

Meet the Lab

04. - 05. Juni 2014

IBM Labor Boeblingen



IBM Digital Experience in the Cloud?

Stefan Koch

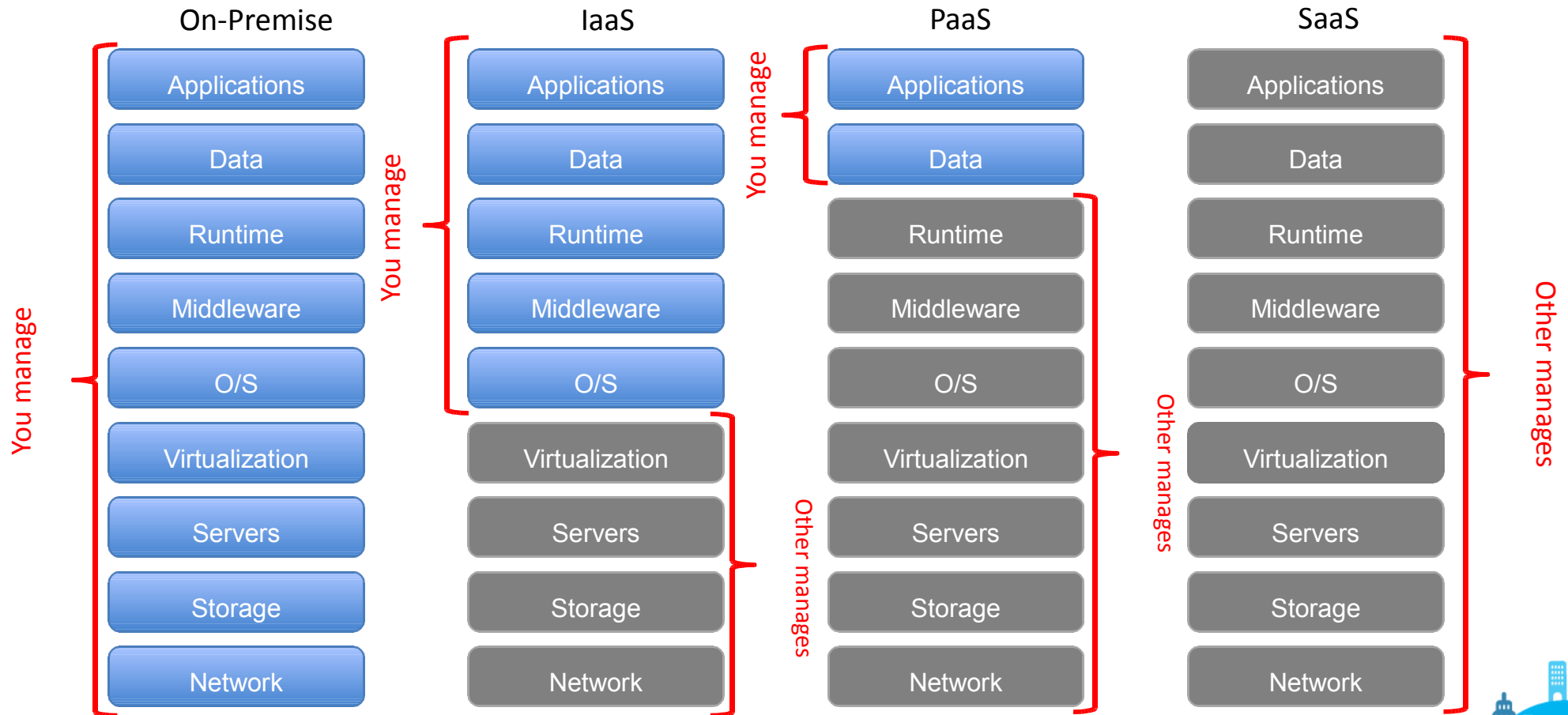
Chief Programmer

IBM Digital Experience

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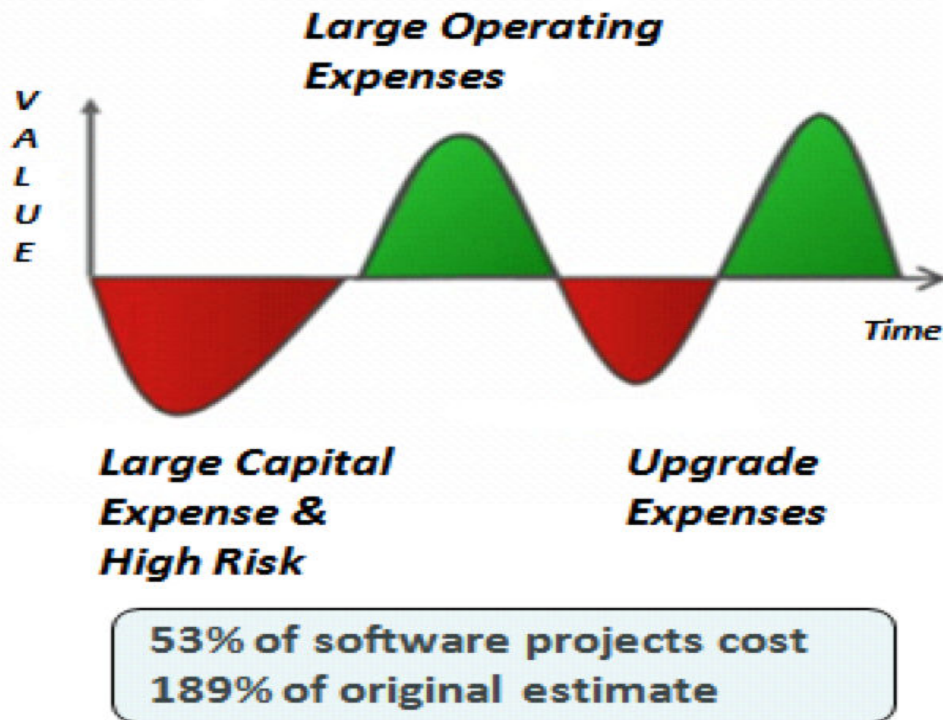
