IBM SolutionsConnect 2013

L'IBM TechSoftware nouvelle génération

28, 29 et 30 août

IBM Client Center Paris

#solconnect13

Transformez vos opportunités en succès

IBM

IBM SolutionsConnect 2013
L'IBM TechSoftware nouvelle génération

Accélérer le développement d'applications avec DevOps

RAT06

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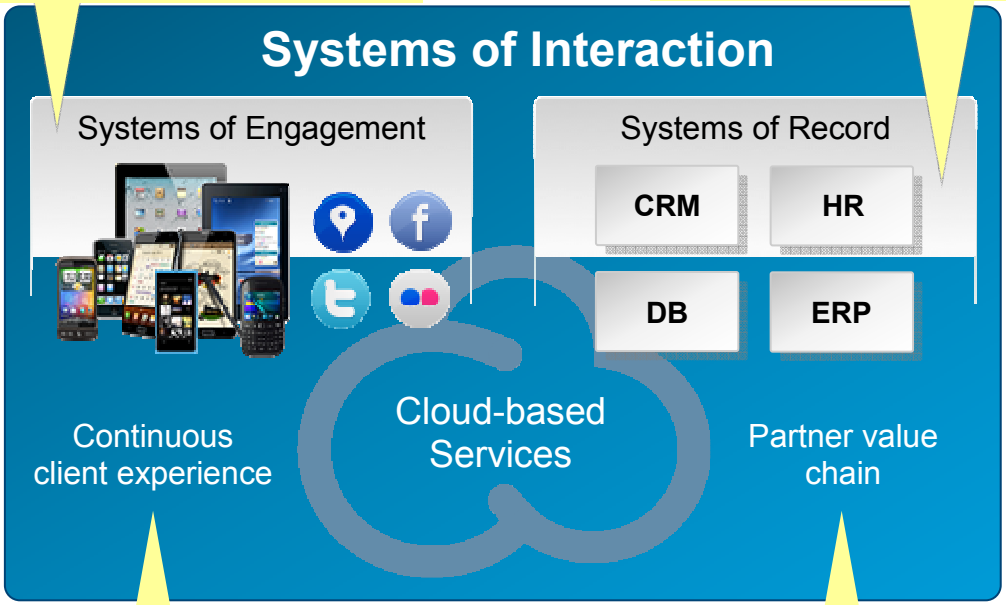
Our Challenges

Line-of-business
Takes too long to introduce or make changes to digital apps and services

Operations
Rapid app releases impacts system stability and compliance

>70%
of resources devoted to maintaining existing systems and products



>80%
of applications rolled back

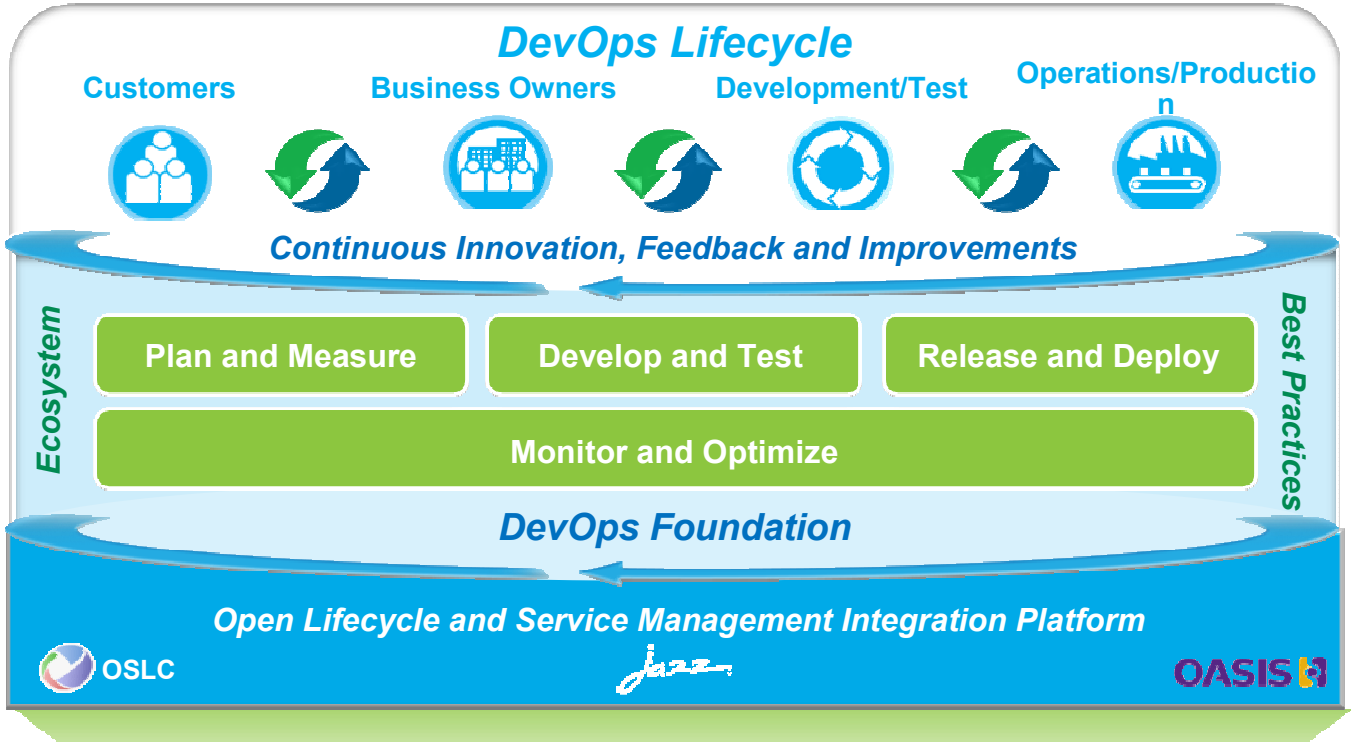
4-6 Weeks
to deliver application changes to customers

