
Die Basis für Innovationen IT Automatisierung mit orcharhino



Mark Hlawatschek

SIMPLIFY YOUR DATACENTER



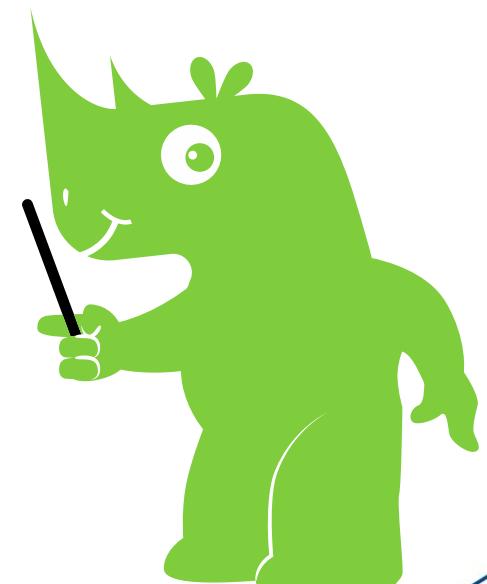
orcharhino
RED HAT® OPENSHIFT
docker



puppet
SALTSTACK
ANSIBLE

orcharhino

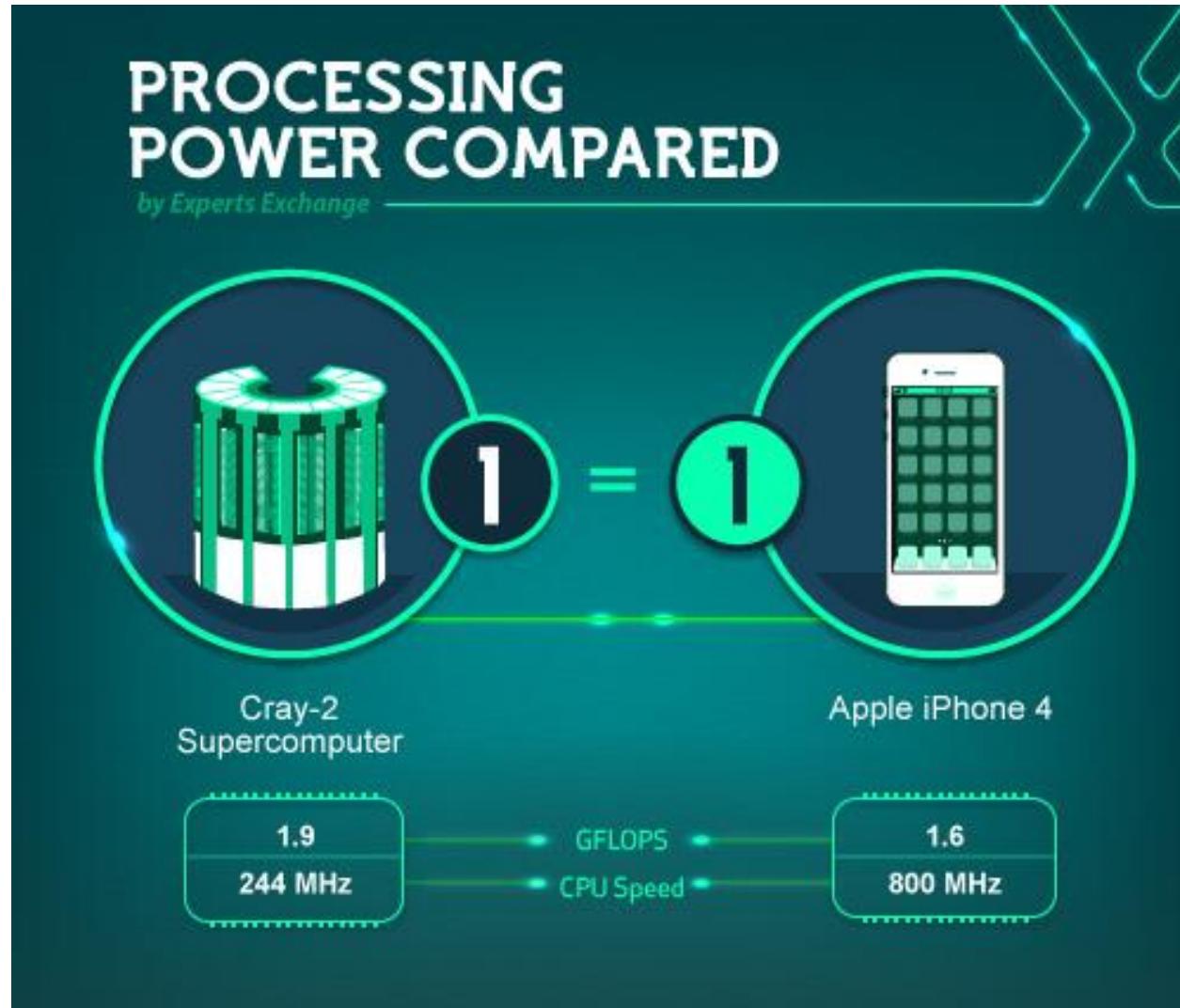
DEPLOY
RUN
CONTROL



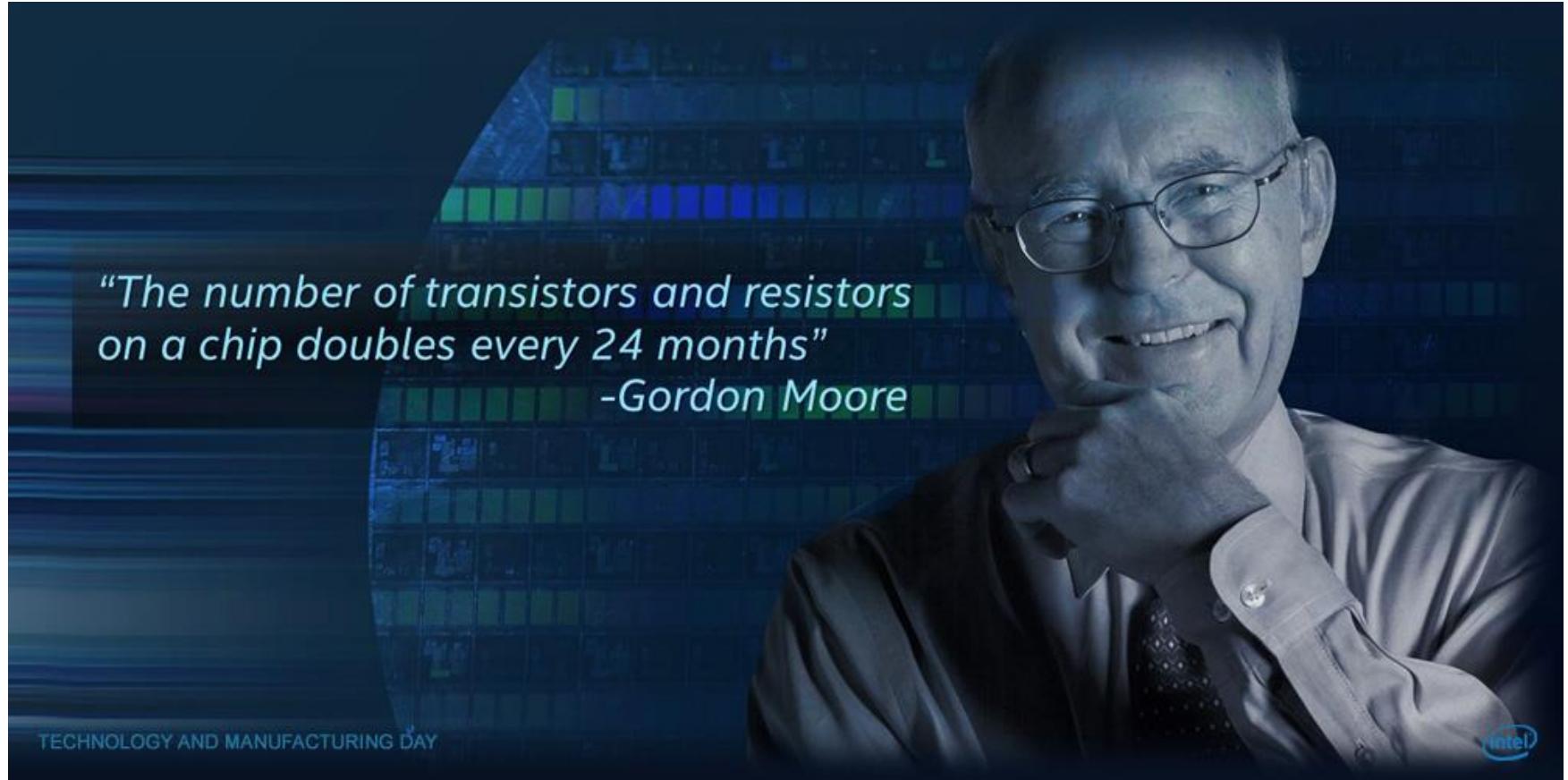
CONSULTING ENGINEERING SUPPORT

Disruptive Technology ...





