

UrbanCode and Ansible – Better Together



IBM Cloud

Presenters



Dylan



Eric

Should I use
Ansible or
UrbanCode?

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UrbanCode?

Yes.

Plan for Today

Quick overviews

- Ansible Automation Platform
- UrbanCode Deploy

Patterns for using them together

Demo

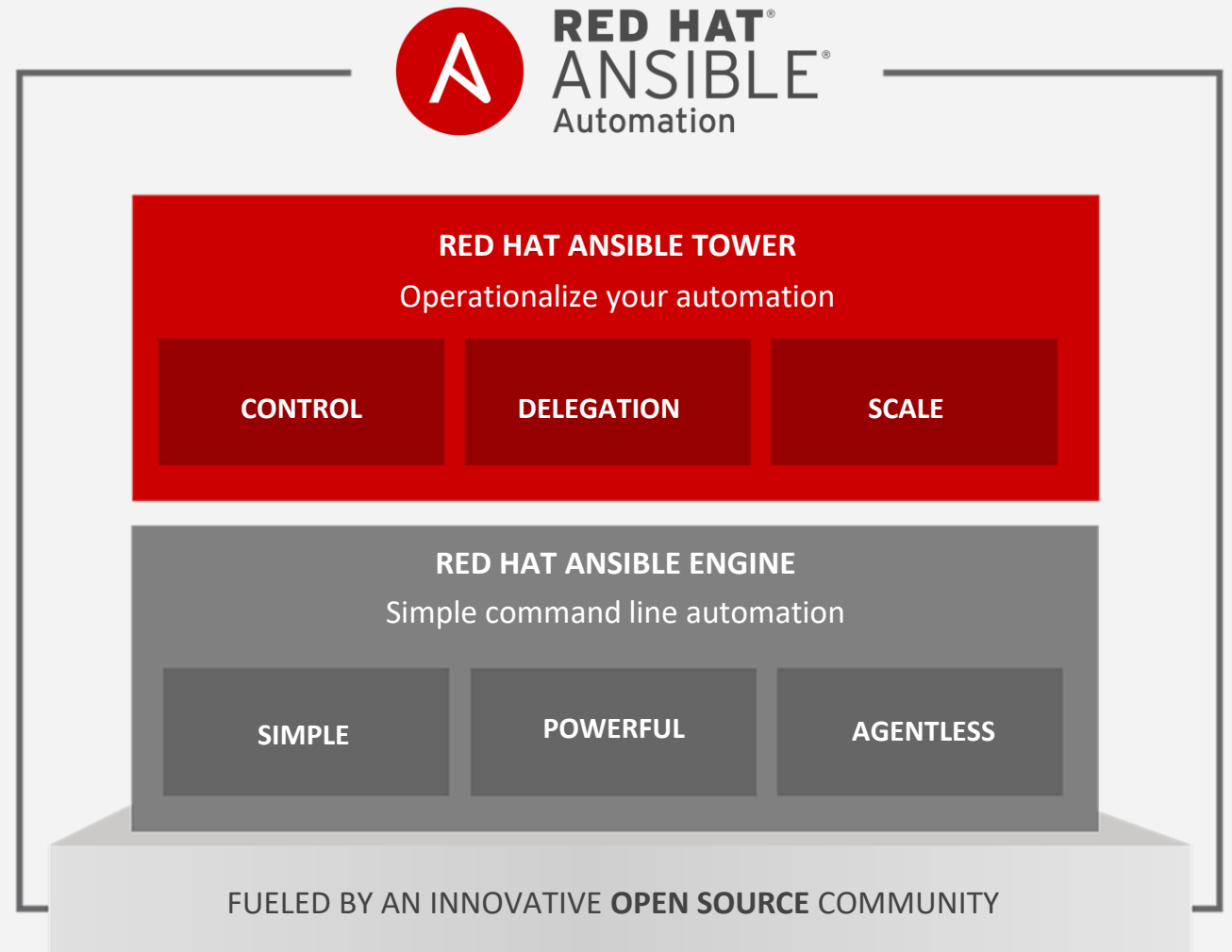
Conclusion

WHAT IS ANSIBLE AUTOMATION?

Ansible Automation is the enterprise **framework** for automating across IT operations.

Ansible Engine runs Ansible Playbooks, the automation **language** that can perfectly describe an IT application infrastructure.

Ansible Tower allows you **scale** IT automation, manage complex deployments and speed productivity.

