IBM MobileFirst Hands-on Labs environment with Linux on z Systems and z/OS

Session Nr: 16772 + 16773

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MobileFirst Lab
environment with Linux on z Systems and z/OS

Part1: BASIC

- Install IBM MobileFirst Server in Linux on z Systems in WebSphere Liberty Profile.
- Install IBM MobileFirst Studio to import and deploy a MobileFirst app
- Deploy the Mobile app from the development environment to a production environment.
- Test the functionality in the Mobile Simulator included in MobileFirst Studio.

Part2: ADVANCED

- Familiarize with the concept of MobileFirst Adapters and structure
- Experience with a CICS adapter to access a CICS service via JSON & Mobile2CICS App
- Make use of a SQL adapter and app for a DB2 MobileFirst App.
- Move the CICS and DB2 App into production and test the z/OS access functionality.**?**

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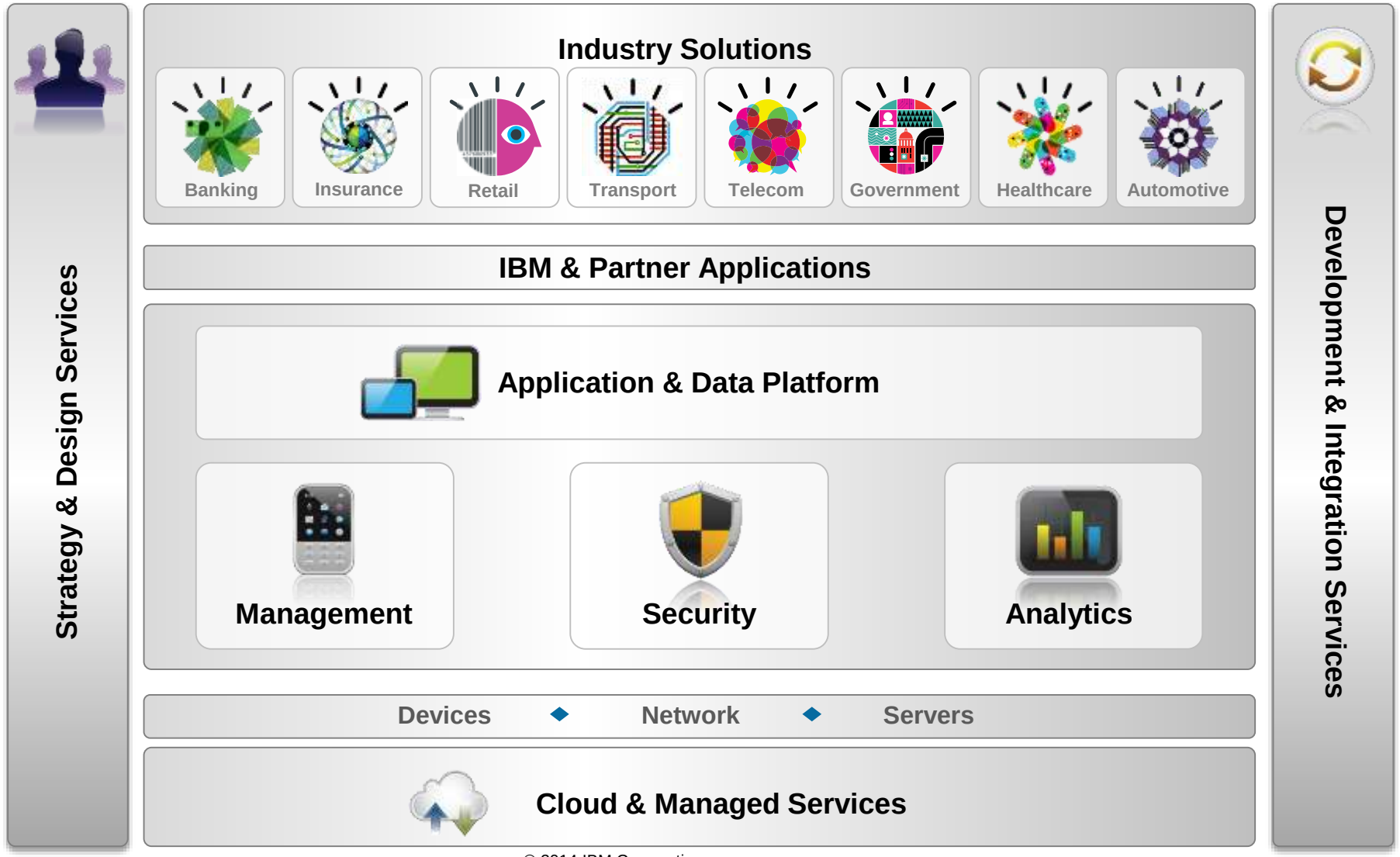
IBM positioning to solve the Mobilizing challenges