<https://pages.experts-exchange.com/processing-power-compared>

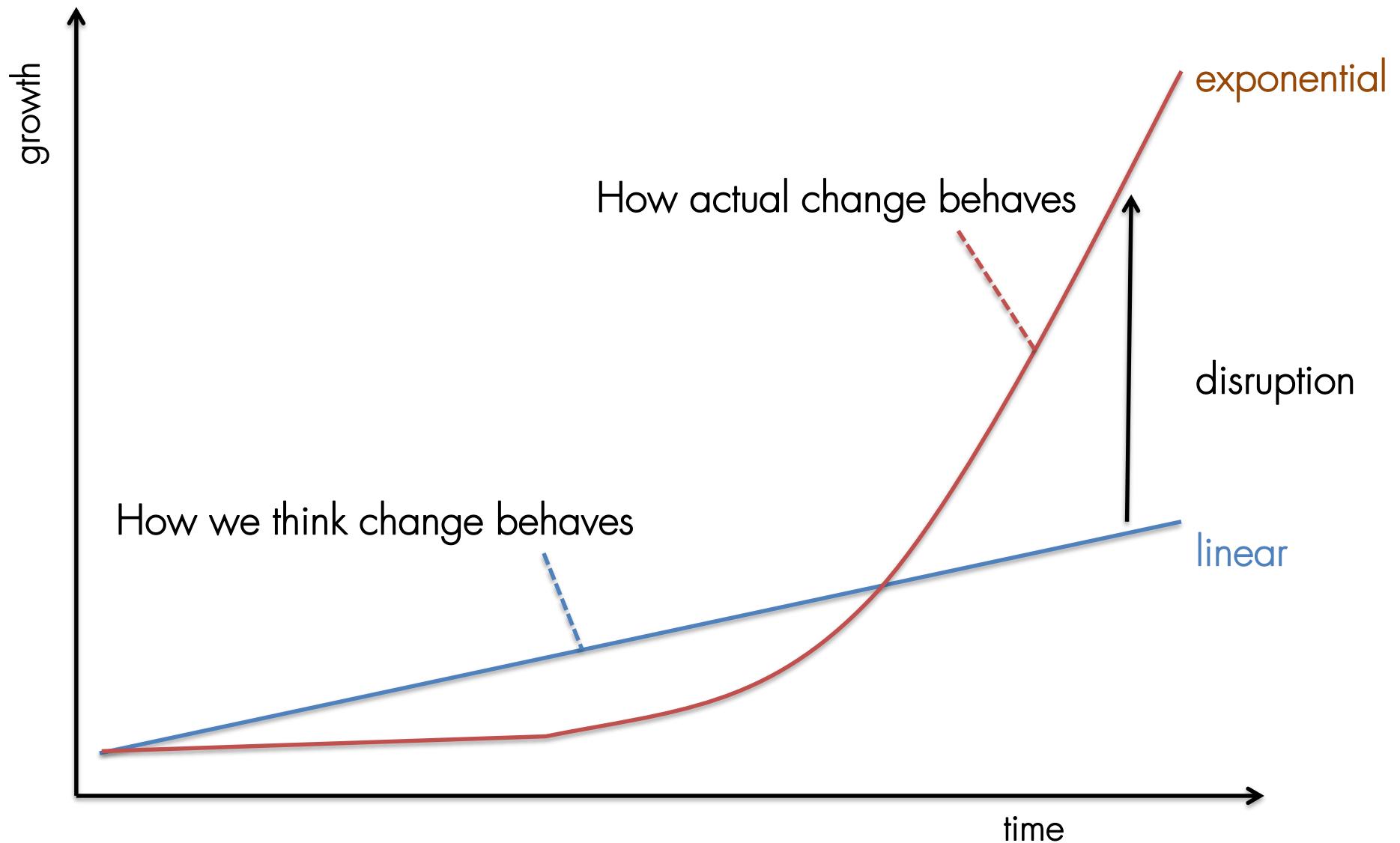


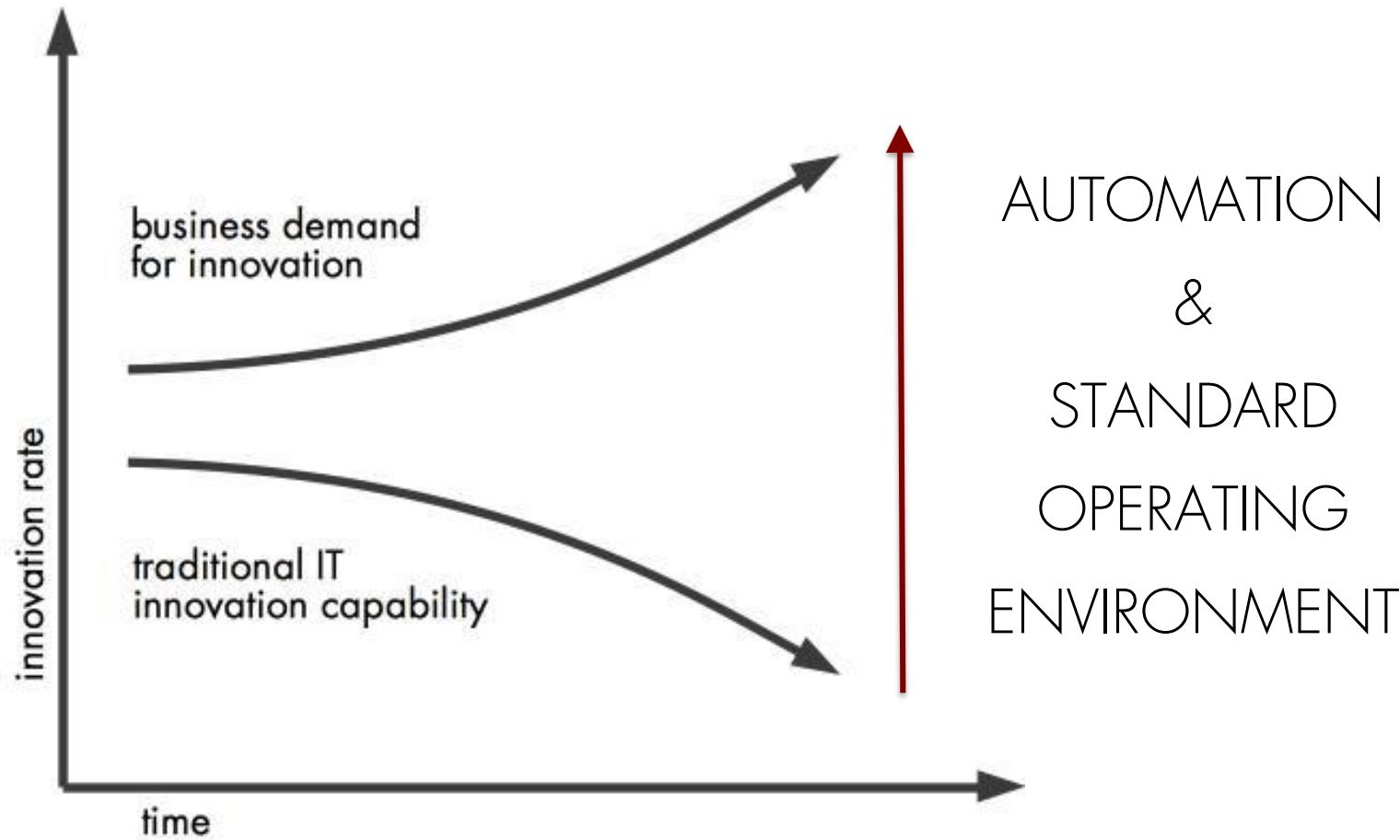
<https://newsroom.intel.com/editorials/moores-law-setting-the-record-straight/>

Only one grain of rice



Thinking linear is human ...

