

virgin atlantic 

 HOLIDAYS



Navigating Cloud First Services



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Adopting a cloud first strategy

Six steps to the cloud

- Assessment
- Proof of Concept
- Data Migration
- Application Migration
- Leveraging the Cloud
- Optimisation Phase

The five R's of the cloud

- Rehost – “lift and shift” or modify underlying architecture
- Refactor – modify the actual application code in some way
- Re-architect – replace or modify the underlying architecture
- Rebuild – replace the underlying architecture or move to cloud-native
- Replace – replace with SaaS for example

One airlines cloud journey

How Virgin Atlantic is using the cloud

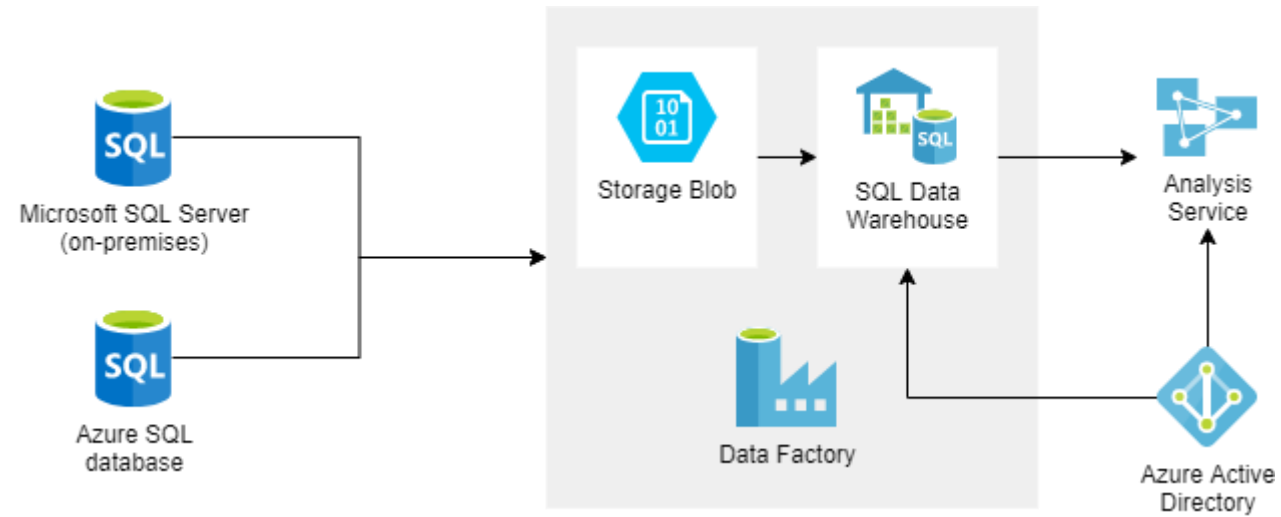
- 1,500 applications over the business, ranging in type, size, complexity, importance
- Goal to move to an API driven environment, at the core is data
- Moving up the stack to APIs, PaaS and SaaS
- API based architecture allows for greater control
- High level of reuse of services

Building cloud ready architecture

- Design the application as a collection of services
- Decouple the data
- Consider communication between components
- Model and design for performance and scalability
- Make security systemic within the application

