

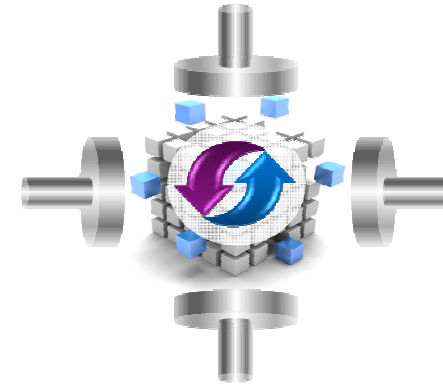
Evento DevOps, Wed March 26th, MADRID

Valor de negocio de las soluciones de automatización de pruebas y despliegues

Vincent Chartier, IBM Rational

Significant pressures on business to transform

- Integrate with transactional systems
(*Systems of Record*)
- Innovate to create new business value
by employing cloud, mobile and social
channels and leveraging big data
(*Systems of Engagement*)
- Balance speed with risk, compliance and quality

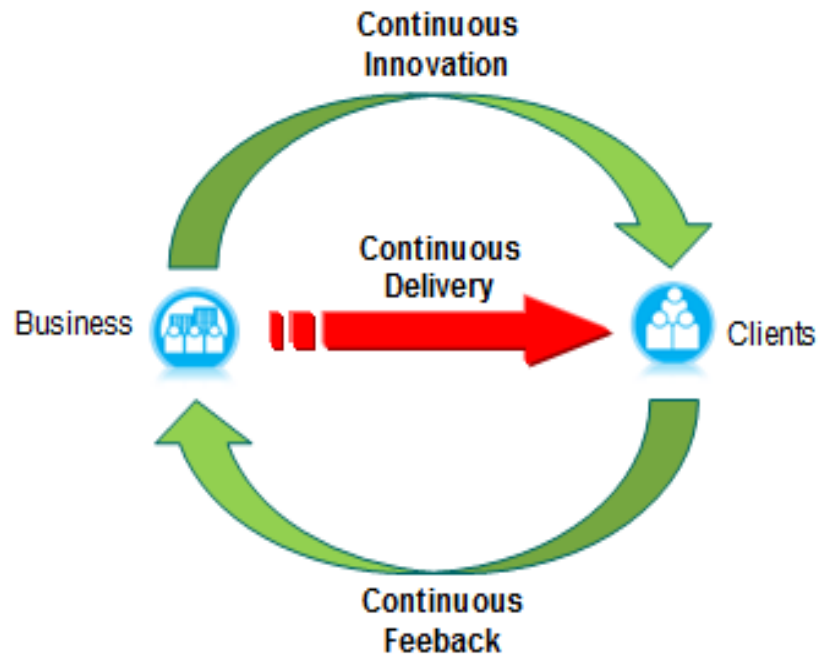


Delivering innovation and business value fast

Business expectations are changing

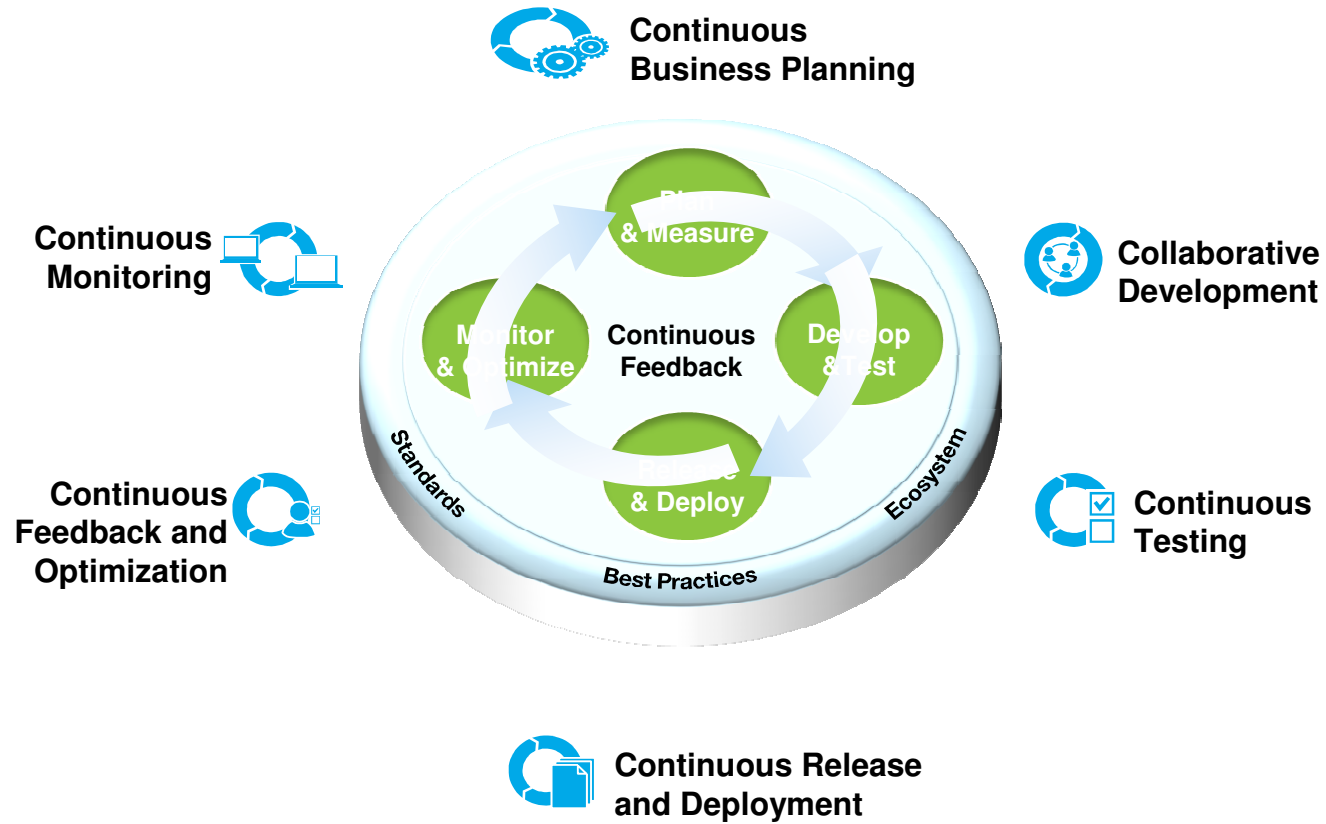
	Characteristics	Current	Business Expectations
APP	Time to Value	Planned	Opportunistic
	Primary Workload Types	Transactional	CAMS
	Innovation	Studied	Experimental
DEV	Service Sourcing	Develop	Consume and Assemble
	Delivery Model	Planned	Innovation
	Team Sizes	100s and Costly	10s and Agile
OPS	Release Frequency	Months to Years	Days to Weeks
	Infrastructure Readiness	Days	Minutes
	Operational Model	External Systems	Application-awareness

