AGENDA

- Introductions
- Barclays
- What is aPaaS
- Barclays aPaaS Journey
- Barclays Infrastructure
- Influencing Change
- Challenges and Benefits
- Q&A
Barclays Bank plc

Barclays moves, lends, invests and protects money for customers and clients worldwide

- 327 years old, founded 1690
- 80,000 employees in 40 countries, 29,000 in Technology
- Annual revenue ~£20bn (US$26bn)
- 48m customers
- 30% of the annual UK GDP processed every day, ~£600 billion per day
- Meet a financial need for almost 50% of adults in the UK
- £1 in every £3 spent is through Barclaycard
- Operating in the most regulated industry
What is aPaaS?

ACCOUNTABILITY

TECHNOLOGY PLATFORM

COLLABORATION

SUPPORT MODEL

CHARGING
Data Centre architecture
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
Q & A
THANK YOU

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