Cloud Definitions and Responsibilities



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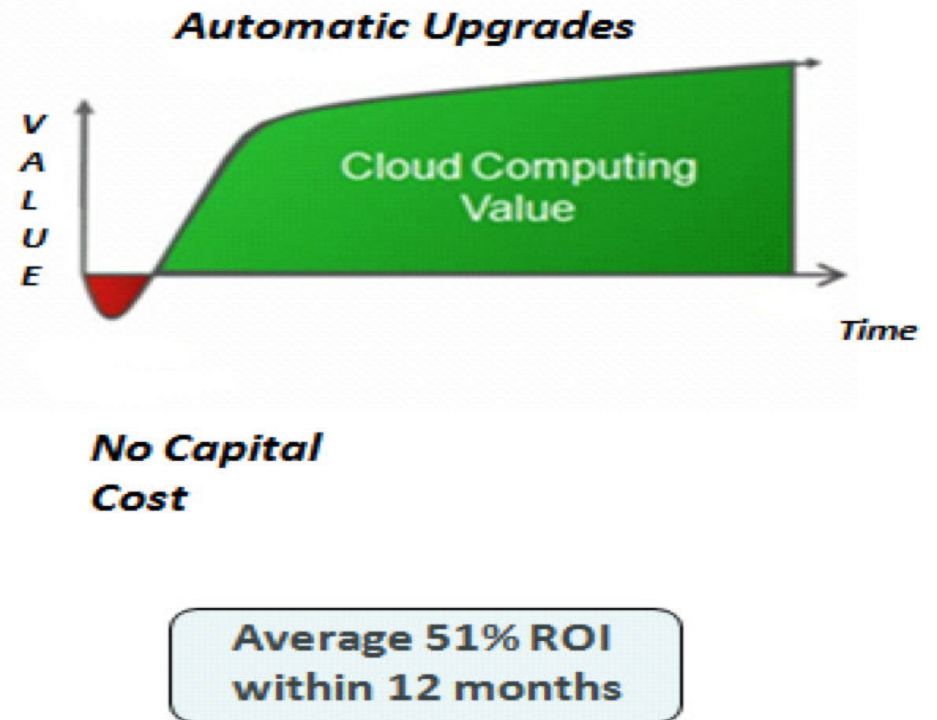


Understanding the Cloud Value Proposition



On Premise

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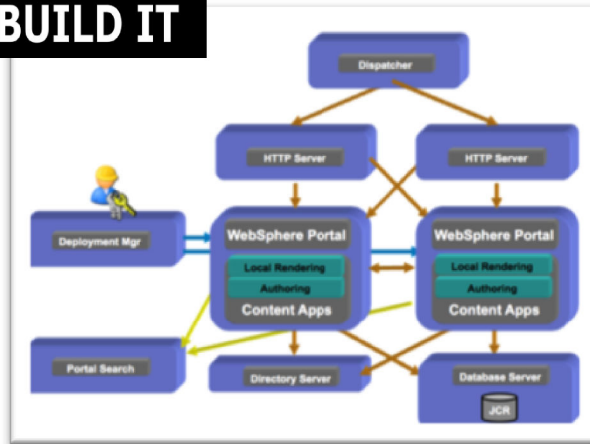