MobileFirst Platform – An Enterprise Blueprint



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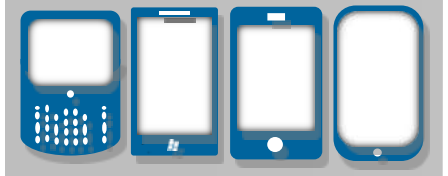
IBM MobileFirst Foundation overview

IBM MobileFirst Studio
The most complete, extensible environment with maximum code reuse and per-device optimization

IBM MobileFirst Server
Unified notifications, runtime skins, version management, security, integration and delivery



IBM MobileFirst Device Runtime Components
Extensive libraries and client APIs that expose and interface with native device functionality

IBM MobileFirst Application Center
The Worklight Application Center can function as an enterprise application storage to deploy mobile applications across mobile platforms.

IBM MobileFirst Worklight Console
A web-based console for real-time analytics and control of your mobile apps and infrastructure

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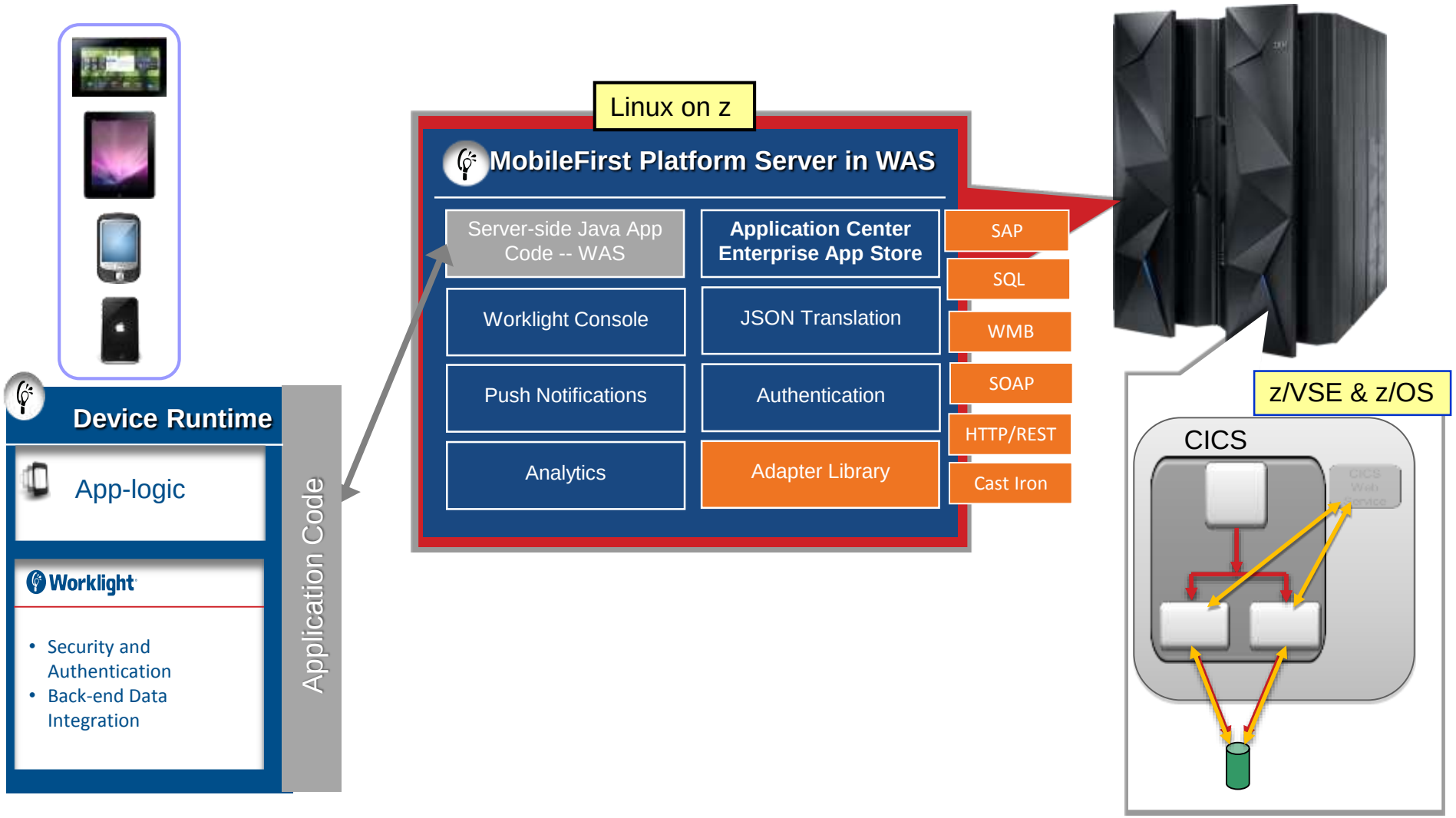
IBM MobileFirst Platform Server in WebSphere