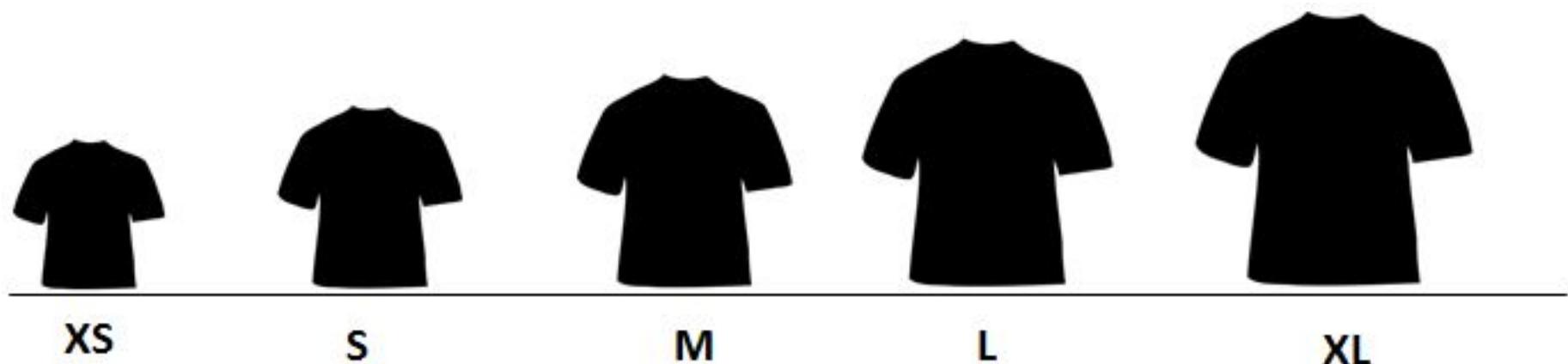




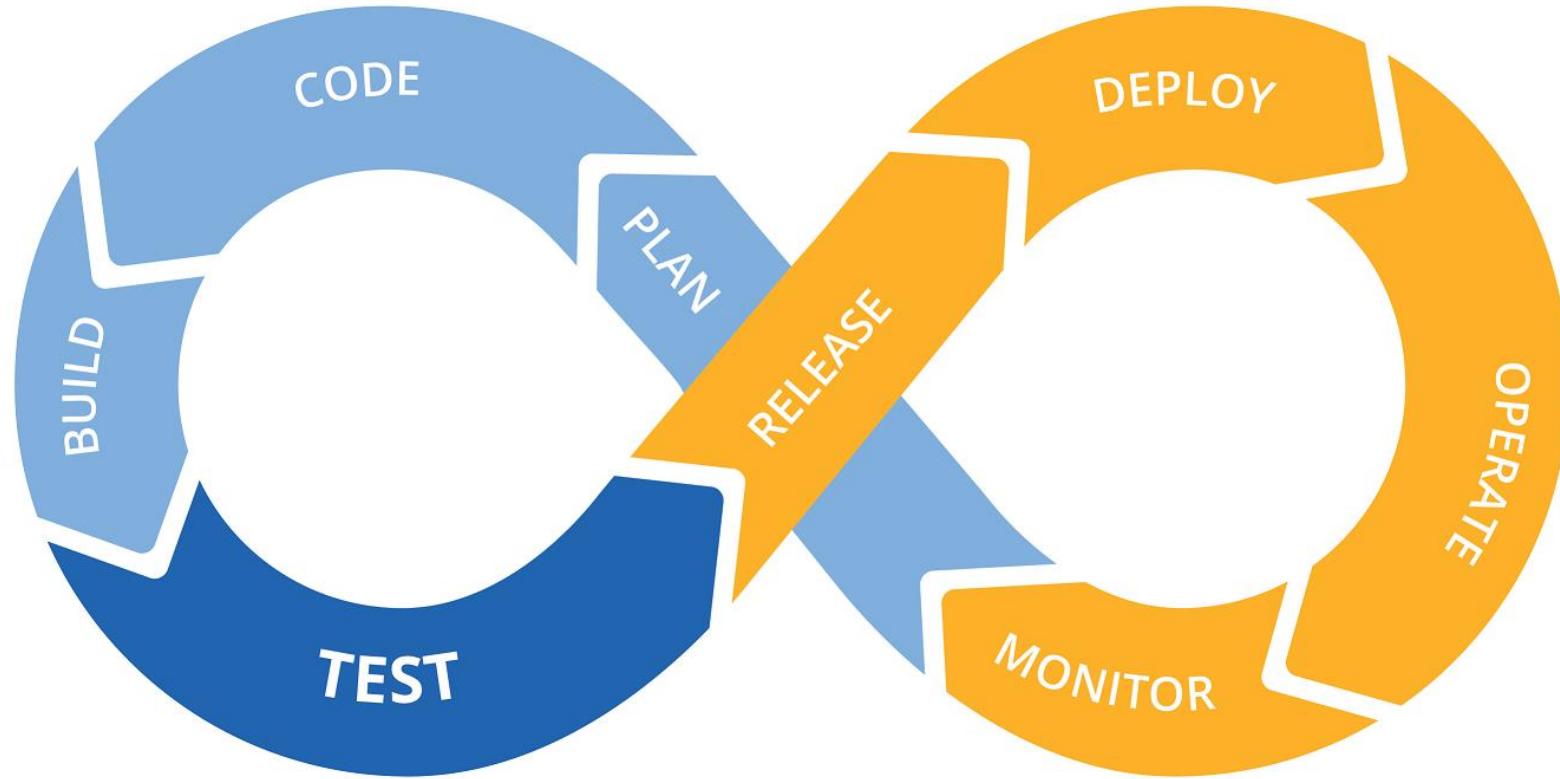
Standardization

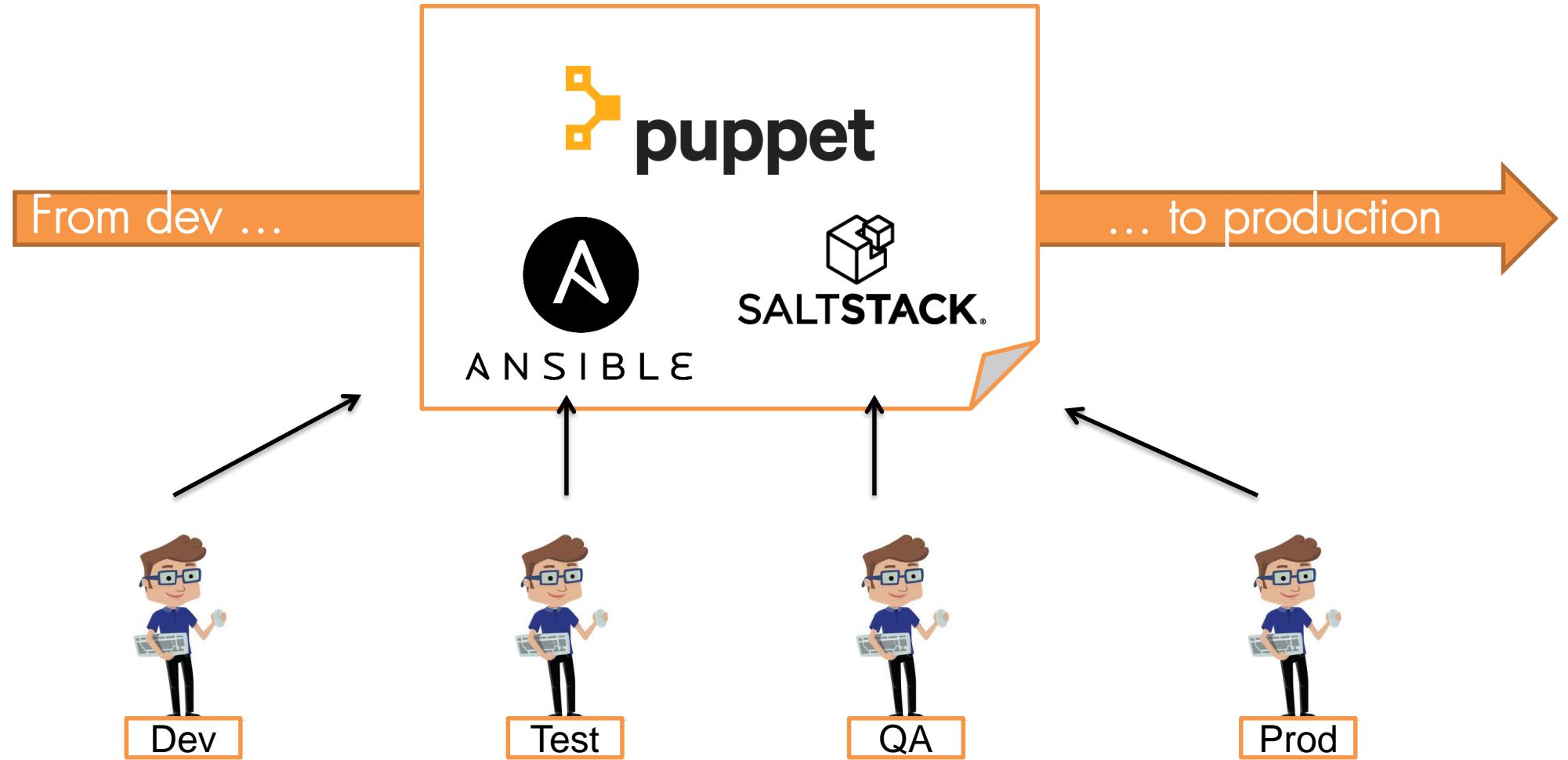
SOE - Standard Operating Environment

Standardization for automation and reproducibility