required culture

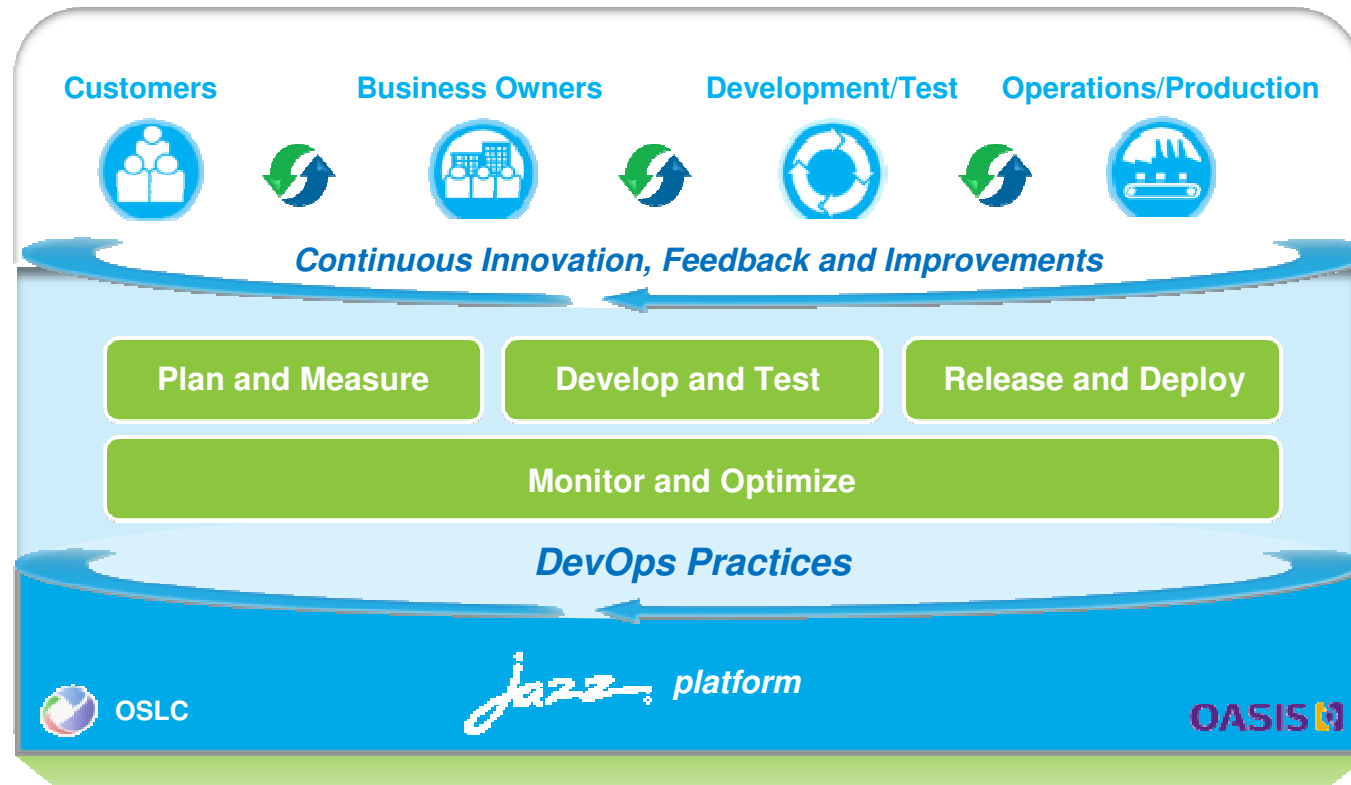


- **Adopt continuity**
- **Eliminate any activity that is not necessary for learning what customers want**
- **Eliminate wait times and delays caused by manual processes and reliance on tribal knowledge**
- **Enable knowledge workers, business analysts, developers, testers, ... to focus on creative activities**

required practices