Worklight Video: http://www.youtube.com/watch?feature=player_embedded&v=zHnFw70XXXo

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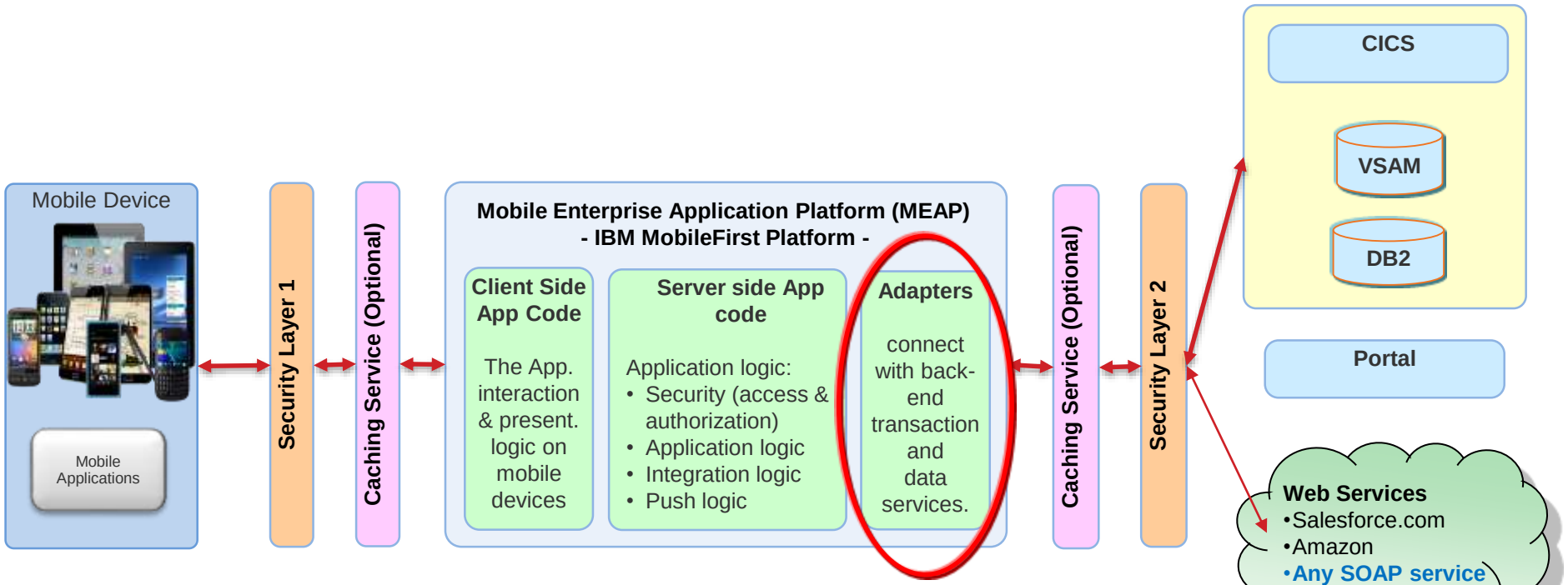
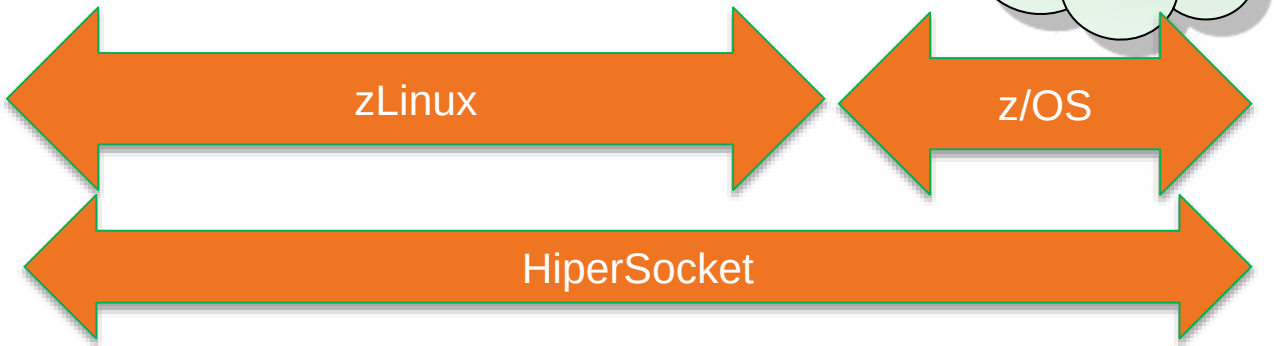
Mobile application overview diagram