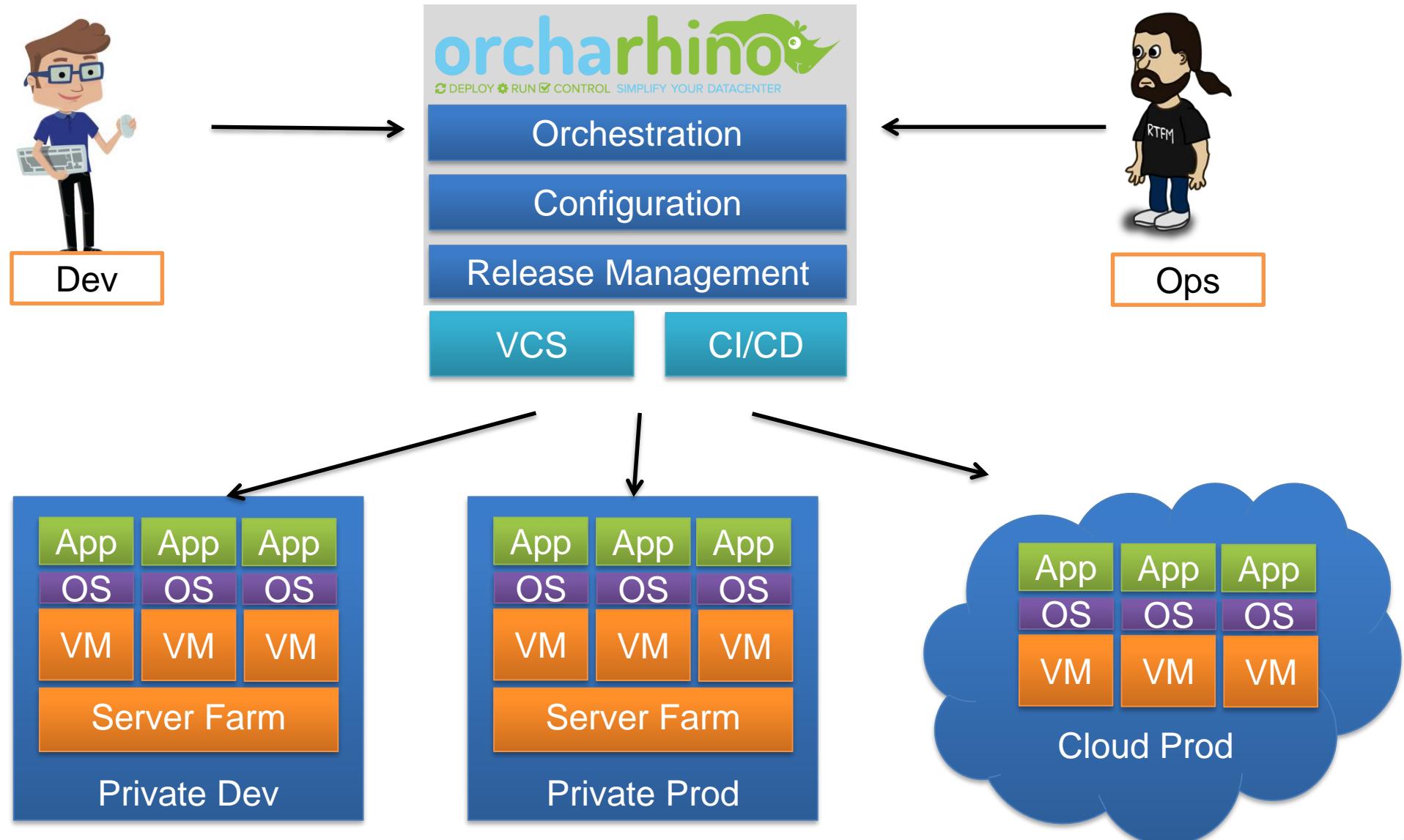


DevOps Cycle

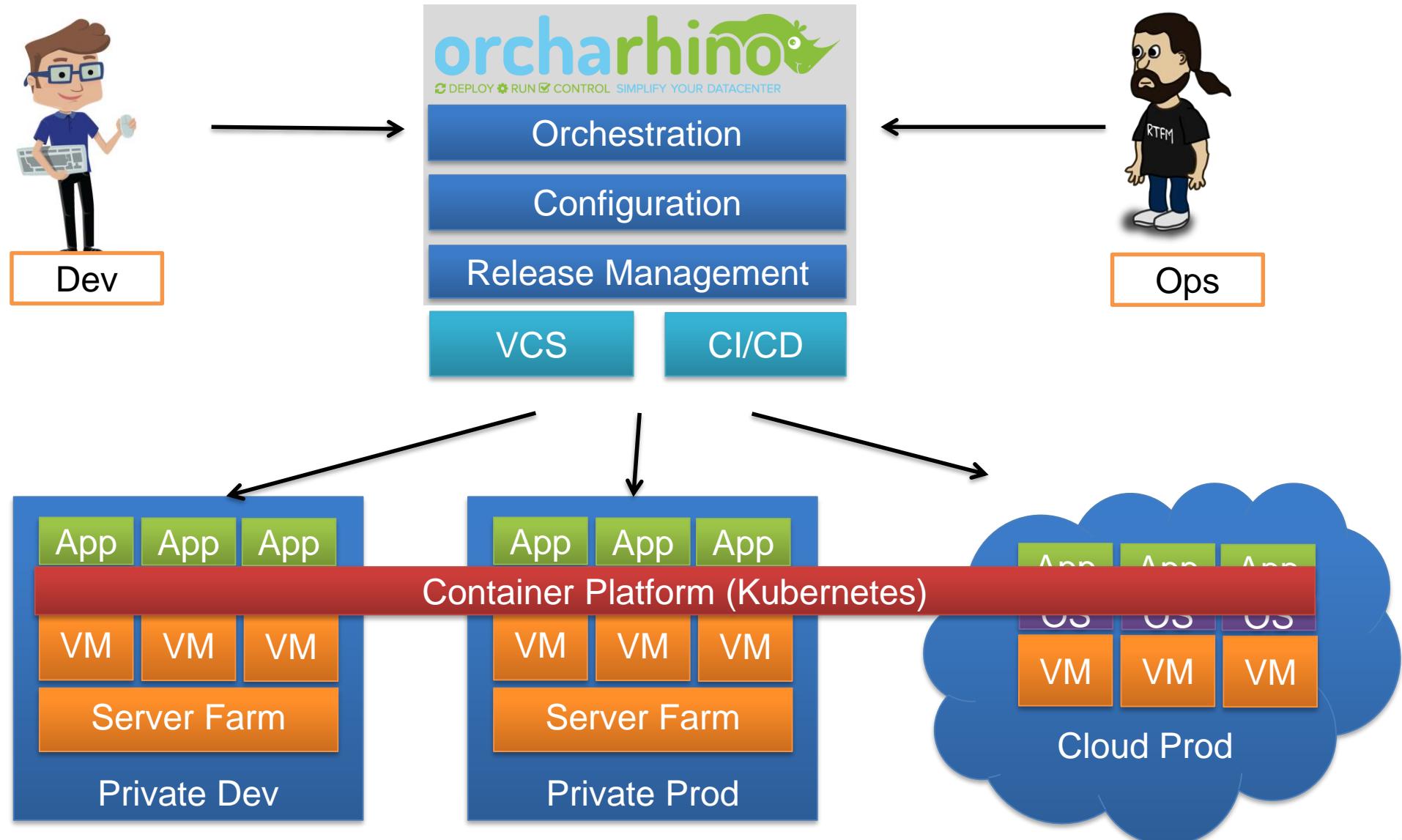


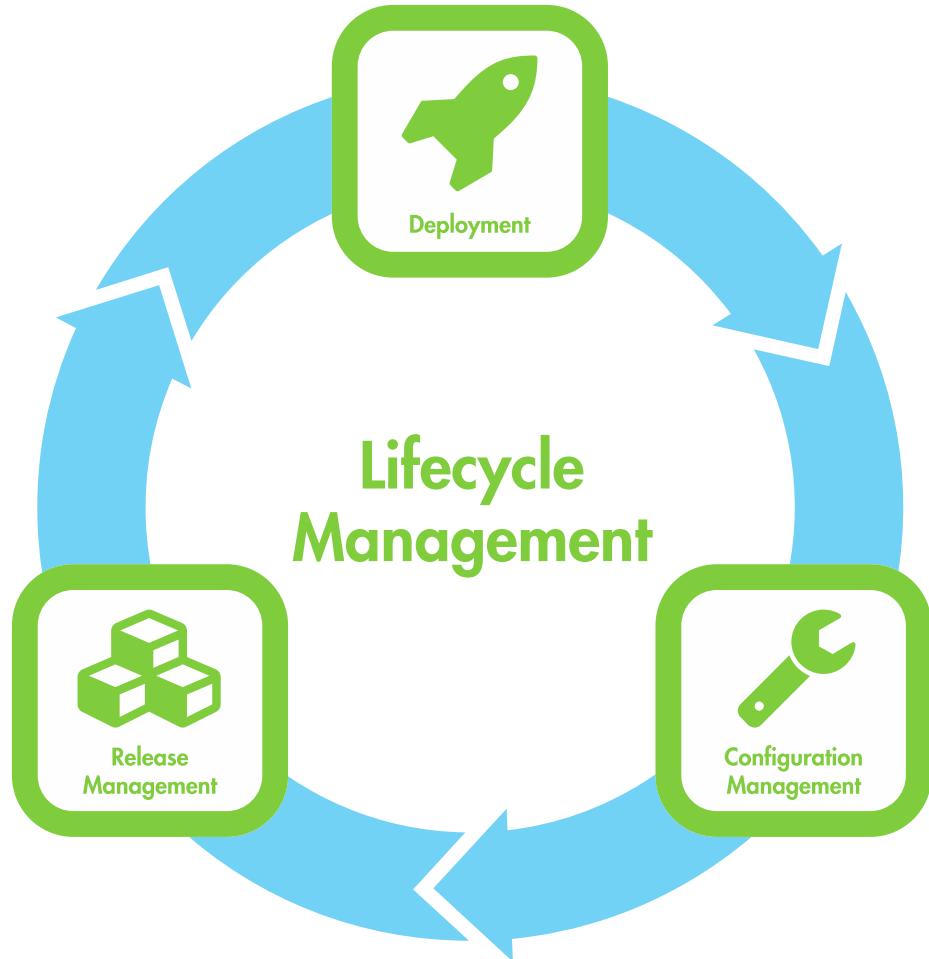


Automated Operating Environment

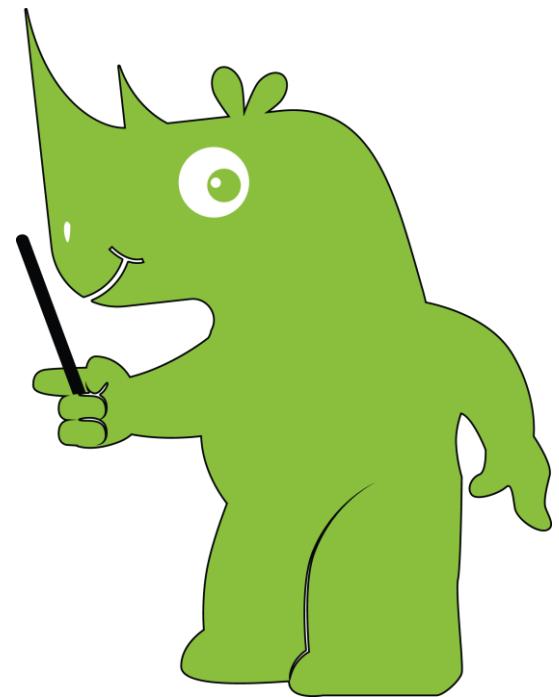


Automated Operating Environment

