

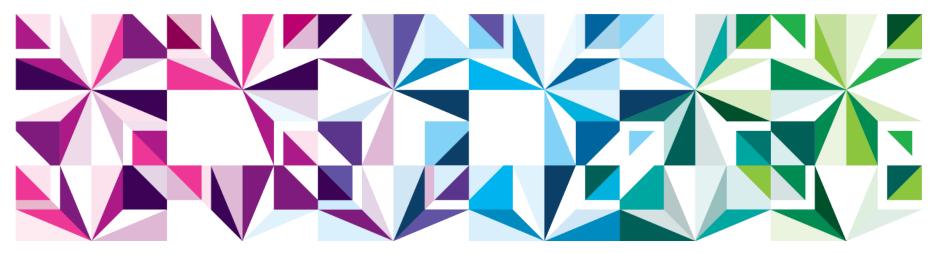
IBM PureSystems and PureApplication System

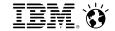
Stuart Foster

UKI Lead Solution Architect PureApplication Systems



@Fozziehere





Building custom systems is difficult

Up & Running

Specify/Design

Takes 2-3 months for an IT infrastructure system

Procure

Software & hardware ordered separately taking 1-3 months

Integrate

Components arrive as "bag of parts" requiring months of integration, configuration & optimization

Deploy

Can take weeks to months

Ongoing Effort

Customize/Tune

Meeting SLAs requires customization and ongoing tuning

Scale

Lack of dynamic elasticity results in cumbersome re-allocation of resources

Manage

Managing and monitoring with multiple tools is time consuming

Maintain

Separate fixes require separate testing

Upgrade

Months to plan, procure and test with the potential for hours or days of downtime

Development Operations

Provision

Up to a month or more for a development or test environment

Configure

Configuration and customization of pre-packaged components is error prone and can take months

^{*}Durations take from a commissioned study conducted by Forrester Consulting on behalf of IBM



ANNOUNCING:

PureSystems

The world's first family of expert integrated systems



The first 2 members of the IBM PureSystems family

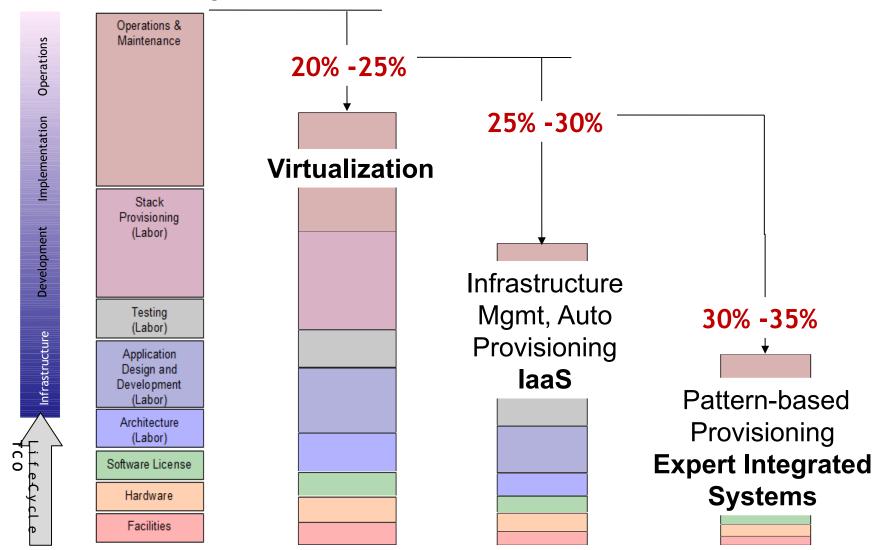
The first members of a new family of expert integrated systems with:

- Built-in expertise to address complex business and operational tasks automatically
- Integration by design to tune systems for optimal performance and efficiency
- Simplified experience from design to purchase to maintenance





PaaS TCO Analysis





IBM PureApplication System A Simple, Efficient, Flexible, Virtualized Application Platform

Complete, Ready-to-Go Systems

Pre-integrated, up and running in <4 hours
Pre-optimized for enterprise application
workloads