>50%
of partnered projects fail to meet objectives

Development/Test
Speed mismatch between faster moving front office and slower moving back office systems, delaying time to get feedback

Suppliers
Delivery in the context of rapid changes

The DevOps approach



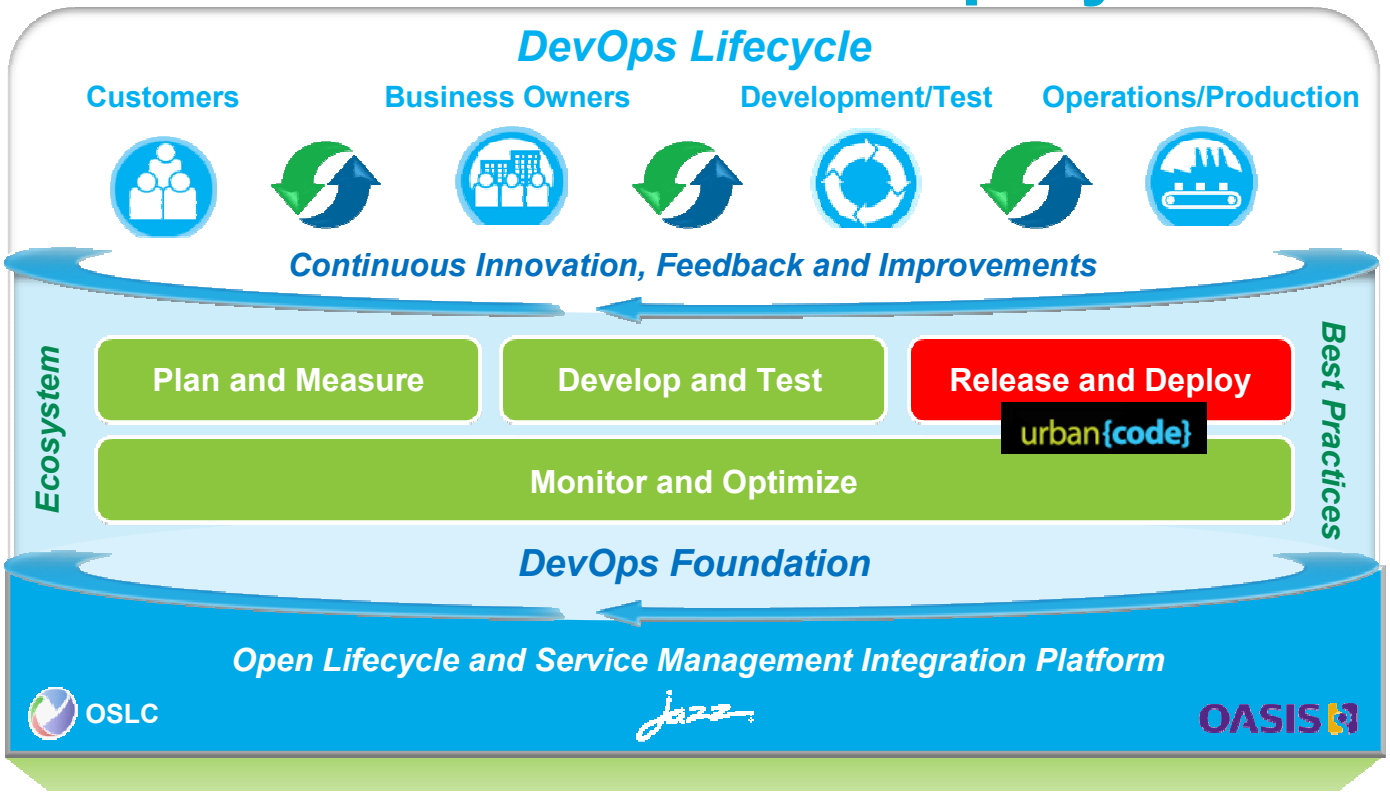
Enterprise capability for continuous software delivery that enables clients to seize market opportunities and reduce time to customer feedback

