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STRATEGIES TO "KUBERNETIFY" LEGACY APPLICATIONS



"...every dollar invested in digital business innovation will require enterprises to spend at least three times that to continuously modernize their legacy apps..."



Containers reduced app downtime & associated costs



Modernization with Kubernetes



EVOLVE OR FALL BEHIND

Escape Vendor Lock-in Reach Customers Everywhere Unlock
Unlimited
Resources

Leverage New Integrations



Recipe for Modernization

Ingredients

- Lift and Shift
- Innovate
- Deconstruct and Refactor



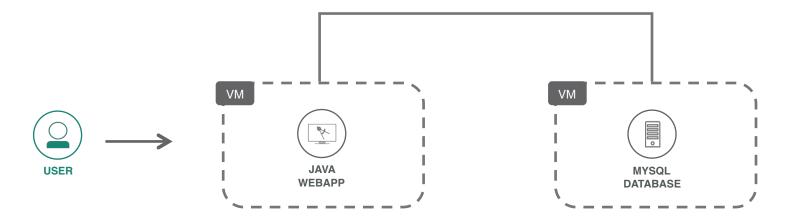


Demo: Modernize a Java app





Old Architecture





Lift and Shift

Pro: Speed with GTM

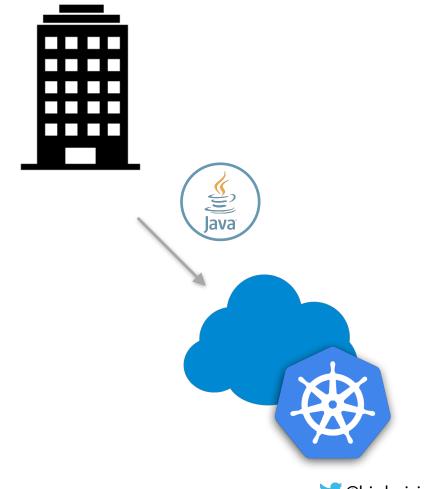
Con: Technical Debt

Strategy:

- Containerize and Kubernetify
- Extract Config
- Create Persistence for Stateful Apps

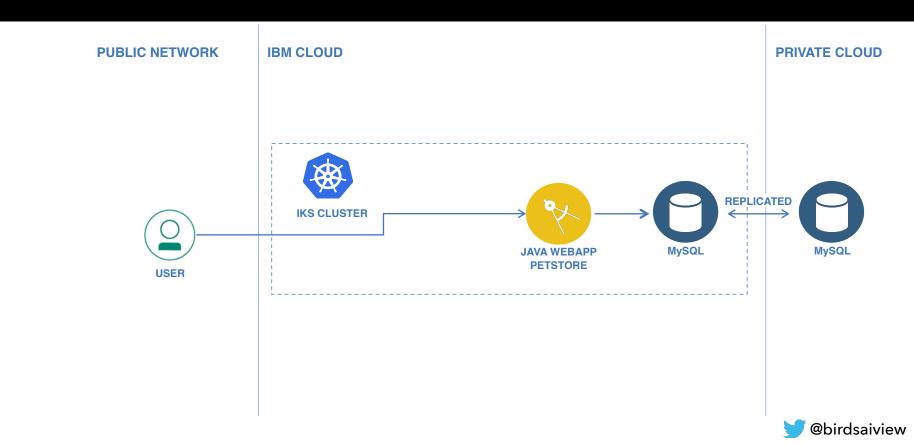


Lift and Shift DEMO





After Lift and Shift



Innovate and Improve

Pro: New end-user experiences

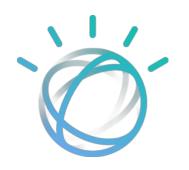
Con: Legacy architecture restrictions

Strategy:

- Create new cloud-native apps
- Build off existing workloads and apps
- Identify bottle-necks