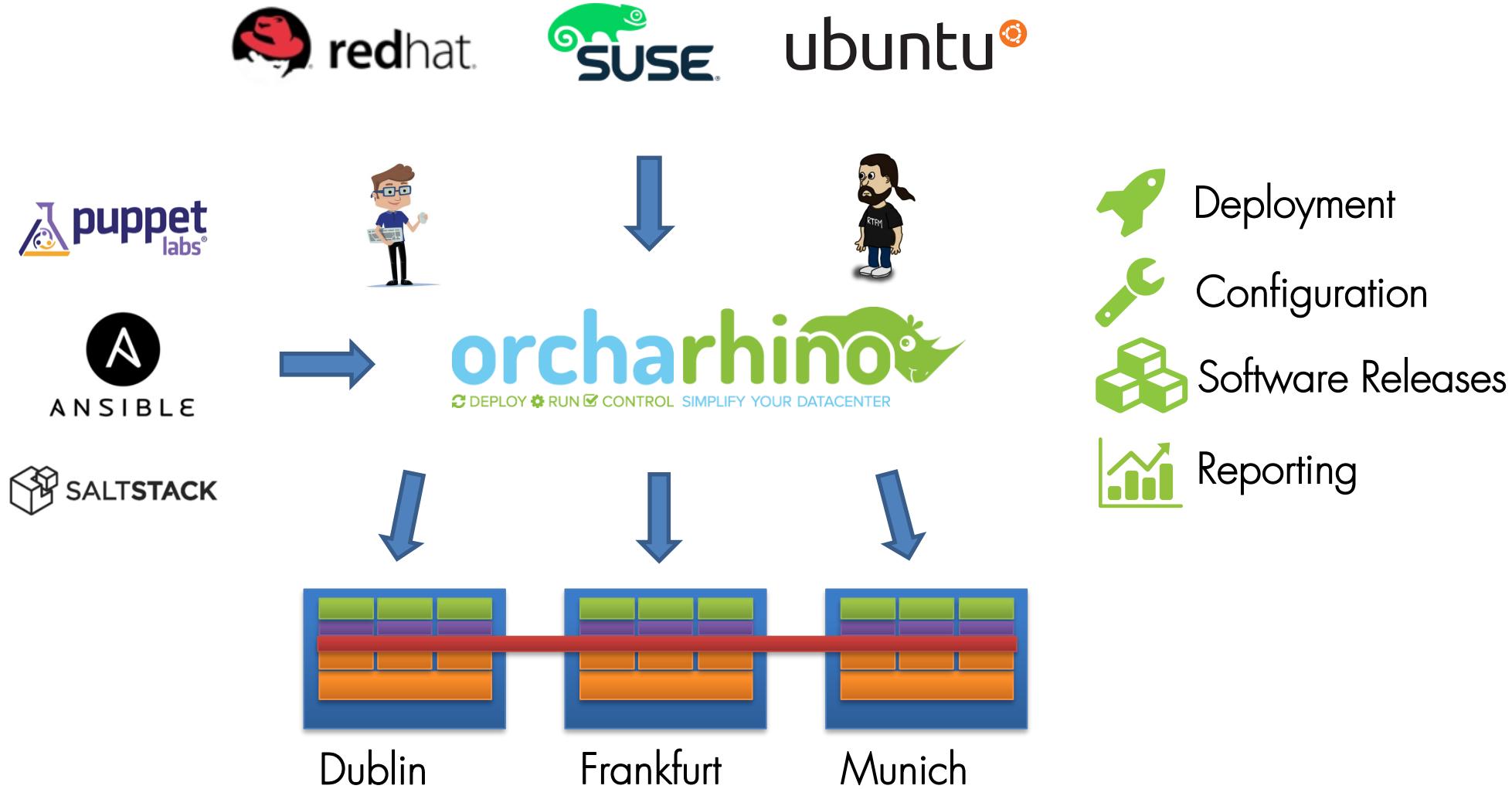




⟳ DEPLOY
⚙ RUN
✓ CONTROL



orcharhino Landscape



Deployment



- Deploy new servers on
 - Bare metal
 - Virtual machines
 - Cloud (Amazon EC2, Google, Azure)
- Many virtual machine hypervisors