Accelerate Software Delivery

Balance speed, cost, quality and risk

Reduce time to customer feedback

UrbanCode for Release and Deploy

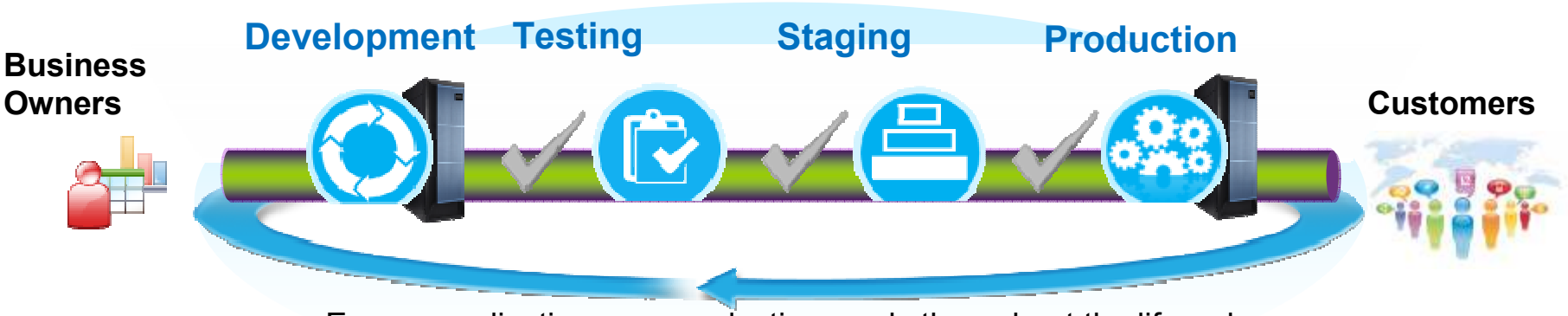


Accelerate Software Delivery

Balance speed, cost, quality and risk

Reduce time to customer feedback

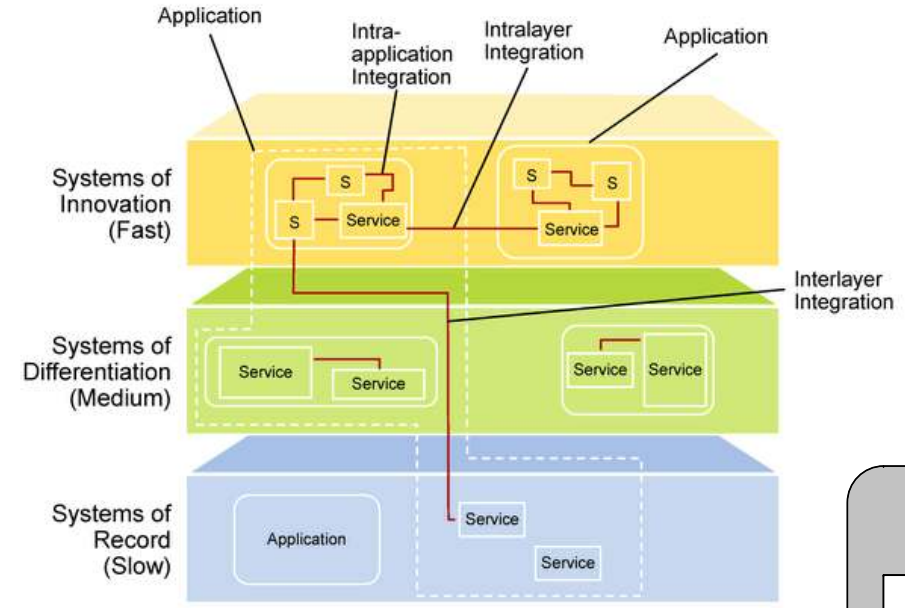
A Continuous Delivery Pipeline



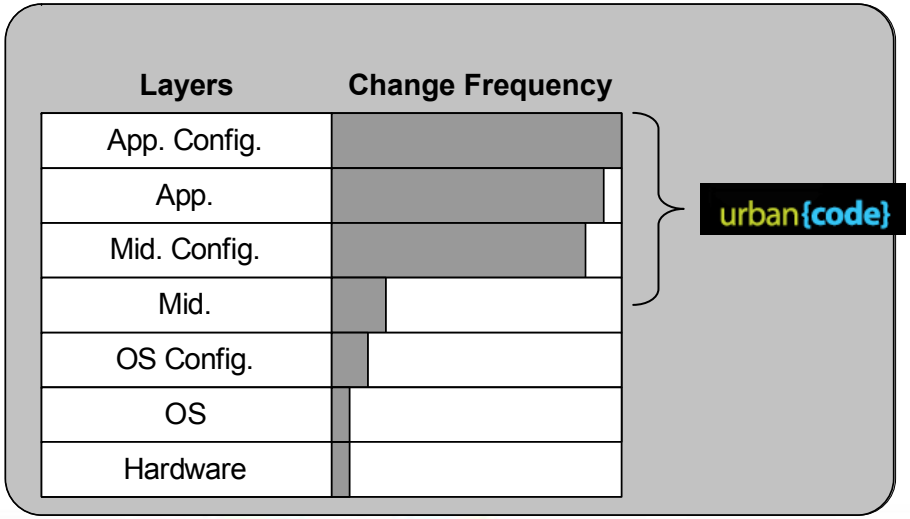
Ensure applications are production-ready throughout the lifecycle
and can be released at any time while minimizing rollback due to quality issues

- Validate on more production-like conditions earlier
- Automate hand-offs/promotions to increase velocity through the different stages
- Standardization on processes and assets between Dev and Ops
- Automated monitoring and dashboarding of quality and performance against service level agreements at multiple stages

Where are the changes?



Source: Gartner (October 2012)