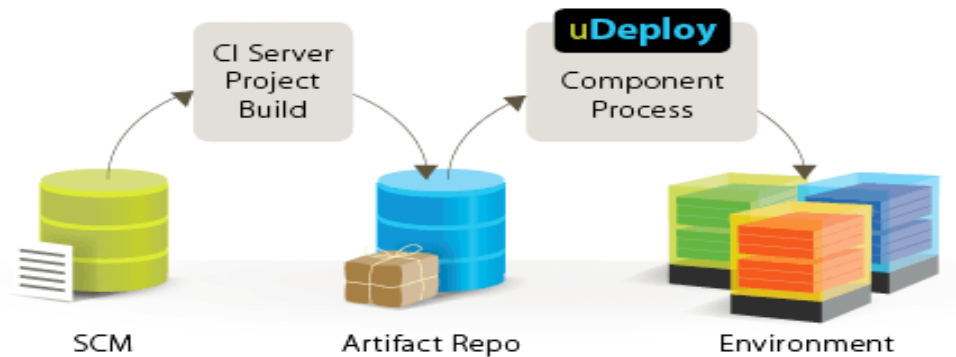


ibm devops platform



Enterprise capabilities enabling continuous software delivery to seize market opportunities and reduce time to 'customer feedback'

value proposition



Time to Value

- Accelerate release cycles
- Fast response to opportunities

Quality

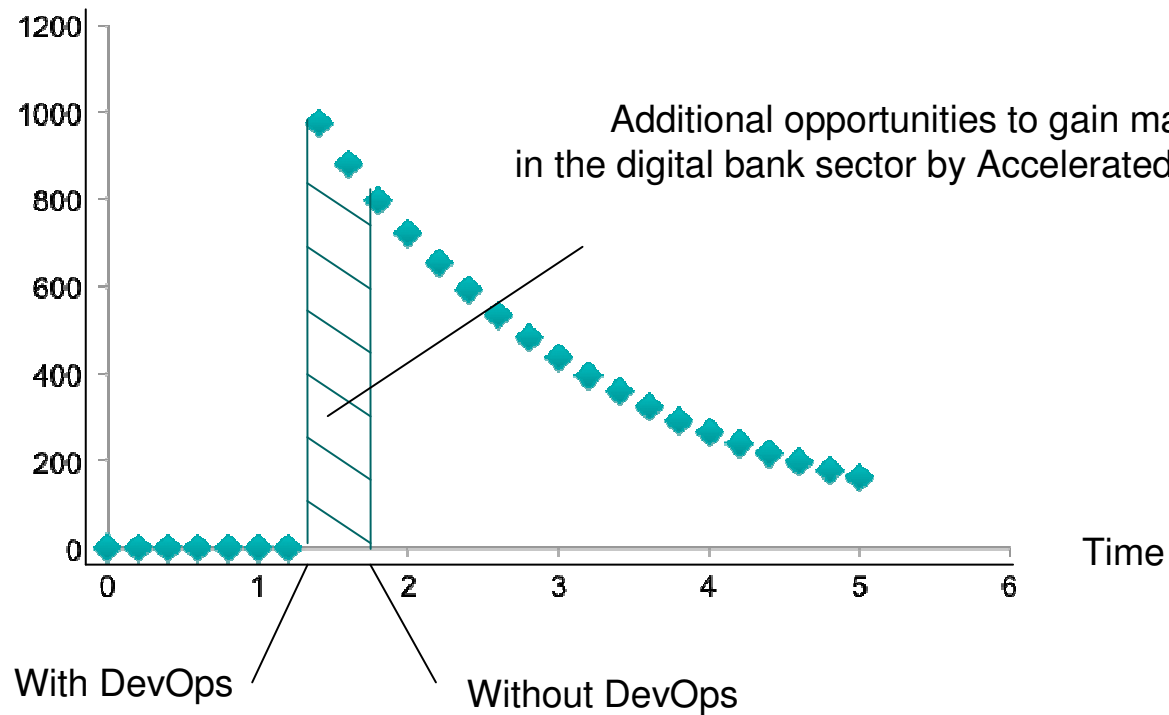
- Fewer moving parts for reliable releases
- More opportunities to test thoroughly

