

# LARGE U.S. TELECOM CO - PCF Cloud Strategy & Transformation

## Business Objective

- Currently they are early adopter of some of the Cloud Native applications
- They are using Mesos and On Premise cloud infrastructure and deploying their microservices
- They wanted to go with full blown Cloud Native infrastructure using PCF and AWS
- They wanted to achieve true horizontal scaling with PCF and AWS
- They also wanted to integrate with corporate LDAP, their application monitoring tools.

## Tools, Technologies & Platforms

- 12 Factor Apps
- Microservices
- RESTful services
- SpringBoot
- Spring Cloud Services
- Docker

## HCL'S Solution

- HCL deployed the PCF in the corporate AWS instance, integrating with their Cloud formation rules and integrated their corporate AD and demonstrated the benefits of using PCF and the elements of 12 factor application it can bring to the table.
- HCL also integrated with Splunk and other application monitoring to enable better health check
- HCL demonstrated the benefit of PCF over Mesos Marathon
- HCL also demonstrated integrating their CI/CD so from developer perspective there is not much change moving from Mesos to PCF
- Also demonstrated Blue green deployment

## Customer Benefits

- Increase in Application density on AWS and their by reducing number of AWS instance, indirectly saving cost
- Improving Developers delivery effort and there by reducing time to market. Developer can pretty much manage the delivery