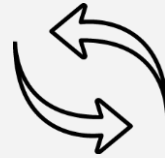


WHY ANSIBLE?



SIMPLE

- Human readable automation
- No special coding skills needed
- Tasks executed in order
- Usable by every team
- Get productive quickly**



POWERFUL

- App deployment
- Configuration management
- Workflow orchestration
- Network automation
- Orchestrate the app lifecycle**



AGENTLESS

- Agentless architecture
- Uses OpenSSH & WinRM
- No agents to exploit or update
- Get started immediately
- More efficient & more secure**

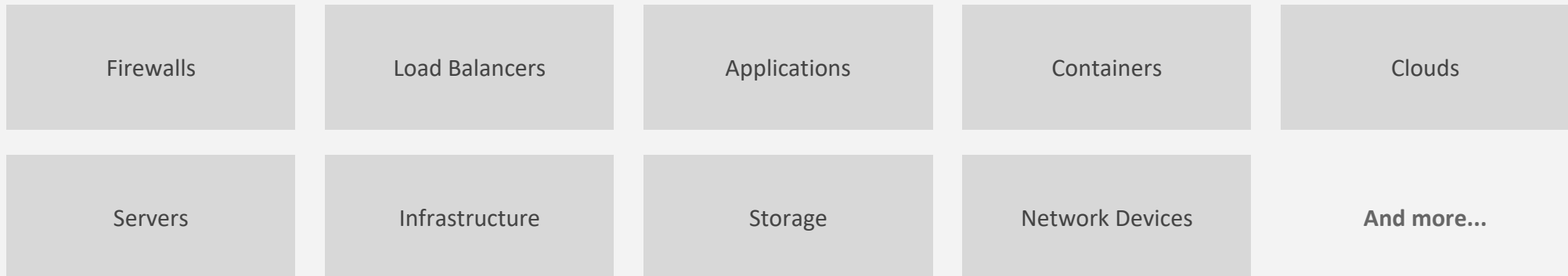
WHAT CAN I DO USING ANSIBLE?

Automate the deployment and management of your entire IT footprint.

Do this...



On these...



IBM UrbanCode Deploy

Easy to connect
into your toolchain

Strong Audit

Delivery Governance

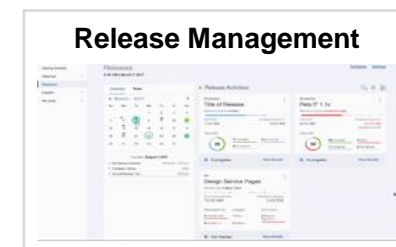
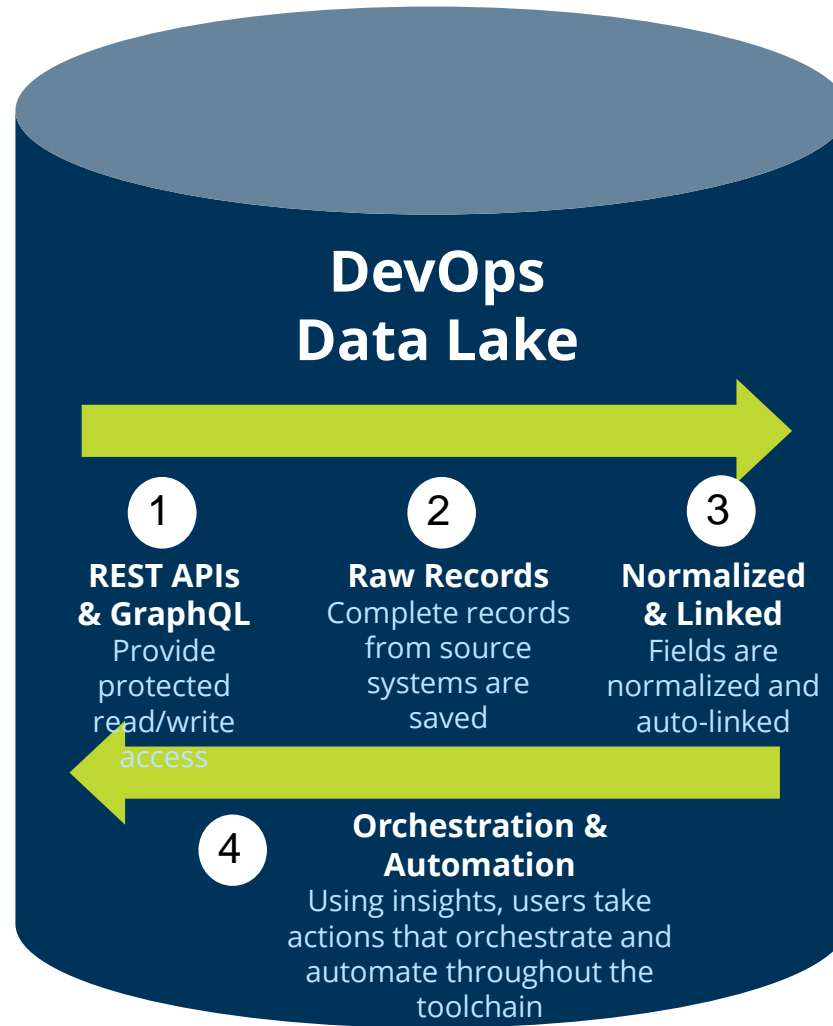
Control what is deployed where, when and how.