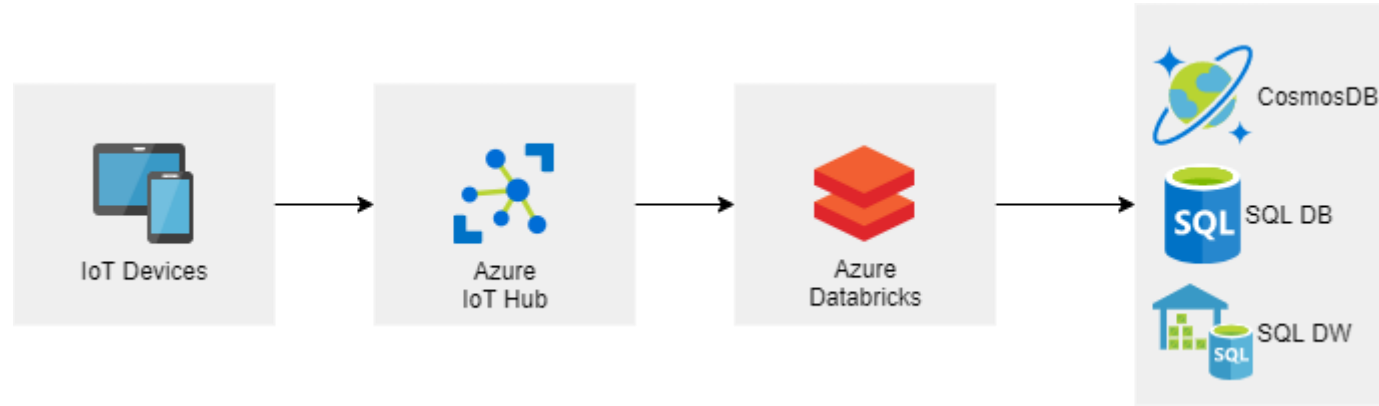
Reference architecture

Sales and marketing analytics



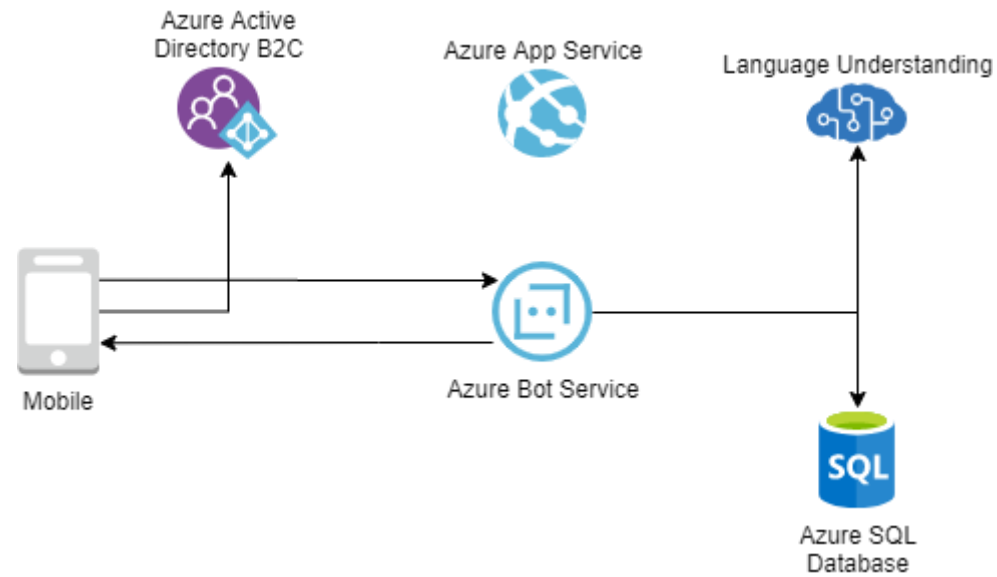
Reference architecture

Internet of Things

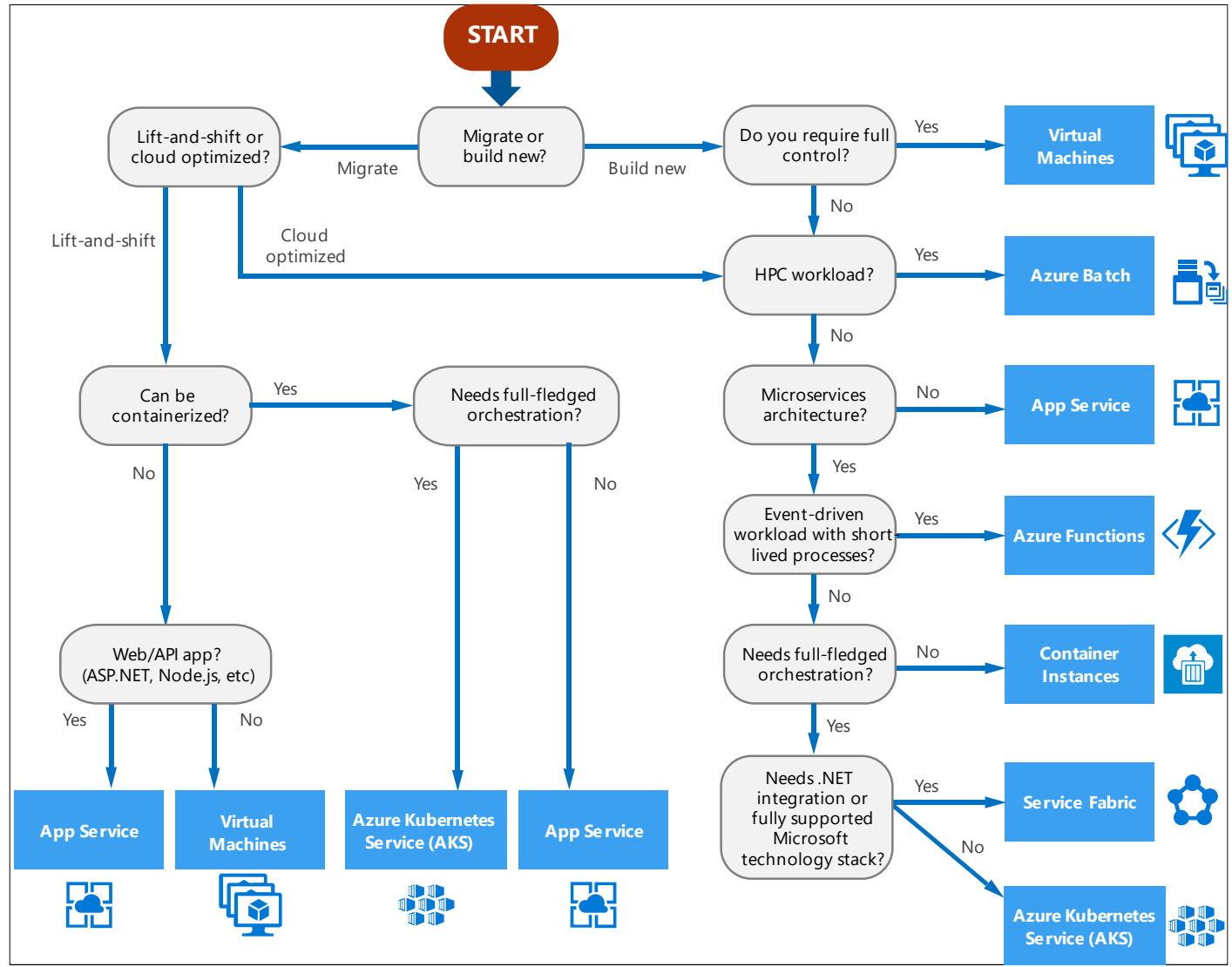


Reference architecture

Chatbot



Choose a compute service



Choose a load balancing service