Cloud



IBM Platform as a Services (PaaS) on IBM PureSystems

BUILD IT



- Bring your own

1 -3 weeks

Time takes a WebSphere Portal or IBM Connections administrator to configure deployment & environment manually

PureSystems

30 minutes

Deploy using PureSystems

significant error reduction

Deploy Virtual System Pattern in PureSystems



“Cloud in a Box” - rack includes pattern engine, networking, storage, Hypervisors, system monitoring and management, everything needed to deploy

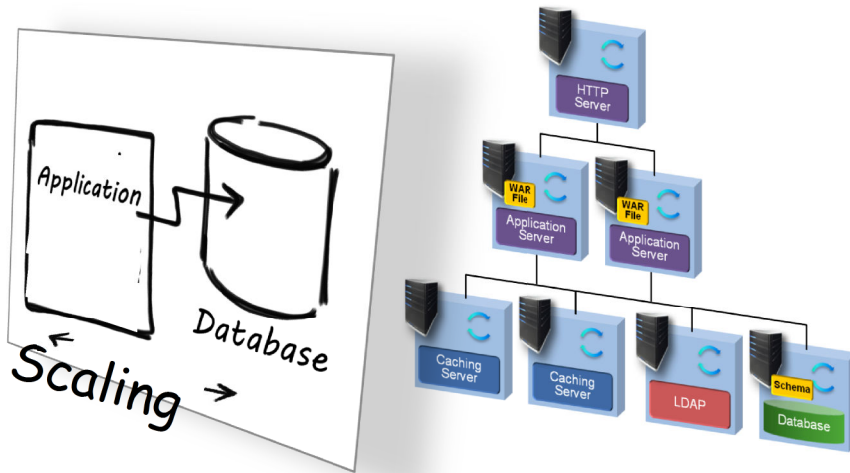
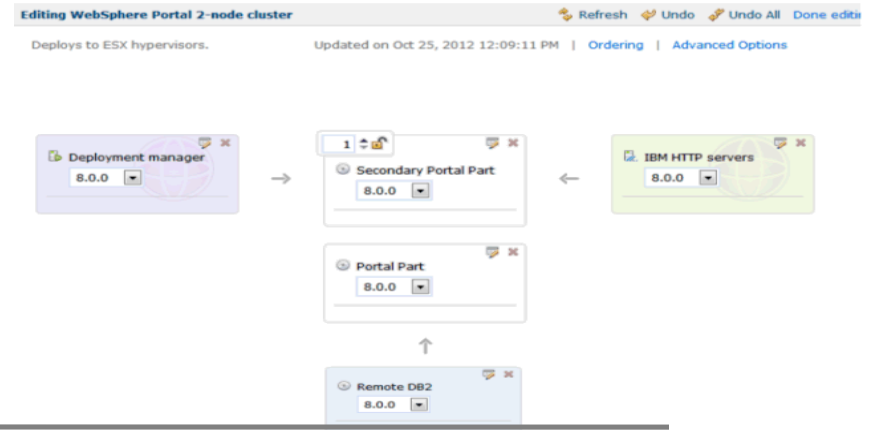
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PureApplication – Pattern Engine Types

■ System Pattern (vSys)

- Middleware skill set and sizings required – customization down to OS and topology
- Abstraction of installation and some configuration
- High Level of customization still possible after deployment



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■ Application Pattern (vApp)

- Autonomic – system controls the topology and software
- Abstraction of entire platform runtime
- Customized via policies (response time, CPU, memory, etc)
- Limited customization after deployment



Cloud – PureApplication System

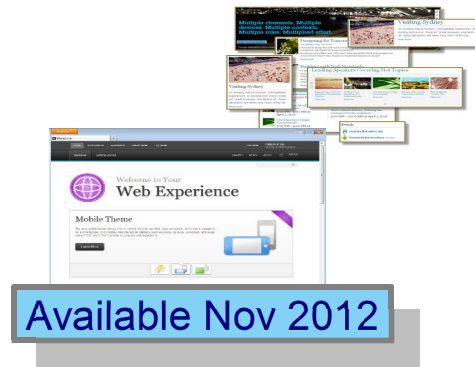


IBM Portal / WCM 7.0.0.2 Hypervisor Edition

- OVA only
- Portal software only
- Ability to draw complex pattern

IBM Web Experience Patterns for IBM Portal/WCM 8.0.0

- OVA, patterns, and script packages all included
- Connections Files and Profiles on WAS8 included by default