- Approvals
- Quality Gates
- Team / Environment Based Security
- Calendared no-deploy times

Application deployment automation

- Low-code graphical deployment design
- Out of the box integrations
 - WebSphere
 - Kubernetes
 - Microsoft Stack
 - 100s more
- Web, CLI or API based deployments
- Smart rollbacks of incremental updates

VELOCITY ENABLES DATA DRIVEN DEVOPS



Typical Integration Scenarios

Ansible creates an environment

- Delegates to UC for the app tier

UrbanCode Deploys an App

- Delegates to Ansible for middleware elements of the app.

UC governs delivery, Ansible Automation Platform provides the automation

Example Demo

Should I use
Ansible or
UrbanCode?

Yes.

Open standards and open source create the best cloud architecture



Enterprise-grade software on the most secure public cloud

Deep industry expertise

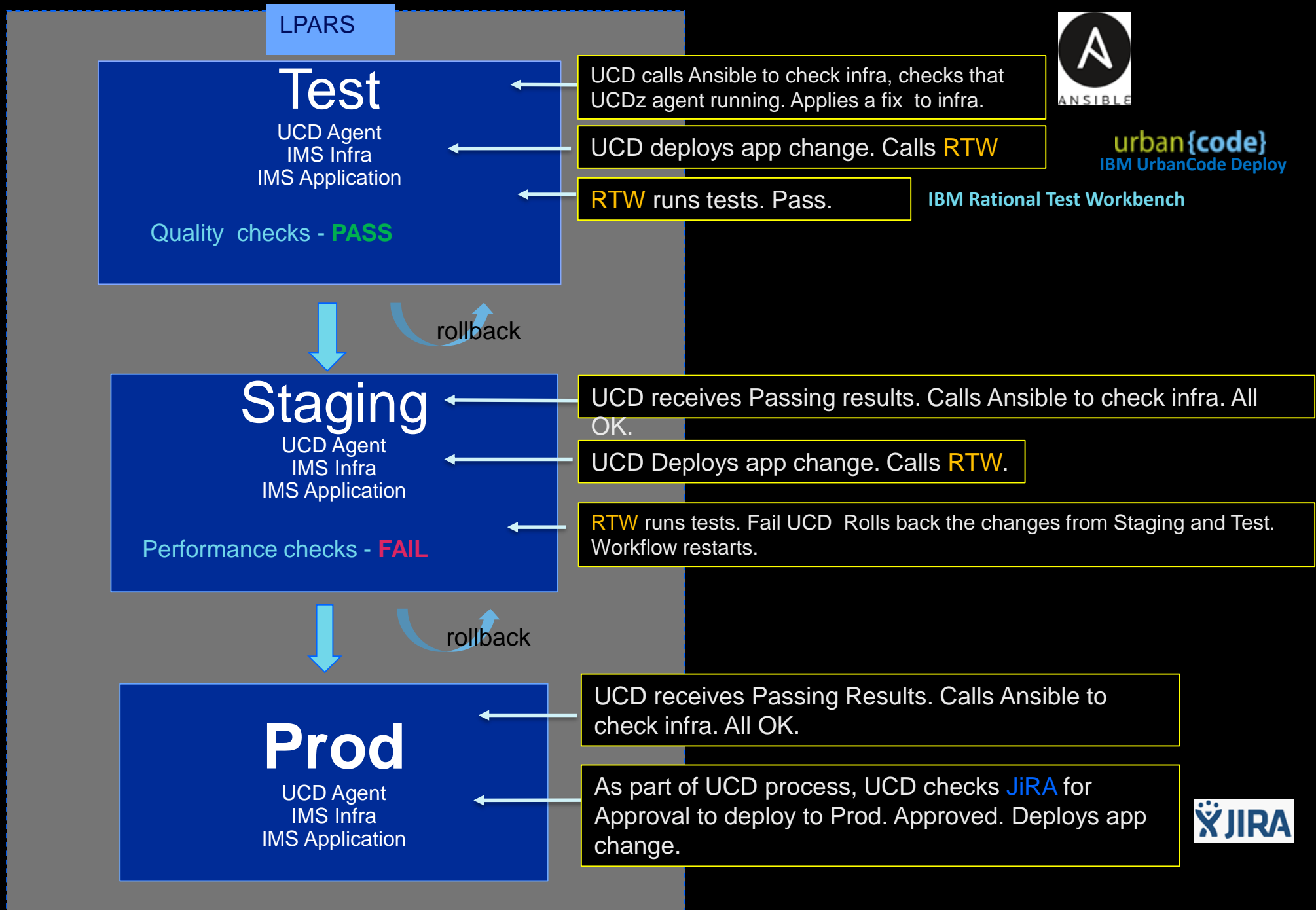
Built on Linux OS, delivered by Containers, managed by Kubernetes