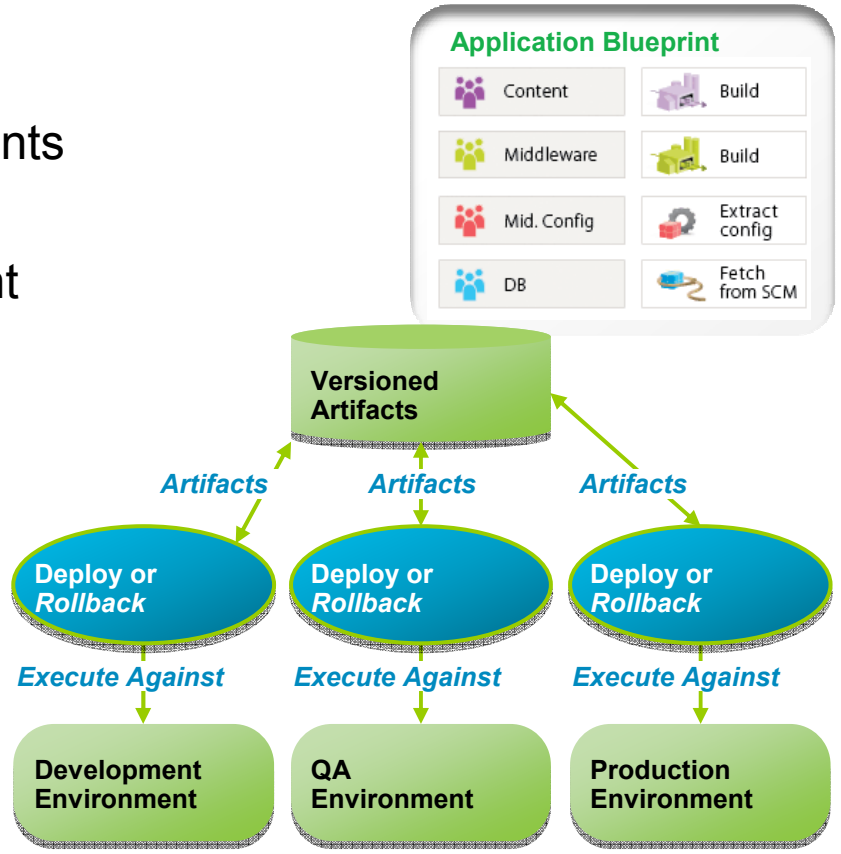


UrbanCode Deploy

Application Deployment Automation

Deployment of Applications through Environments

- Blueprints to model complex applications
- Per environment configuration management
