B14 Mix it up: How your enterprise assets fit perfectly with Bluemix

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Cloud/mobile topics

IMS Connect: Much more than a TCP/IP Gateway!
- IMS Connect as foundational to cloud and mobile alignment

1   **A02**

Evolving mobile systems of engagement in your enterprise
- Discussion of strategic mobile enablement options in IMS

2   **B02**

Mix it up: How your enterprise assets fit perfectly with Bluemix
- Covers publishing z assets as REST services in z/OS Connect all the way to Bluemix and using the secure gateway and API Management services to access the z services

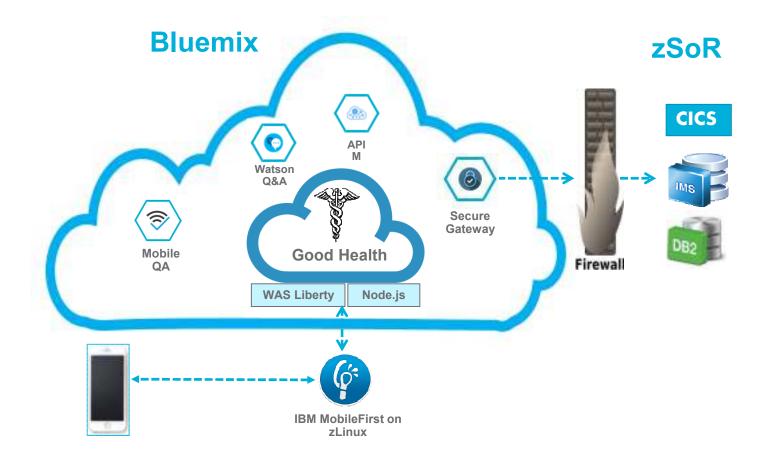**3**   **B14**

I got my REST API for z/OS Connect – Now What?
- Using the IBM MobileFirst platform to build a hybrid mobile application consuming REST/JSON services hosted on the z platform
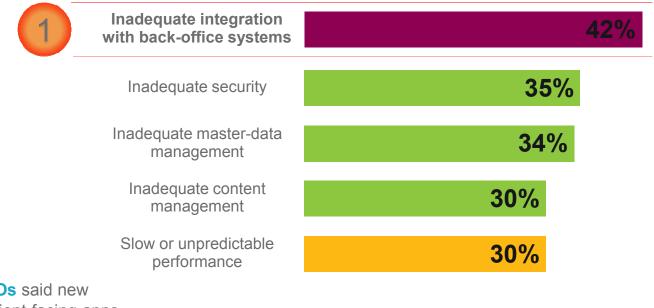
4   **A16**

GoodHealth application

Bluemix

zSoR

API M

Watson Q&A

Mobile QA

Good Health

Secure Gateway

WAS Liberty Node.js

Firewall

CICS

IMS

DB2

IBM MobileFirst on zLinux

System of Record integration

The most significant technical barrier
to creating effective customer-facing systems

1 **Inadequate integration with back-office systems** **42%**

Inadequate security **35%**

Inadequate master-data management **34%**

Inadequate content management **30%**

Slow or unpredictable performance **30%**

91% of CIOs said new customer client-facing apps will access the mainframe
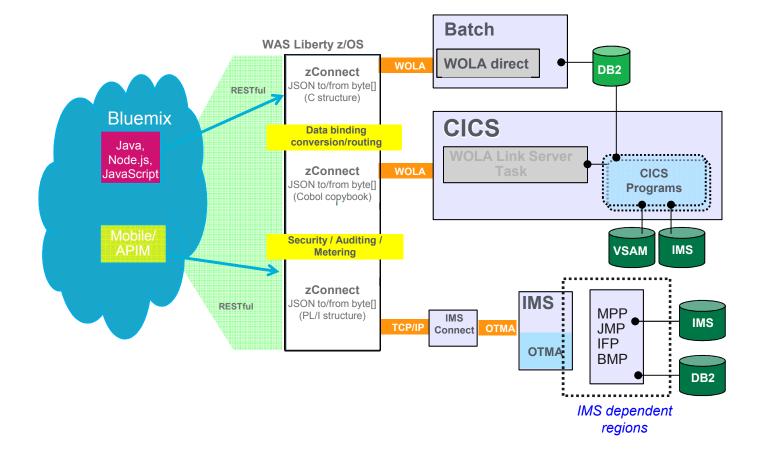
IBM

Consistent enterprise connective for mobile and cloud

- *IBM WebSphere Liberty z/OS Connect* – Shipped with WAS, CICS, and IMS
- *Unifies z/OS connectors* – a common solution for mobile, cloud, and web
- *Simplified integration* – Hide complexity of connecting to z/OS using REST

Mobile-Optimized APIs

Cloud APIs

On-Premise Enterprise APIs

Cloud-based Services

Enterprise Systems Integration

IBM WebSphere Liberty z/OS Connect

Batch, WAS

Enterprise Applications

IMS   DB2

Enterprise Data

CICS, IMS

Enterprise Transaction Processing

Systems of Engagement

Systems of Record
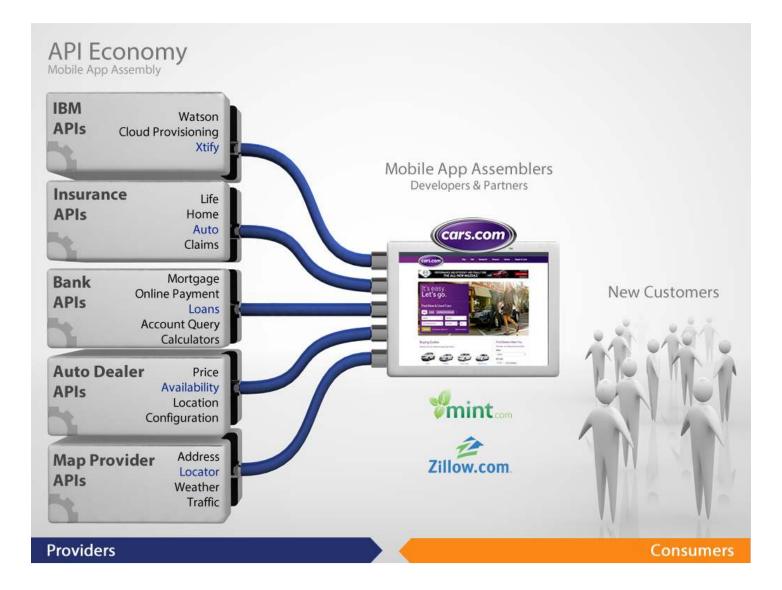
Liberty z/OS Connect

Secure connectivity to Systems of Record

- *Combine mobile and cloud for best of both* – mobile applications in the cloud linked to the enterprise is your competitive advantage
- *Fast time to market of cloud based applications* – combined with the trusted transactions of traditional mainframe systems
- *Securely connect* – leverage data from your existing enterprise systems

Swagger

http://swagger.io/

Bluemix APIm and Secure Gateway services

Premises

SoftLayer

Linux/x86

z

z/OS

Application

API Mgt.

SG

BLUEMIX

Bluemix Secure Gateway Client

Docker

z/OS Connect

CICS

IMS

WebSphere

Batch

DB2

IBM