- DHCP and DNS



Google Cloud Platform

oVirt



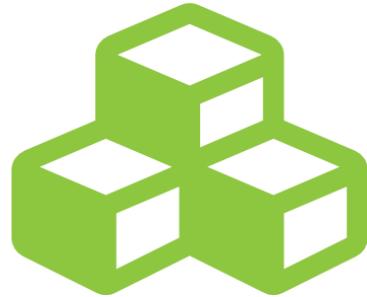
Configuration Management



- Configuration management tools:
 - Puppet
 - Ansible
 - SaltStack
- Describe configuration of application using code
- Centralized management
- Receive new status reports automatically



Software Releases



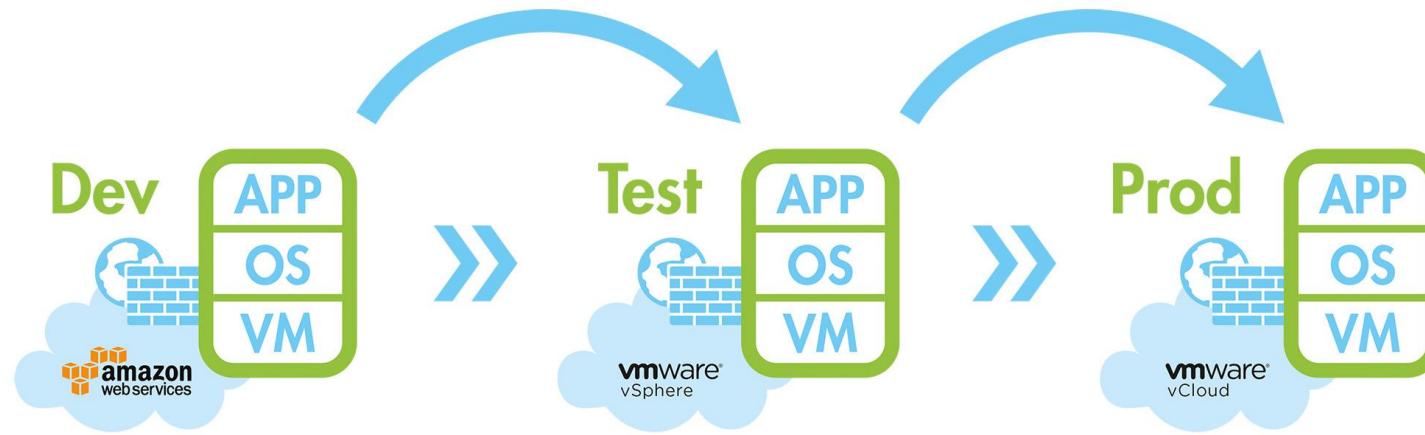
- Stay up2date on all of your servers
- Errata (security) information
- See reports