Robust open source ecosystem

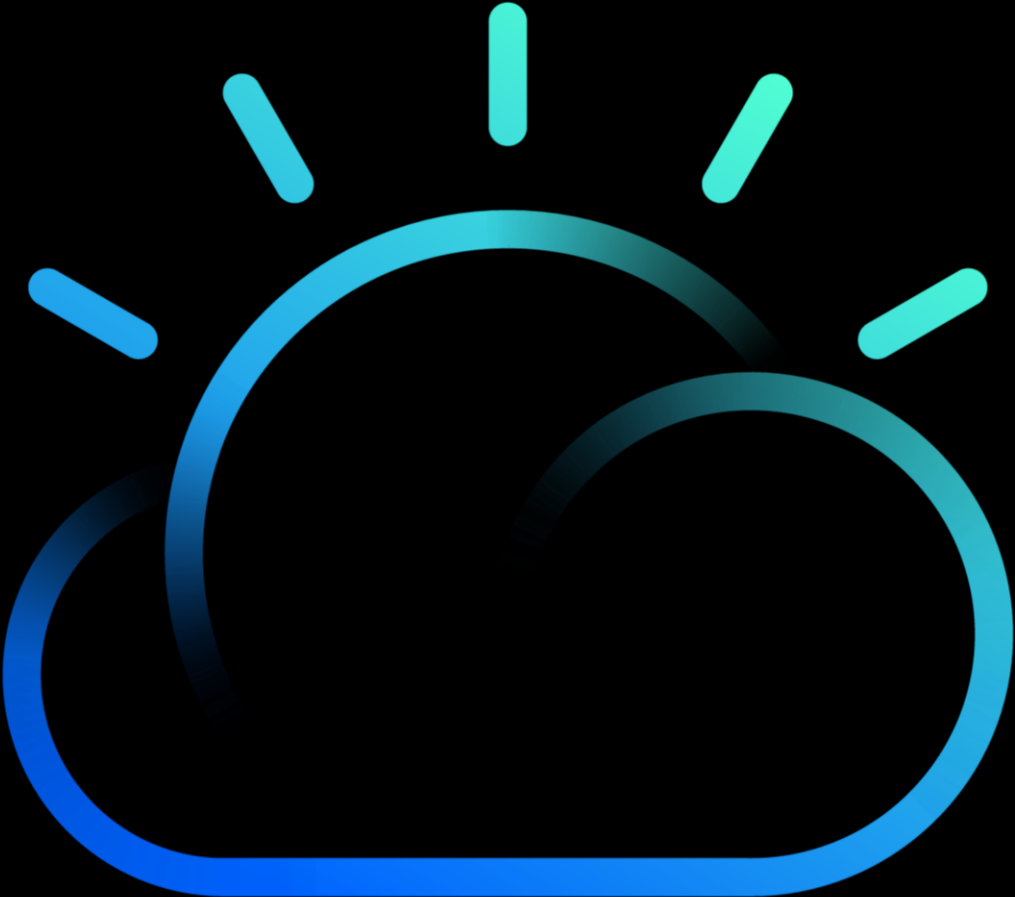


Transform, run, and manage your critical workloads — anywhere

Coming Soon...
Demo on z/OS



Questions?



IBM Cloud