- Compliance: audit trails and security
- Easy to use process designer
- Inventory: what is where



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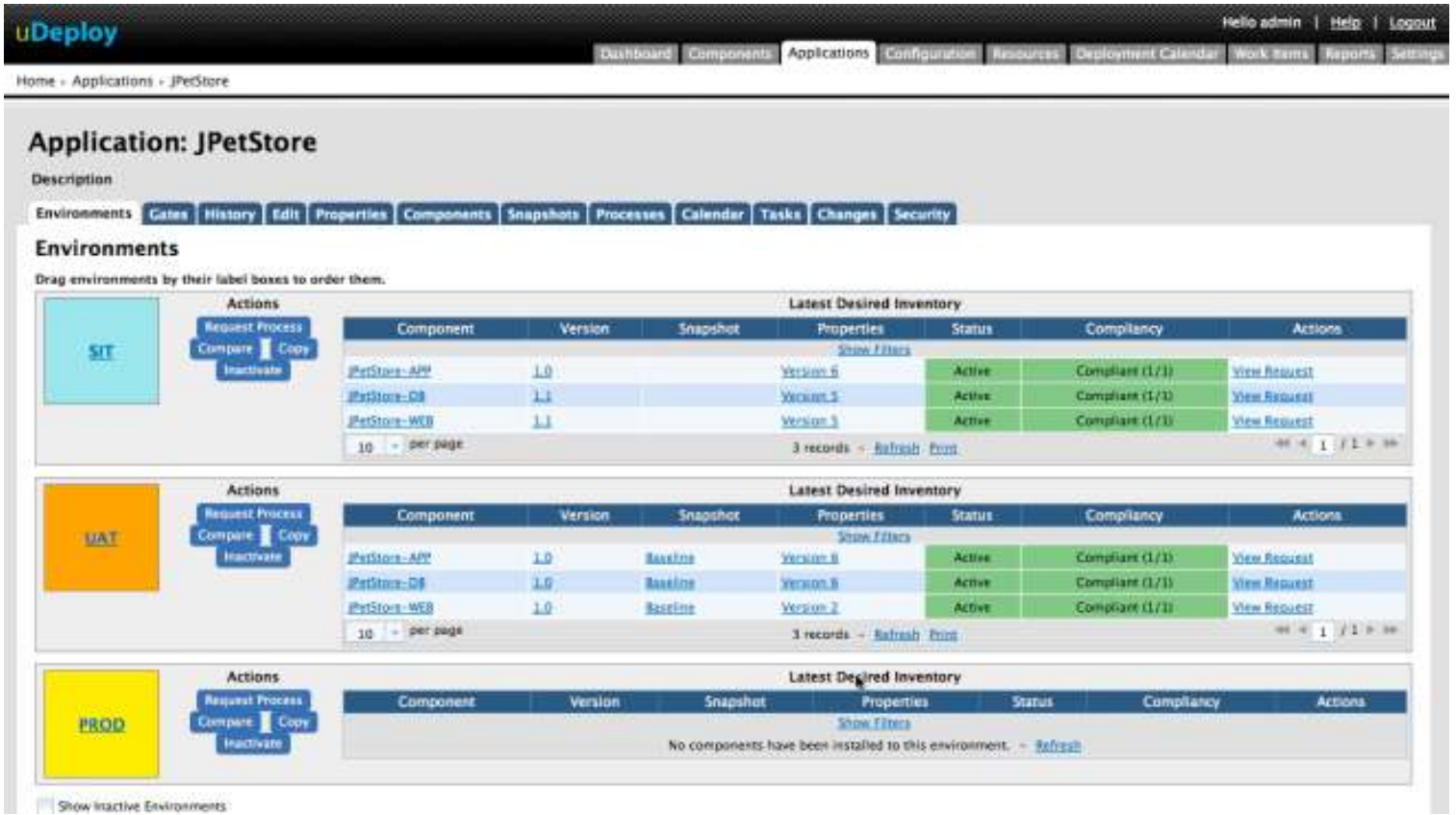
UrbanCode Deploy