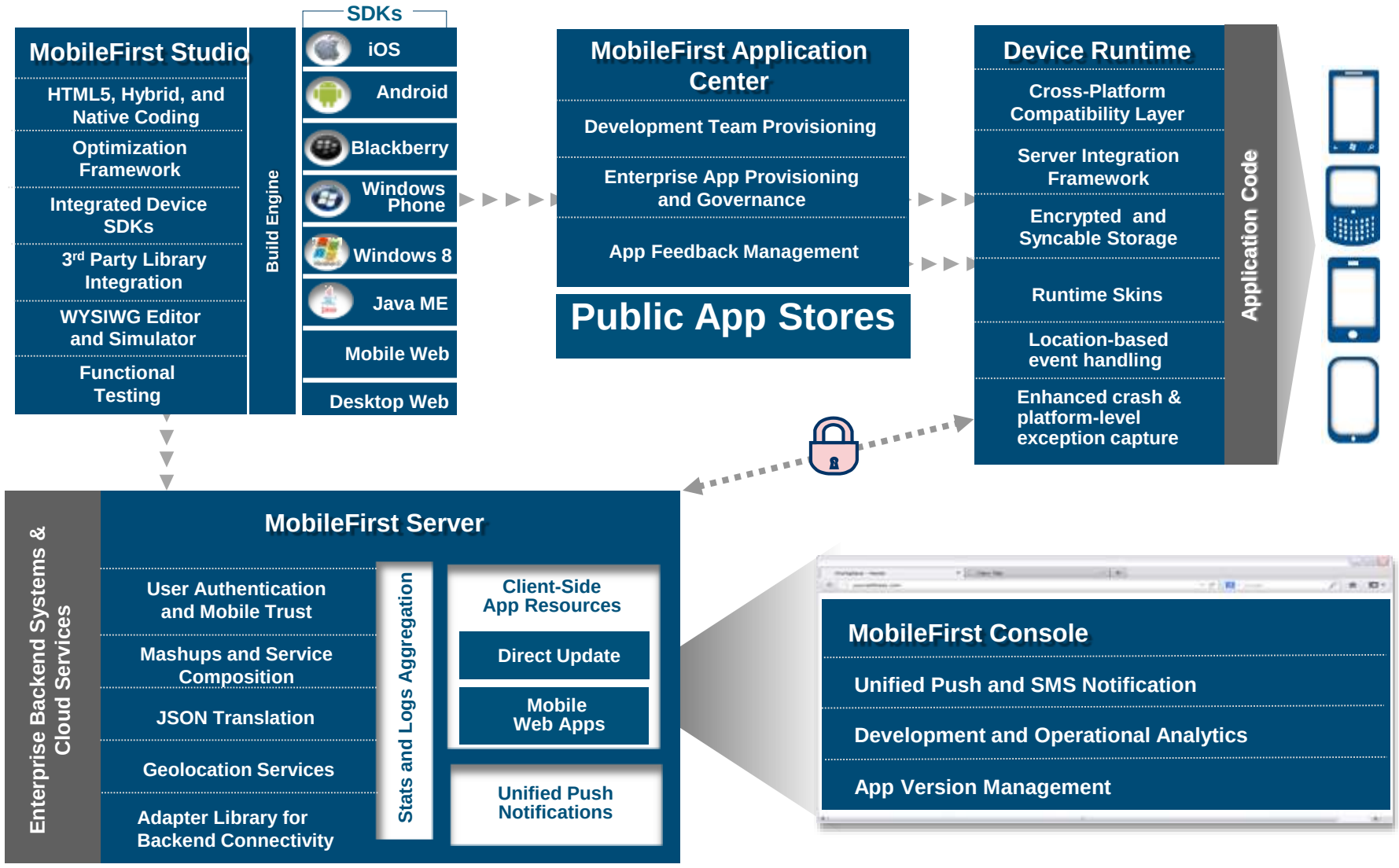


A mobile application needs end-to-end consideration for:
- Transactional integrity
- Data integrity
- Security



Mobile application integration is realized with Worklight Adapters