Reduced Risk

- No 'All or nothing' deployments
- No 'one of a kind' environments

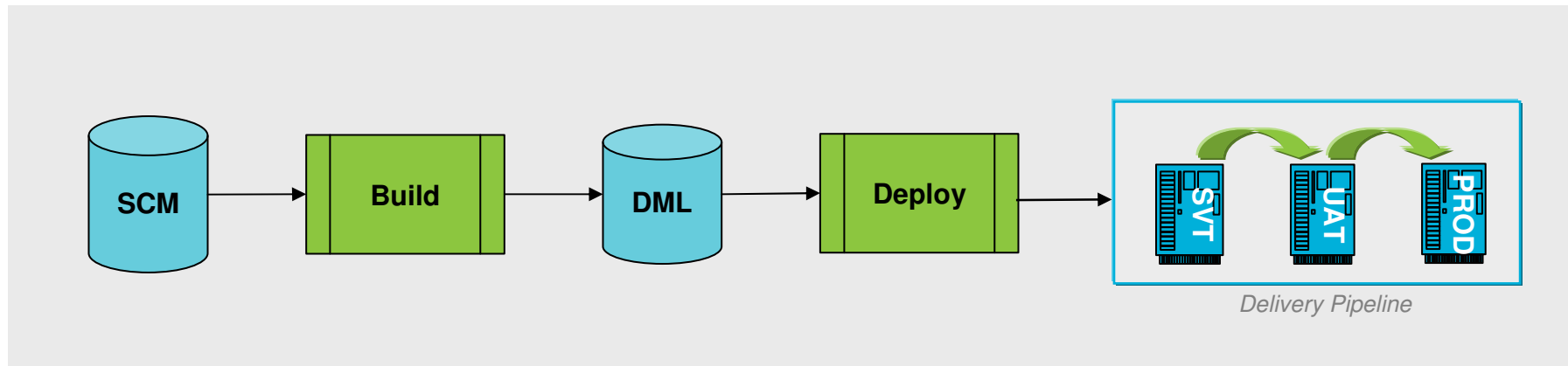
when speed matters

Opportunities to
grab market share



how to get value with ibm solutions

continuous deployment



Rational Team Concert

Manage agile development process and source control

Rational Build Forge

Build automatically and reliably

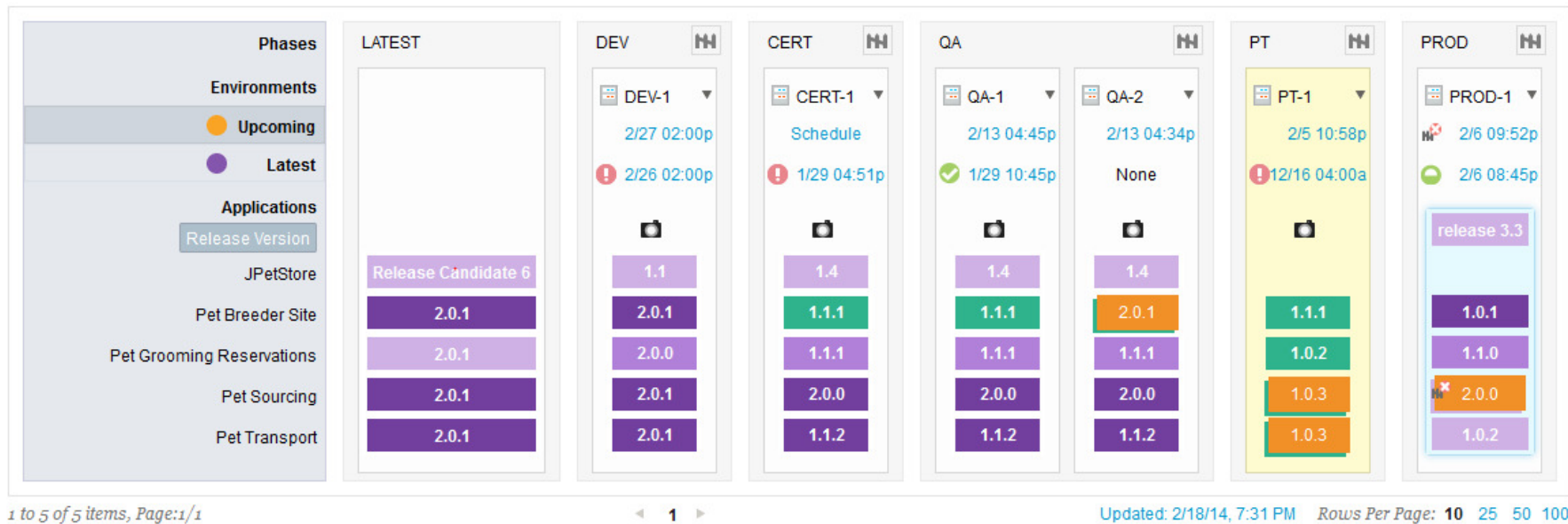
Rational Asset Manager

