AGENDA

Introductions
What is aPaaS?
Barclays’ aPaaS Journey
Influencing Change
Challenges and Benefits
Q&A
What is aPaaS?

ACCOUNTABILITY

TECHNOLOGY PLATFORM

COLLABORATION

SUPPORT MODEL

CHARGING
aPaaS: The journey so far...

2014
- Project started to design, engineer and deliver the first aPaaS service
- Red Hat OpenShift chosen as the preferred platform as a service software solution

2015
- Q1 Jan - aPaaS v2 service launched for Non-Production
- Q1 Mar - aPaaS v2 Service launched for Non-Production

2016
- aPaaS v2
  - >100 registered services
  - >1000 apps deployed
- aPaaS v2 Service in eChannels launched
- Q3 July - aPaaS v3 Service launched Production

2017
- Q2 May - aPaaS v3 service launched for Production
- aPaaS V2 & V3
  - Hundreds of services
  - Thousands of applications
  - Thousands of containers
- Q1 Mar - aPaaS v2 Service on AWS launched for Non-Production
ACCOUNTABILITY

- Service Focus
- Introducing Self-Service
- Roles and Responsibilities
- Terms and Conditions
- Introducing Choice e.g. BYOI
SUPPORT MODEL

- New RTB Team
- ‘One Team’ multiskilled
- New Roles
  - Release MGR
  - Capacity MGR
  - Commercial MGR
  - Service Owner
  - Product Owner
- Consultancy/Pre-sales
- Extensive customer documentation
- 24*7*365 TEST and PROD
- Reduced ticketing
  - BCHAT channels chat
COLLABORATION

- Launches
- Extensive marketing
- Drop-ins
- 2-day developer Labs
- Hackathons
- Co-location
- Cloud Adoption Working Group
- Voting pages
- Stakeholder meetings
CHARGING

- Aim for PAYG
- Fixed and variable
- 2015/16/17 project charging
- 2018 OPEX
- Funding for continual growth
aPaaS CHALLENGES

- Readiness for cloud and self service
  - Developers
  - Designers
  - Architects
  - Security
- Cultural change
- Multi-tenancy challenge
- Steep learning curve initially
- Trust to manage capacity
- Application resilience – draining
- De-commissioning
- Finance processes
aPaaS BENEFITS

- DEVOPS enablement
- CI/CD pipelines
- Speed-to-market for environment provision
- Cost – multi-tenancy
- Redeployment of staff to high value roles
- Zero downtime releases
- Capacity re-use
- Auto scaling (V2)
- Collaboration
- PAYG
THANK YOU

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