Available Dec 2012



IBM Connections 4.0

- 1st release provides OVA only
- IBM Connections 4.0 on WAS 8
- Single, prescribed large topology cluster pattern

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Cloud – PureSystems PureApplication System

IBM Web Experience Patterns for IBM Portal/WCM 8.0.0.1

- OVA, patterns, and script packages all included
- Connections Files and Profiles on WAS8 included by default

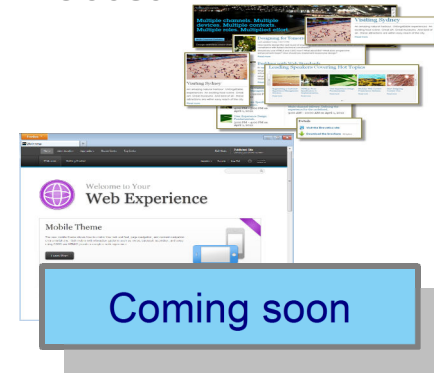


- OVA, patterns, and script packages all included



IBM Digital Experience Patterns for IBM Portal/WCM 8.5

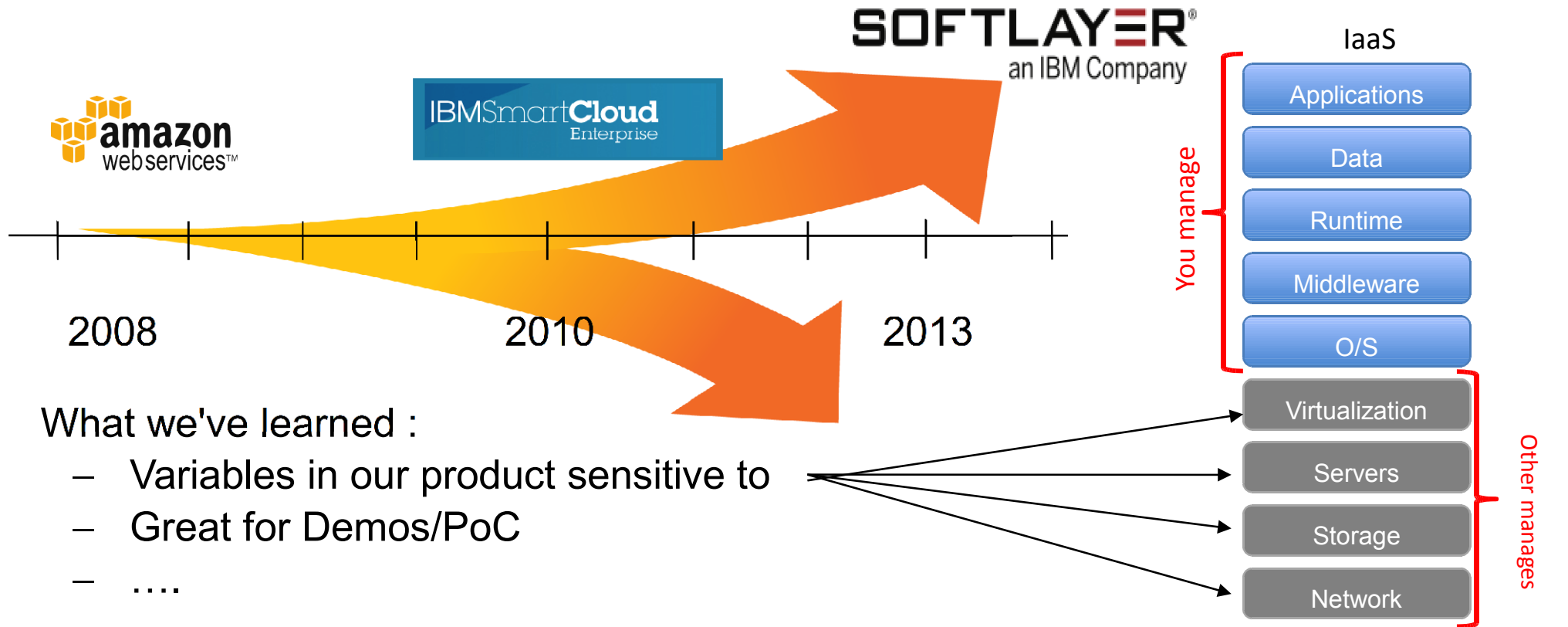
- OVA, patterns, and script packages all included