Manage and protect deployable assets

Rational UrbanCode Deploy

Deploy quickly, predictably and reliably

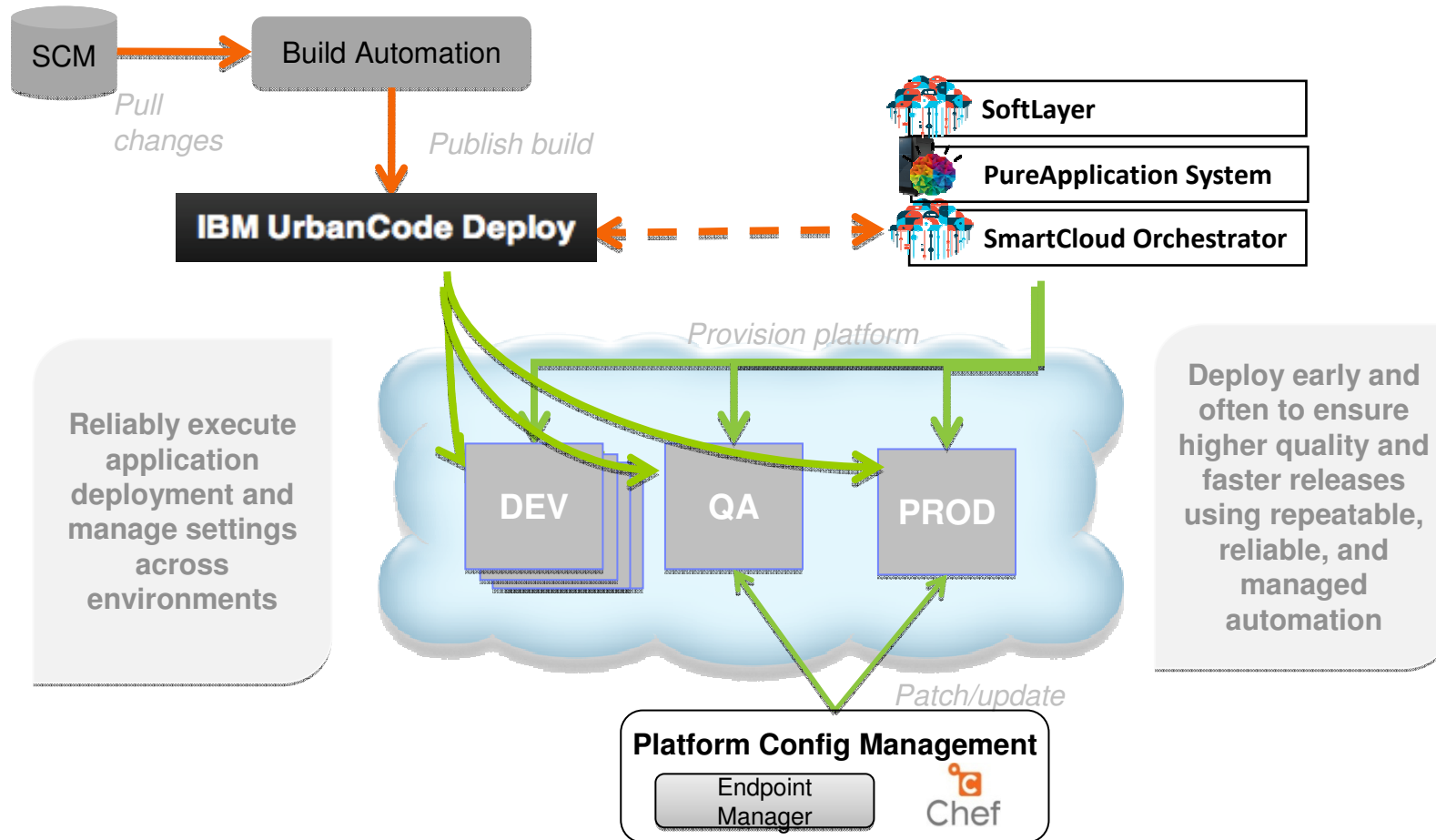
Pipeline-driven continuous release



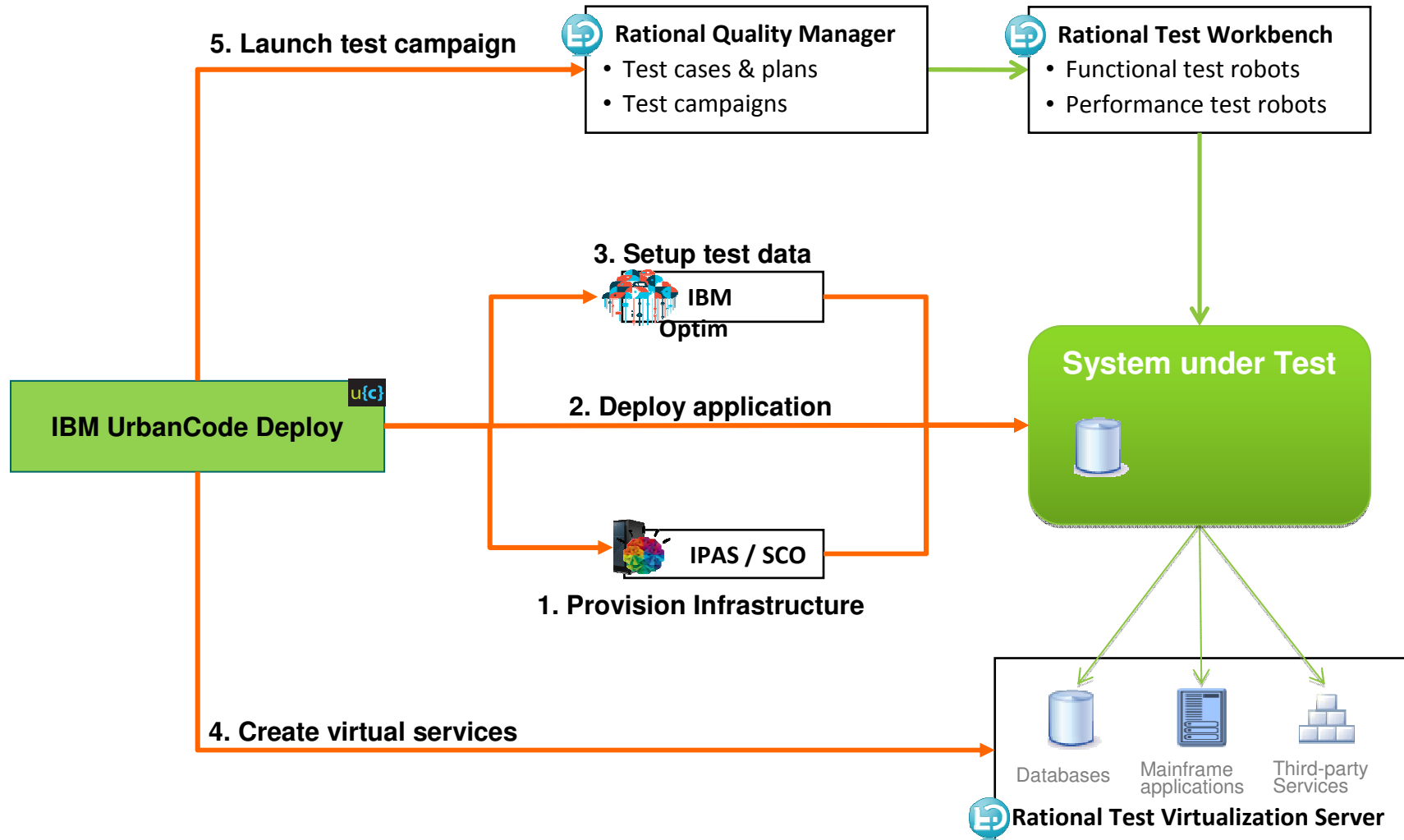
Rational UrbanCode Release

Manage and automate your releases end-to-end, driving continuous deployment and tracing back to collaborative development

continuous deployment with provisioning



continuous testing with service virtualization



continuous testing good practices



Deploy what is ready, virtualize the rest

Perform continuous integration testing and progressive deployments throughout the software delivery lifecycle



Automate the creation of virtual test environments as part of the end-to-end DevOps process

Establish a virtual system pattern with automated deployment to standardize and share test environments quickly and easily across projects and teams