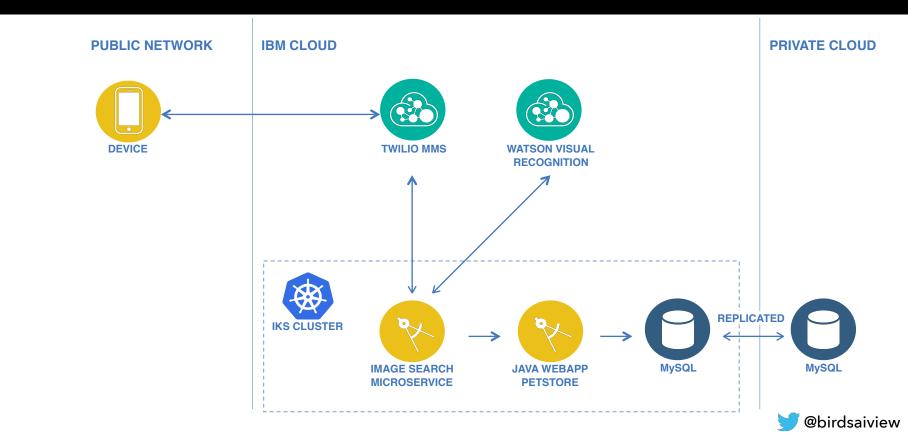
Innovate DEMO



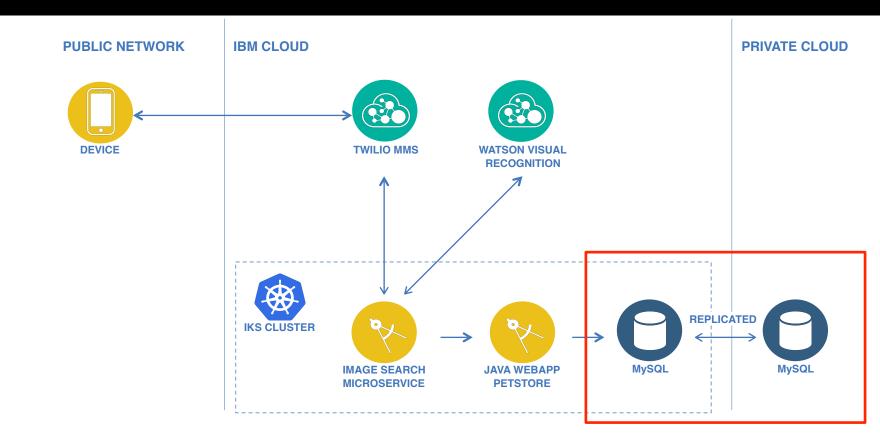




New Architecture



New Architecture



Deconstruct and Refactor

Pro: Performant modern apps

Con: Time-consuming and expensive

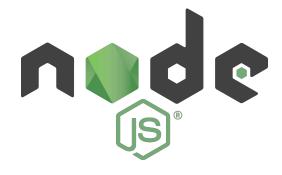
Strategy:

- Identify service to deconstruct
- Create GLUE code (APIs) to modernize legacy apps
- Refactor and eliminate legacy apps



Deconstruct

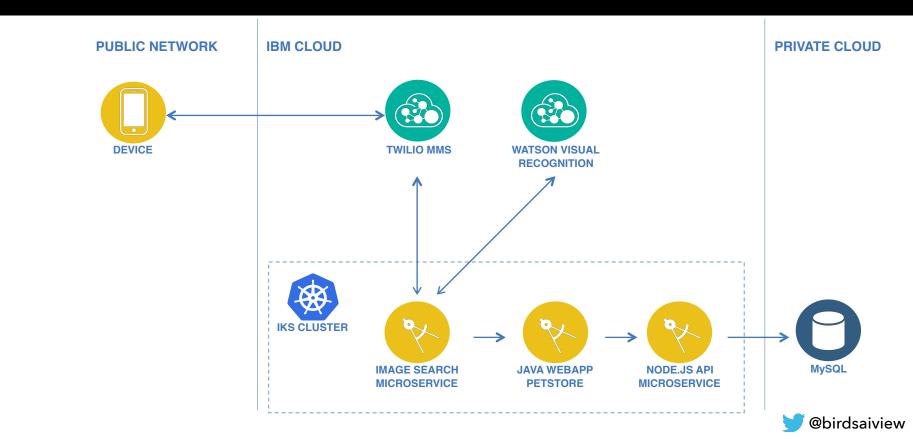
DEMO







New-New Architecture



1. Lift and Shift 2. Innovate 3. Deconstruct



Thank you

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