IBM MobileFirst Foundation Components Overview



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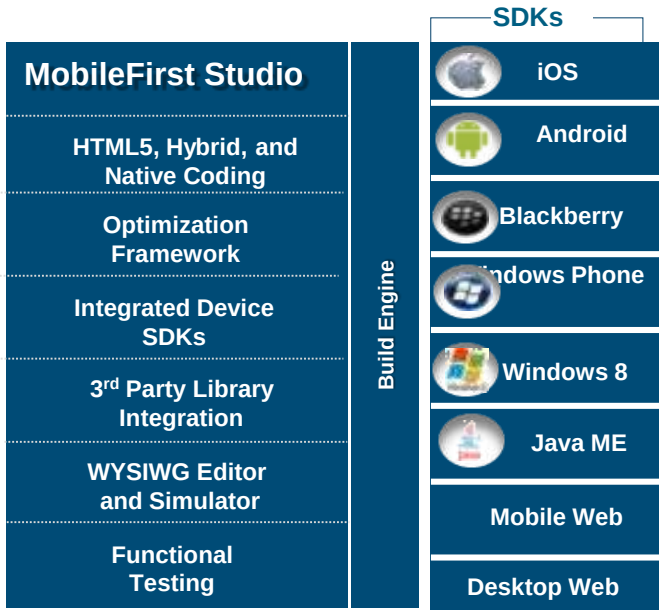
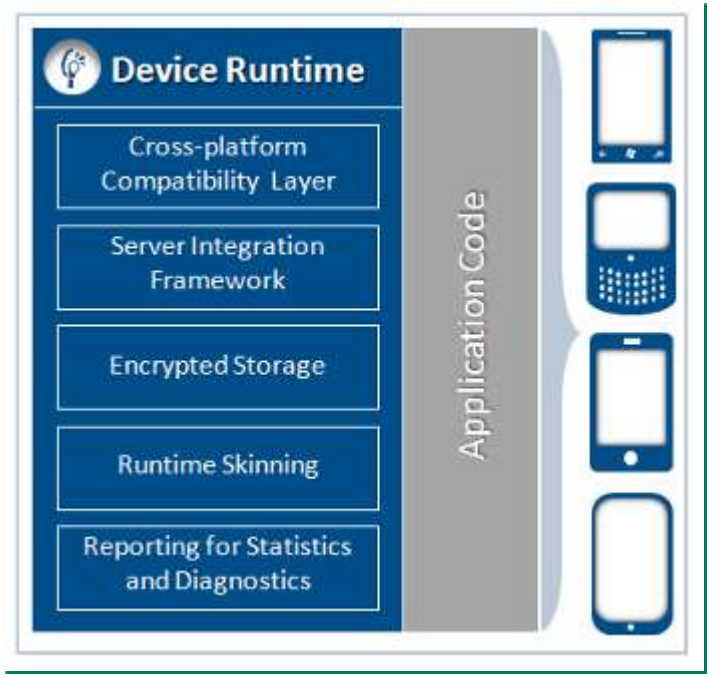
IBM MobileFirst Studio & Device Runtime