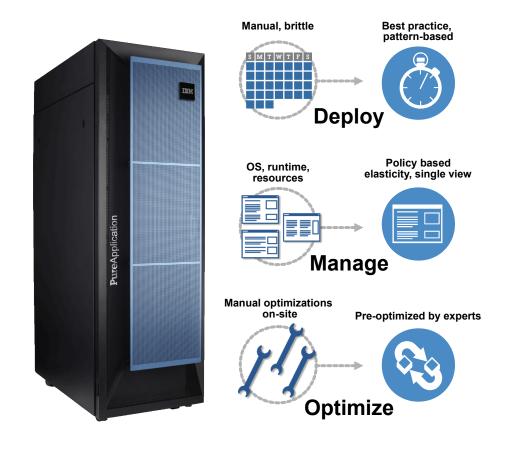
Simplify Ongoing Tasks

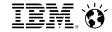
Single point of platform and application management

Repeatable self service application provisioning

Built for Cloud

"Platform as a Service"
Elastic application runtimes





IBM PureApplication System

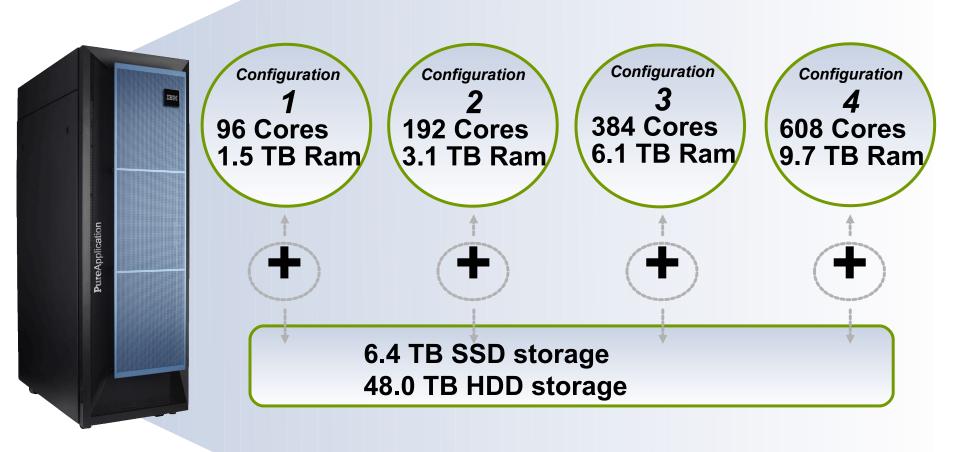
Single IBM Support Number & PID



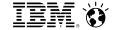
🔷 All-you-can-eat WebSphere(WAS) & DB2 🗢



IBM PureApplication System configurations

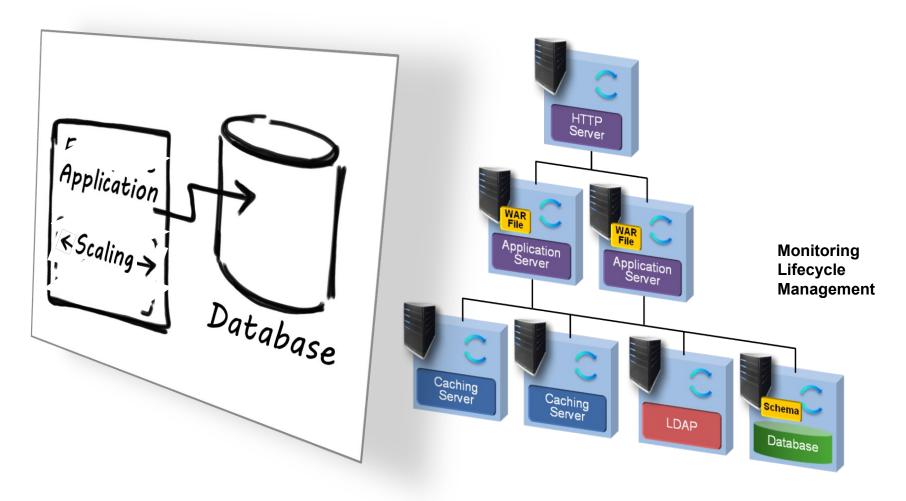


Upgrade to larger systems without taking an outage!