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Public Cloud



What we've learned :

- Variables in our product sensitive to
- Great for Demos/PoC
-
- Improvements needed : automation / patterns / etc

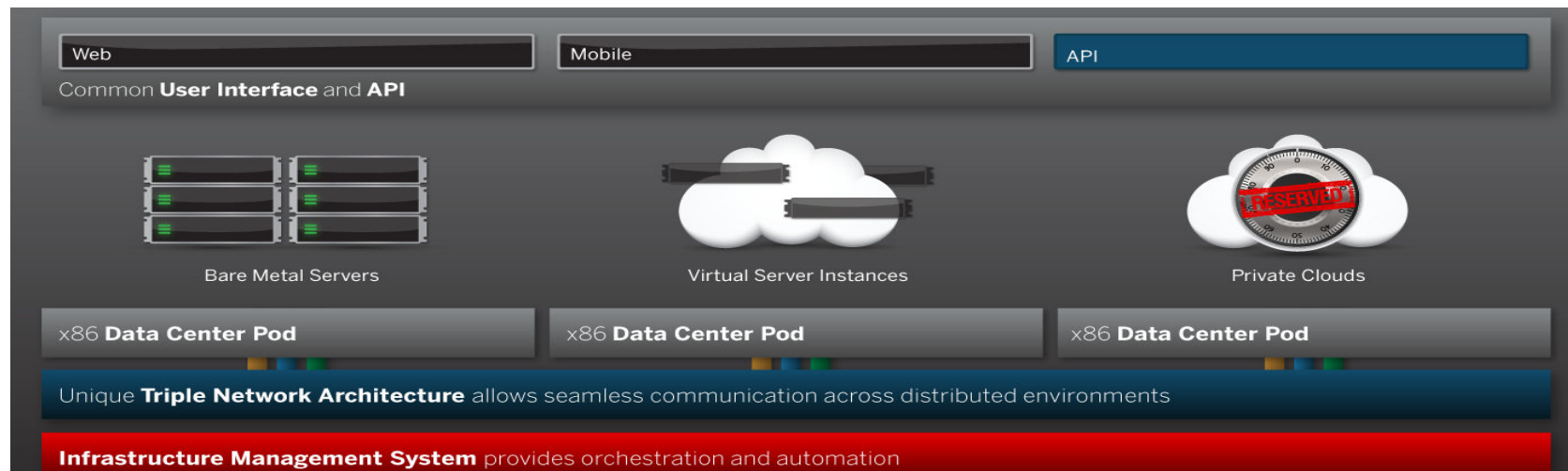
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IBM Infrastructure as a Service (IAAS) on IBM SoftLayer

Unified architecture with common management and programming interfaces

- Common command and control interface across a unified architecture
- Combine bare-metal servers, public cloud instances and private cloud deployments into distributed hybrid architectures and manage from a single control pane and API
- All deployed on-demand and provisioned in real-time
- Ideally suited to big data deployments, high I/O and latency-sensitive apps

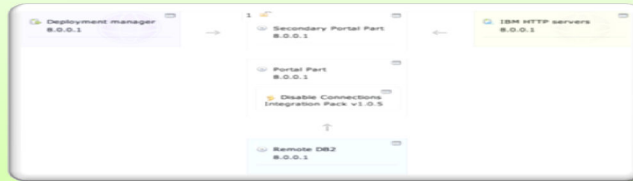


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“Self-Managed” IBM Digital Experience on cloud today

IBM Exceptional Digital Experience Platform Patterns



- ✓ **Patterns and script packages** based on expert practices, deployments that automate setup of simple to complex deployments.
- ✓ **Enables rapid setup and use of fixpacks** and solution updates to Platform Patterns

Private On-Premise



Deploy in Minutes



Move Workloads as Needed

Public Off-Premise



Control | SLA | Specialization | Security | Agility | Price Advantage | Access | Elasticity

Using public and private cloud together, strategically

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IBM Digital Experience in the Cloud Today

SaaS

A Dynamic, Rich Web 2.0 Presence in Only 3 Weeks

Deploy Rich, Compelling Web Content in weeks

Flexible, scalable eForms in as little as two weeks



IBM Smarter Cities

Purpose-Built Software

PaaS



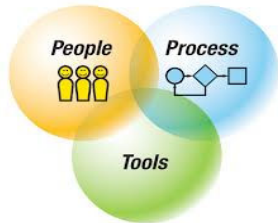
IaaS



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How does cloud change



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Vielen Dank!

Ihr Feedback ist uns wichtig.

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References

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