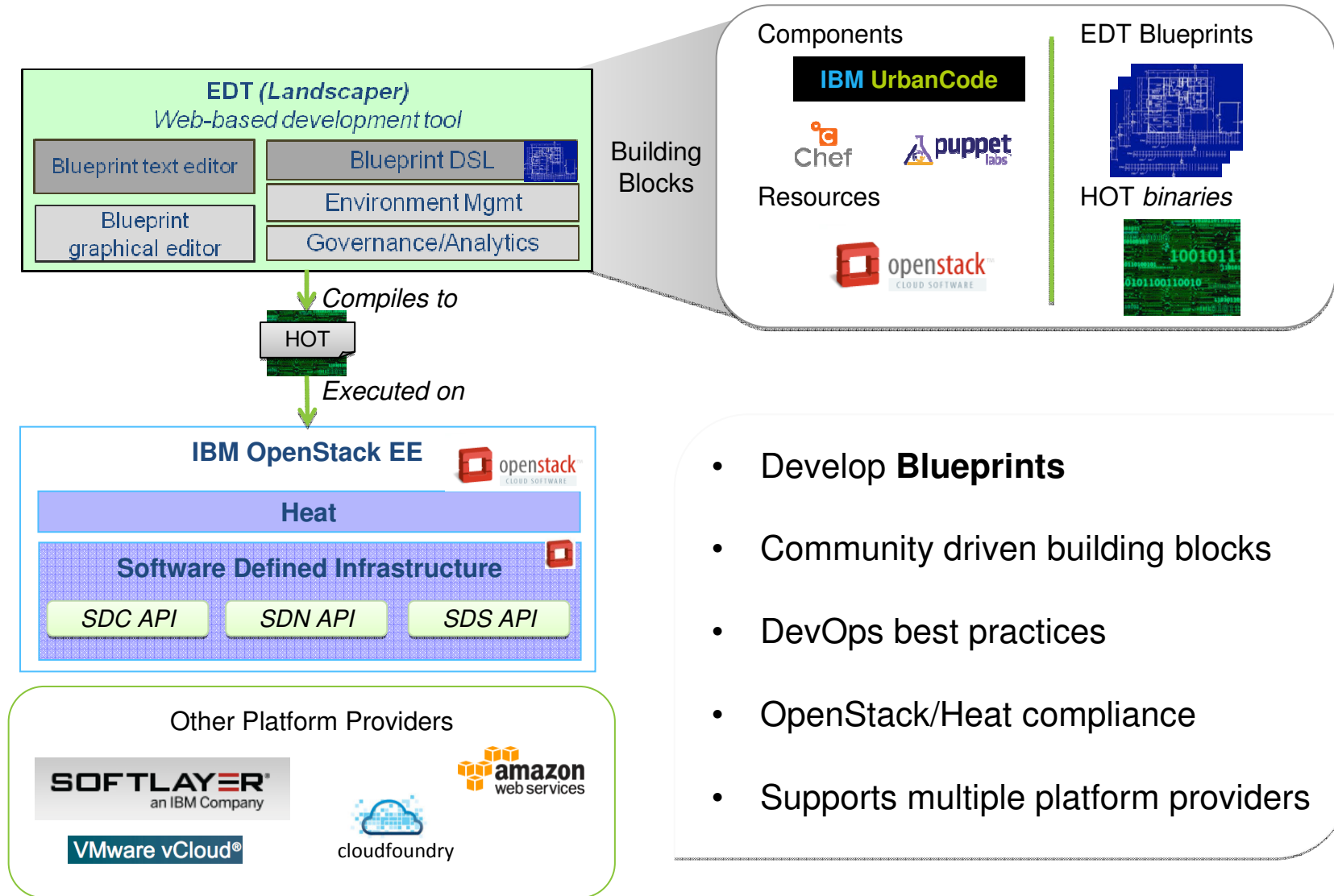


Enable an end-to-end Agile software delivery process

Increase the frequency of releases by testing earlier in the development cycle and deploying reliably to pre-production and production environments..