Application Deployment Automation



UrbanCode Deploy

Hundreds of Integration steps

- **Deployment Sources**
  - Build Servers
  - SCM Tools
  - Maven Repositories
  - Other Repos: (ie: FRS)
- **J2EE Platforms**
  - Application Servers
  - Message Queues
  - Message Brokers
- **Infrastructure**
  - Public / Private Cloud
  - Load Balancers
- **BI & EAI Platforms**
  - Tibco
  - Business Objects
  - Informatica
- **Microsoft Platform**
  - IIS
  - SharePoint
  - BizTalk
  - SQL RS
- **Databases**
  - MS SQL Server
  - Oracle
  - JDBC

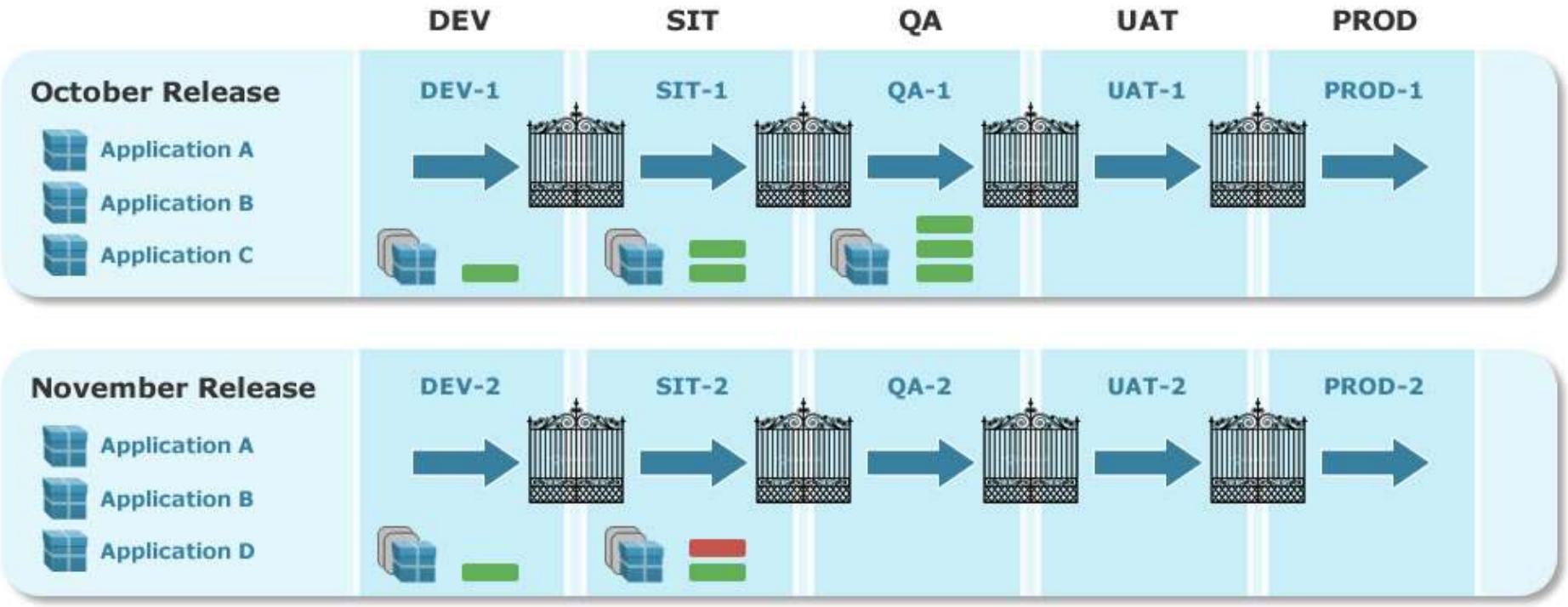
UrbanCode Release

Release planning and orchestration

- Enforce release quality gates for environments
- Orchestrate changes across multiple applications
- Manage infrastructure in addition to application changes
- Provide real-time status for long production releases
- Track the allocation of environments to releases

UrbanCode Release

Release planning and orchestration



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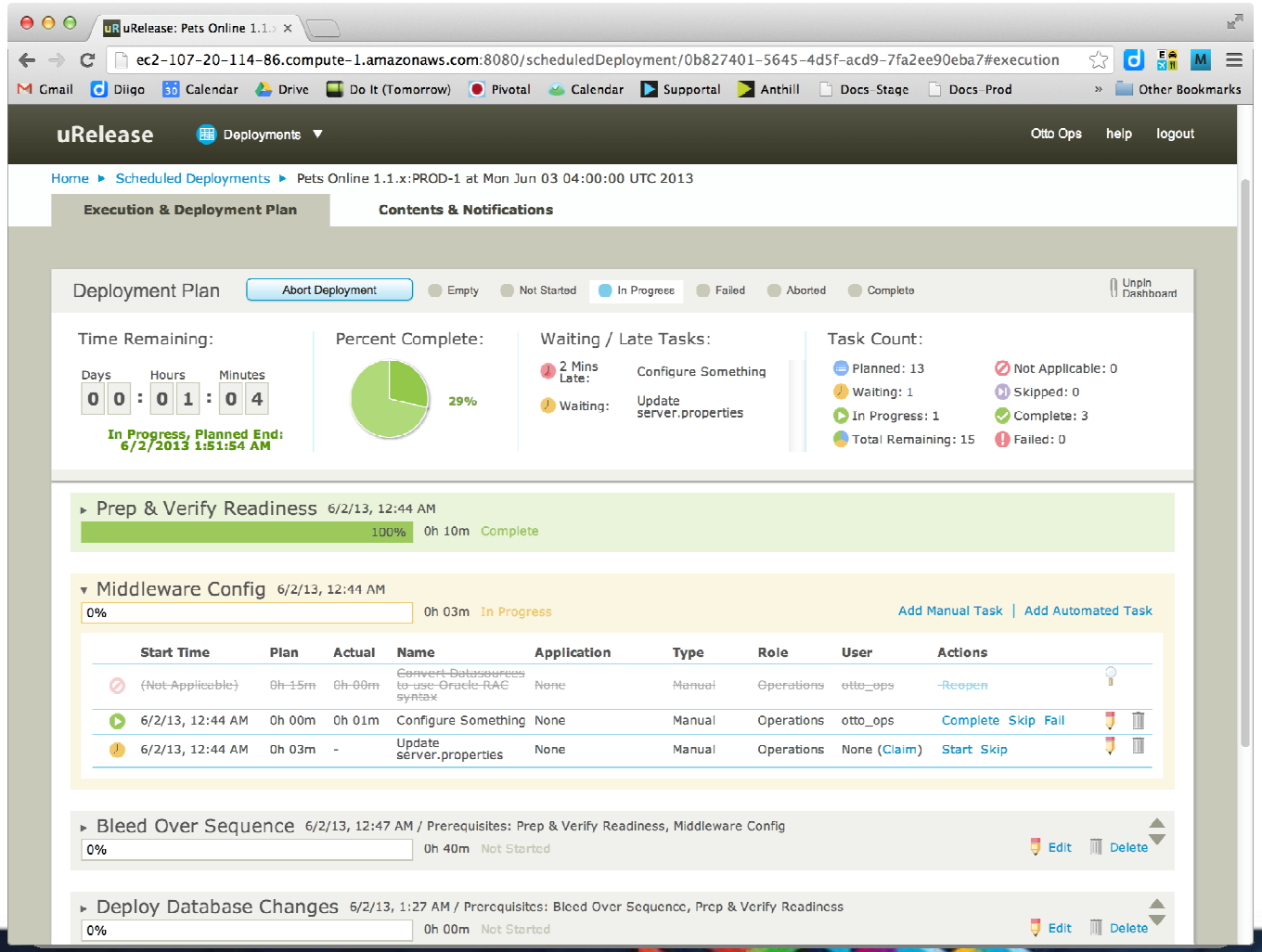
UrbanCode Release