Eclipse based mobile **Integrated Development Environment (IDE)**

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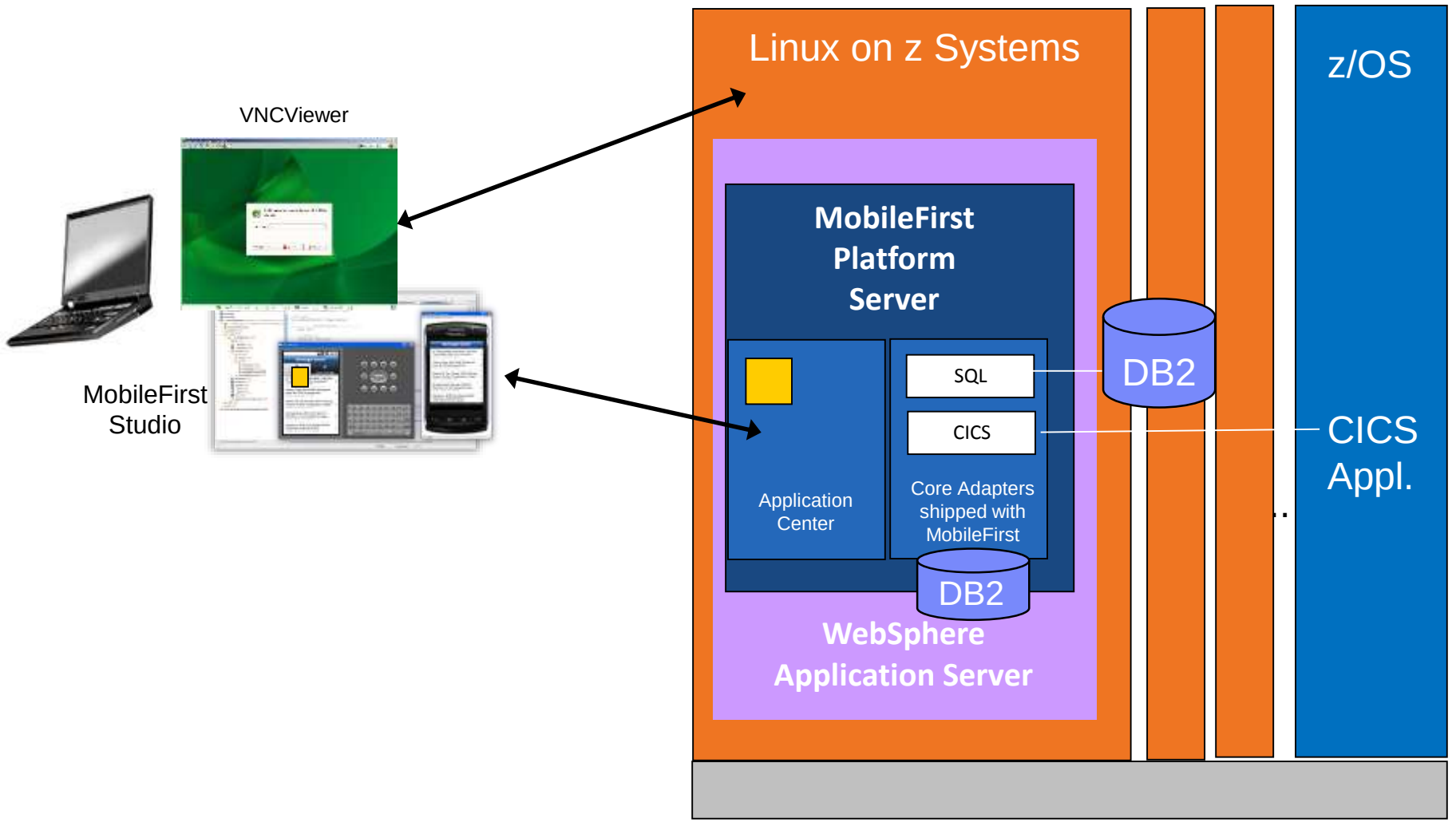
MobileFirst Lab - environment with Linux on z Systems



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