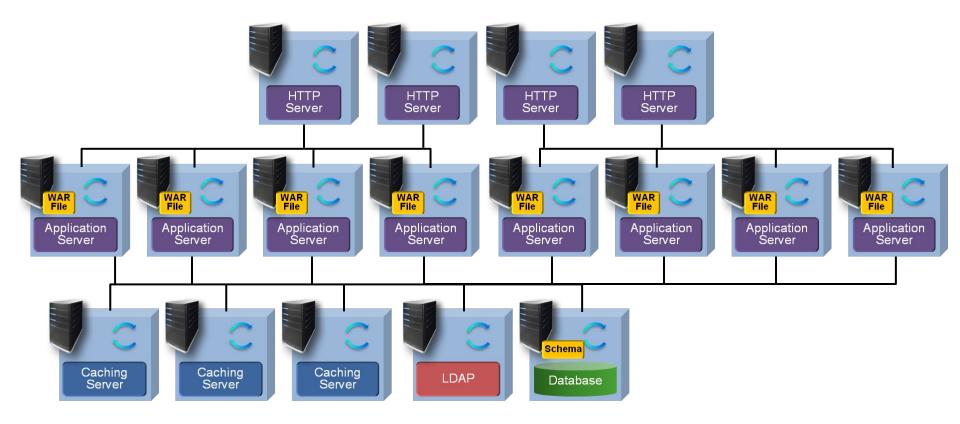
Patterns: What the business wants...

What's required...

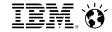




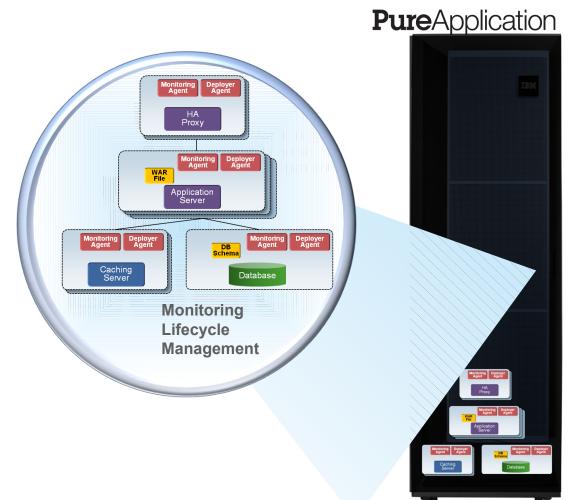
Patterns: What will be needed tomorrow...



Monitoring Lifecycle Management



Patterns: Deploy a fully scalable Web Application



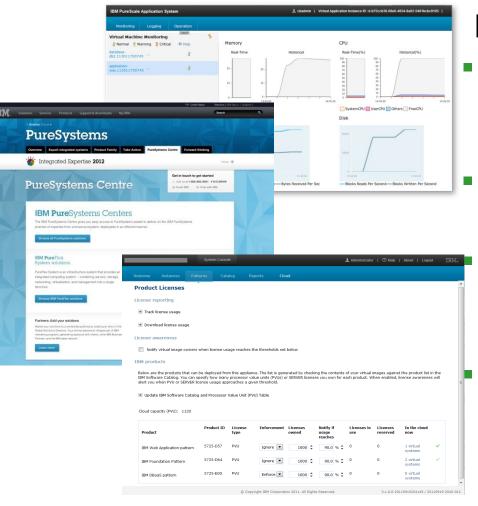
Application Optimization

- Application level isolation multi-tenant
- Dynamic scaling of apps
- · High Availability of apps
- Application level prioritization
- System, Application and VM level monitoring
- Multiple applications and middleware



Expert integrated systems

Simplified Experience - A single management console

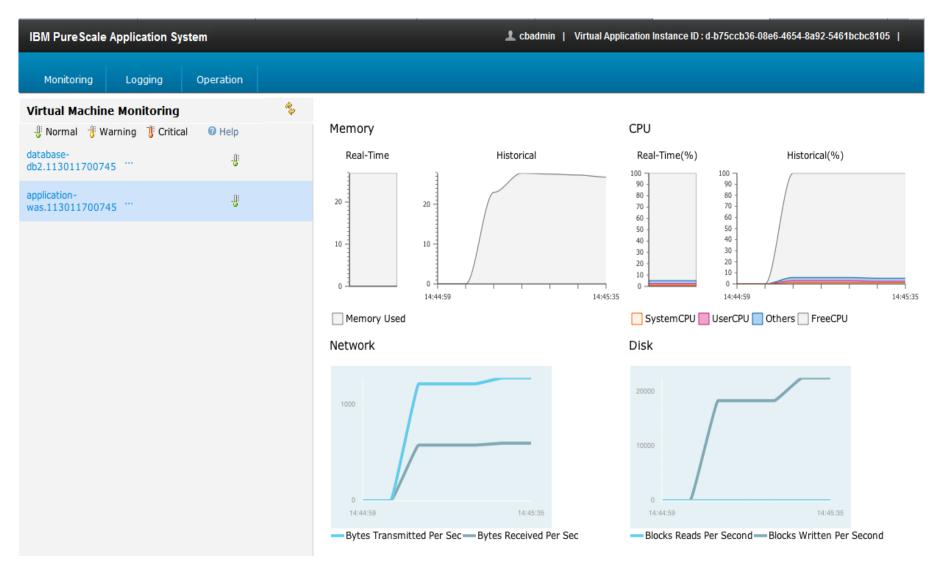


New client experience:

- Integrated, single point of management with roles-based security and tasks
- Real-time monitoring across
 System and workloads
 - **Self service** dev, test and prod environments, provisioned through pre-defined patterns
 - Simplified **license metering**, management, and response

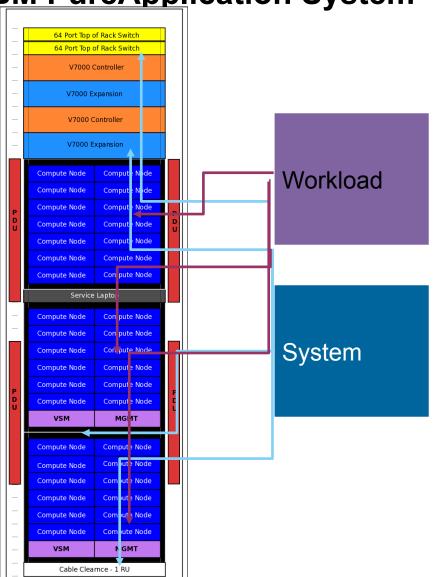


Virtual Application Console: Monitoring for VM



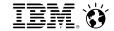


IBM PureApplication System – Maintenance Packages

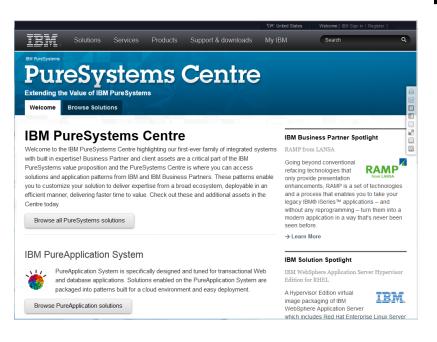


Guest VM and above
OS and Middleware
Patterns deployed to the cloud
Virtual Systems
Virtual Applications

Everything below Guest VM
Hardware and Firmware
Management, Hypervisor,
Compute Nodes, switches,
power, storage, etc



Extensibility from the broadest ecosystem is made easy



New IBM PureSystems Centre:

- Gain access to a broad community of IBM and certified partner expertise
- Download optimized, deployable application patterns from 100+ leading ISV partners
- Search by solution area, industry or system
- Download fixes and patches
- Access to developer community

Also run your existing applications today*











Partner

Ready For









Kingdee金蝶







Fundamo













expertus Manhattan



























































ALPHINAT'

































Additional Content – PureApplication System IBM Workload Patterns and Content Roadmap

Built-in

Additional IBM Content

Web Application Pattern Transactional

Patterns

Database Pattern DataMart Pattern Java Pattern

Images

WAS 7 WAS 8 WAS 8.5** DB2 9.7 DB2 10 RAFW 3.0.0.3

Pre-Entitled

GA

Patterns

Business Process Management Pattern* Portal Pattern Web Content Management Pattern* Messaging Extension for Web App Pattern* SLA Management for SOA Governance Pattern* **Business Intelligence Pattern***

Images

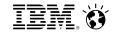
BPM Std and Advanced Editions* Informix* Message Broker 8.0 MQ 7.0.1 WebSphere Portal 7.0 Web Content Management 7.0 WTX w/Launcher

Part of Workload SOD ** To be announced 4/24



Early Client Experiences

- ·Single patching without taking an outage
- Faster time to deploy applications
 - Faster time to value for applications
 - Reduced dev/test resource requirements
- Use for Dev/Test environments PC/Client pre-reqs
 - Fast dev/test environments
 - DB2 pattern in dev and early test vs Oracle production
- Reduced admin/ops with lower skill requirements
- Single support number
- Tighter IT governance & simplification
- Reduced power, space, cooling requirements "Green"



PureExperience (PoC): IBM's investment to prove it

IBM PureExperience Offers the following at no charge:

On-site installation of PureApplication System and guided demonstration of business value

•

Execution of a 10 day on-site service engagement

•

·Use of the PureApplication System for 30 days

.

Lab advocate for usage questions and advice

•

Single point of IBM support and maintenance

•

Commitment to buy at end of PoC / PureExperience





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