaster Recovery via Multi-AZ deployment
 - ✓ Efficiency in delivering content via S3
 - ✓ Latency via VPC & S3
 - ✓ Data Security via Security Groups and Encrypted EBS

- Notes to get back to you

Thank you!