- Security Report
- Compliance Report
- Configuration Report
- Updates Report
- Auditing

Host Subscription Status	
	Count
Invalid	0
Partial	0
Valid	10
Unknown	0
Unregistered	3
Total Content Hosts	13



- Use your defined life cycle environment
- Like: development → testing → production
- Packages, patches and configuration based on lifecycle step (dev, test, prod)

... and many more

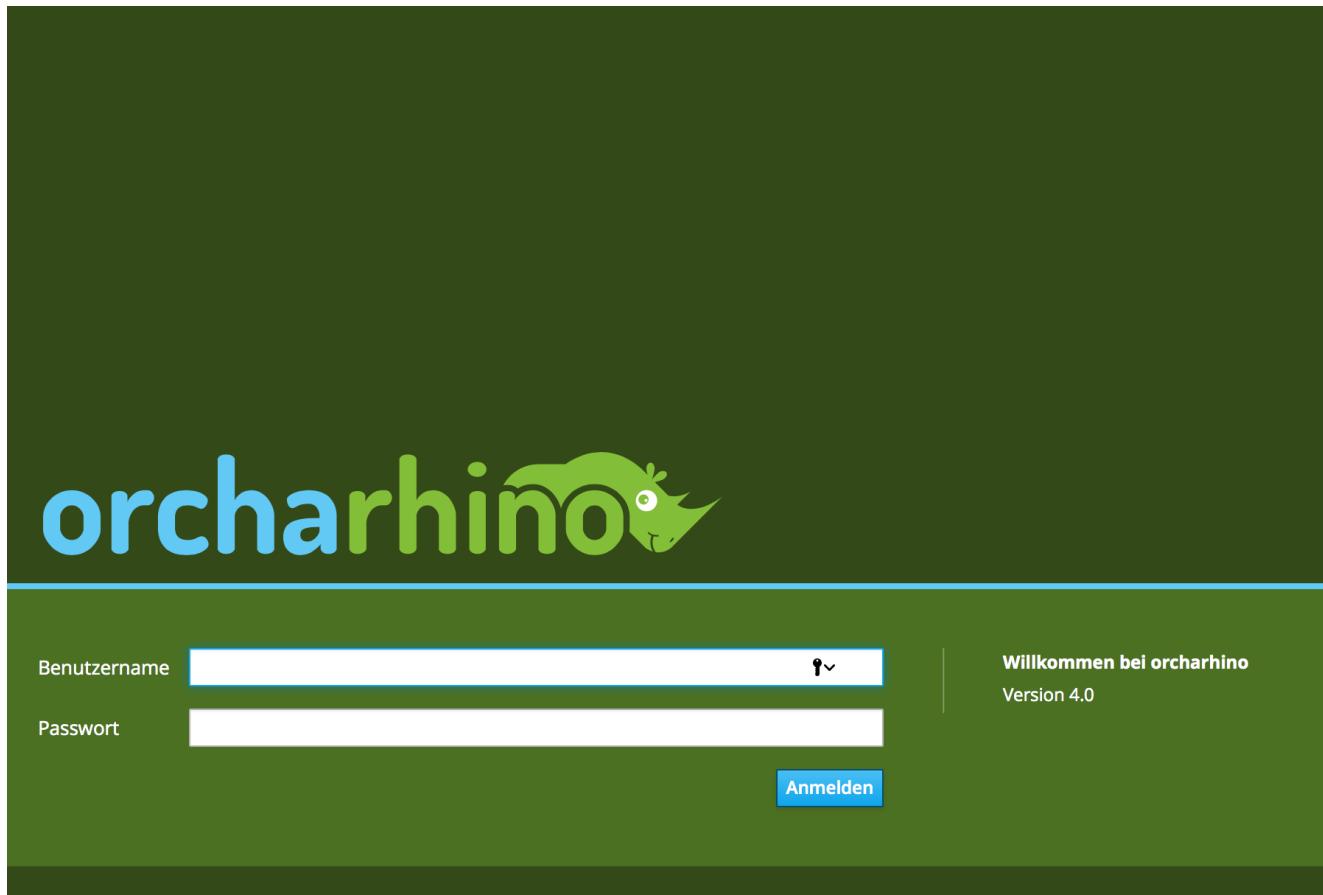


- Monitoring and Reports
- Image based installation of Windows Server
- Bulk actions (install package XYZ on 50 server)
- VMware Snapshot Management
- Remote Execution
- Vmware console (linux shell) in browser

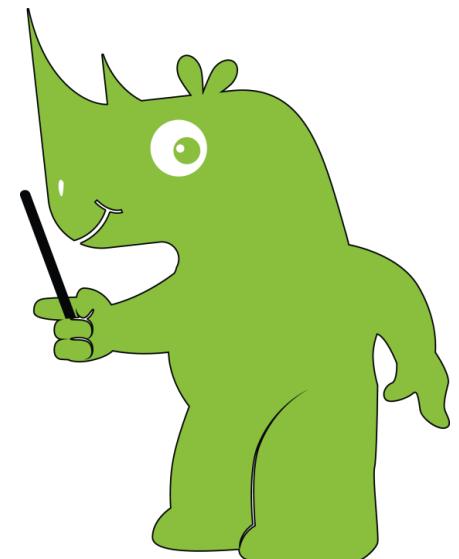
Simplify your datacenter



DEMO



The image shows the login interface for the Orcharhino application. The background is dark green. At the top left is the Orcharhino logo, which consists of the word "orcharhino" in a stylized blue and green font with a small cartoon rhino head integrated into the letter "o". Below the logo is a light blue horizontal bar. On the left side of this bar are two input fields: "Benutzername" (Username) and "Passwort" (Password), each with a clear button on the right. To the right of the bar is a vertical line, followed by the text "Willkommen bei orcharhino" and "Version 4.0". At the bottom right of the bar is a blue "Anmelden" (Login) button. The overall design is clean and modern.



Ich bin für Sie da.



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