introducing "landscaper" for cloud solutions

environment development toolkit for SDE



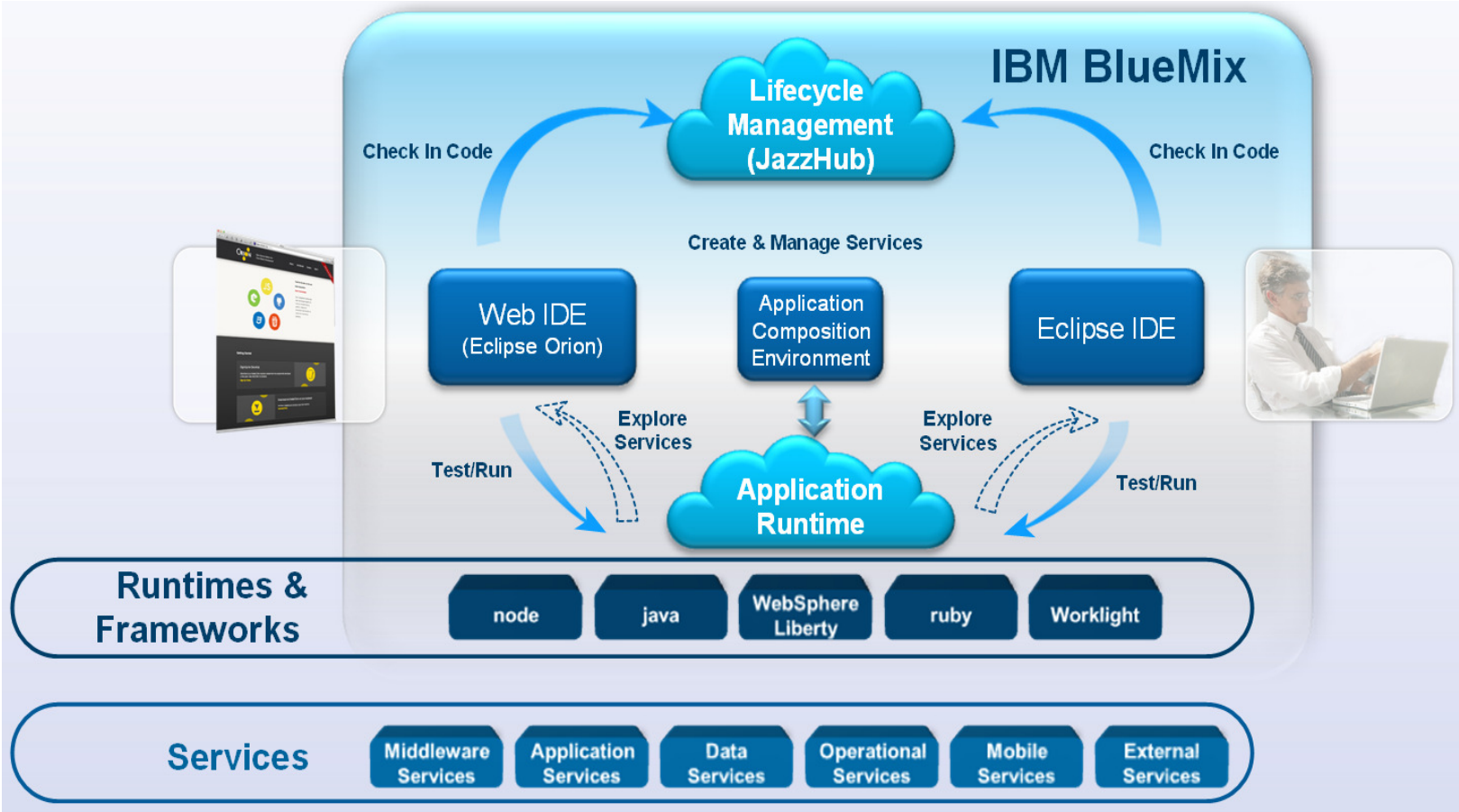
- Develop **Blueprints**
- Community driven building blocks
- DevOps best practices
- OpenStack/Heat compliance
- Supports multiple platform providers

environment development toolkit for SDE

The screenshot displays the IBM UrbanCode Landscaper web interface in a Mozilla Firefox browser. The browser's address bar shows the URL `https://IBMLandscaper.userhome.jsp`. The application's navigation bar includes tabs for Home, Environments, Blueprints, and Administration. The current view is for a blueprint named "3-Tier-Cert 3.5", with sub-tabs for Topology, Impact, and History. A "Blueprints" icon in the top left is circled in orange. Below the navigation bar is a toolbar with buttons for Save, Apply, Cancel, and Provision Environment. The main workspace is divided into three sections: Properties, Topology, and Palette. The Properties panel on the left lists details for a "Web Server" component, including its host name, IP address (191.21.0.45), type (Virtual Instance), and storage configuration. The central Topology panel shows a network diagram with nodes for IBM Network (191.21.0.0/32), Internet (191.1.1.1/31), Cleveland Network (191.21.0.22), RTP Network (191.21.0.23), Austin Network (191.21.0.24), Application Server (with .JKE_Application V2.0), and Web Server (with .JKE_web_1 V2.1 and .JKE_web_2 V2.2). A "Liberty" icon is also present. The right-hand Palette panel lists various operating system images such as Red Hat EL 6 and SUSE Linux Enterprise Server. The bottom of the interface has tabs for Design and Source.

introducing BlueMix

Cloud operating environment



developing in a cloud operating environment an API economy example



Thank You

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