UrbanCode Release vs UrbanCode Deploy

	UrbanCode Deploy	UrbanCode Release
Application Deployment Automation		
Automate deployment of applications and components	✓	
Visual process designer	✓	
Plug-in steps for application containers, web servers, network devices, database deployment, etc.	✓	
Model deployment targets with properties.	✓	
Release Management		
Orchestrate changes across multiple applications.		✓
Coordinate changes outside the scope of application deployment automation.		✓
Real-time status for long running production deployments.		✓
Visibility and control of quality process.		✓

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UrbanCode solutions deliver measureable business results

International Investment Firm

Driving Down Costs

Release process required considerable effort and delayed by manually-introduced errors

- Solution: Automated release process
- Results: Cost avoidance of over $2.3M/year, reduced release time from 2-3 days to 1-2 hours and virtually eliminated test team down-time

Online Retailer

Speeding Time-to-Market

Significant delays getting application changes to production

- Solution: Scaled up continuous deployment
- Results: Deployment time reduced by over 95% with easy scale and deploying to over 250 servers within 2 months of implementation

Higher Education

Speeding Time-to-Market

Agile development teams constrained by slow deployment to dev and test environments

- Solution: Accelerate deployment by enabling development teams to self deploy with automation
- Results: Deployments cut from hours to minutes and a greater number of servers with fewer resources

SaaS Software Provider

Reducing Risk

Difficulty managing multiple customer configurations and versions of software deployed across servers

- Solution: Automate managing configuration and version deployment
- Results: Execute customer specific releases, reduced deployment outages by over 90%

UrbanCode Business Advantages

- Automated software release and deployment **reduces errors**
- Push-button deployments **improves productivity** for developer and operations
- Built-in best practices provides for **faster time-to-market**
- Enforced Security and traceability ensures **compliance and auditability**

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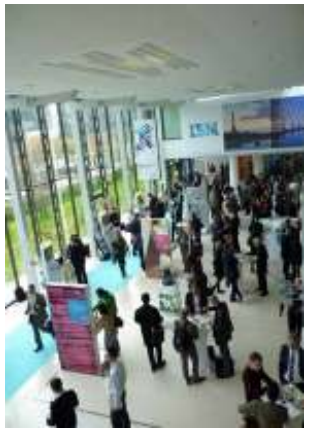
Proof Of Technology:

Automatisation des déploiements avec UrbanCode

- Date: 27 Septembre 2013
- Lieu: IBM, Bois-Colombes,
- Inscription sur http://www-05.ibm.com/fr/events/tec/

IBM Technical Summit

Démarquez-vous. 17 Octobre | IBM Client Center Paris



5 bonnes raisons d'y participer

1. Découvrez comment vous pouvez tirer parti des tendances actuelles clés telles que DevOps ou la Mobilité et livrer vos produits plus rapidement, améliorer les processus et la qualité, et atteindre vos objectifs commerciaux.
2. Approfondissez vos connaissances sur l'offre Rational en assistant aux sessions et testez-les en passant des certifications gratuites !
3. Rencontrez les experts IBM, nos partenaires ainsi que d'autres utilisateurs dans le cœur de verre où de nombreuses surprises vous attendent !
4. Développez votre réseau avec plus de 200 participants ayant des fonctions variées et travaillant dans des divers secteurs.
5. Assistez aux sessions plénières animées par des intervenants très dynamiques et laissez-vous surprendre !

IBM Technical Summit 2013 est *l'événement* dédié aux développeurs de produits et logiciels. Les participants y apprendront comment améliorer leurs pratiques, la prédictibilité et la collaboration pour la livraison logicielle, lors de sessions plénières et des ateliers thématiques axés sur quatre thématiques principales : DevOps, Mobilité, ALM/Agilité et System & Software Development.

Inscrivez-vous vite !

www.ibm.com/software/fr/rational/technicalsummit