

Bimodal IT: Bridge Traditional and Agile IT

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Two Worlds of IT Need a Bridge

Traditional IT Mode 1

Agile IT Mode 2

45% of organizations claim to have some form of bimodal capability today.

By 2017, 75% of IT organizations will have a bimodal capability.

The two brains of IT

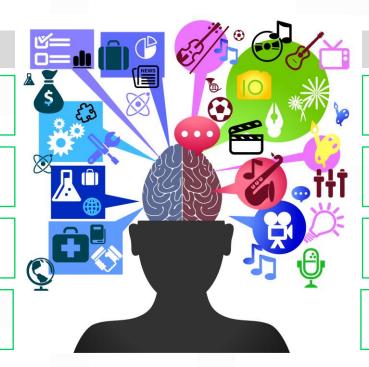
Mode 1

Reliability

Waterfall, ITIL

Conventional Projects

Long-cycle Times (months)



Mode 2

Agility

Agile, DevOps

New & Uncertain Projects

Short Cycle (days, weeks)

Challenges in Context of Docker



Developers

Frequent releases vs. staged production schedule.

"It works on my machine."

New features; Faster please!



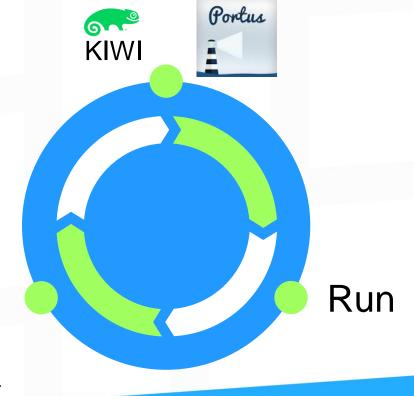


Operations

- Manage growing services
- Reliability and uptime of new applications
- Time to market
- Efficiency

Docker Lifecycle

Create









dockercon /1





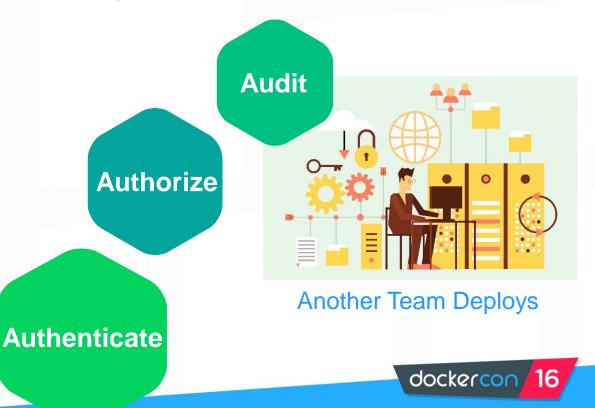
Maintain



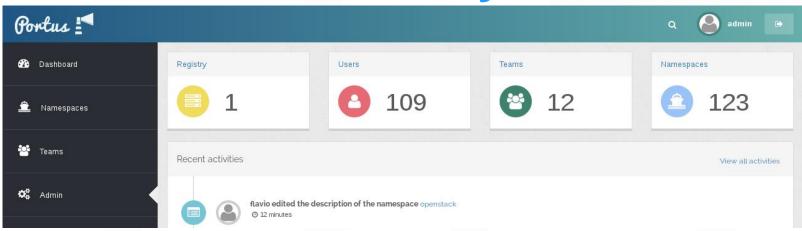
Create and Deploy Applications



One Team Creates Apps



Collaborate Securely with Portus



Open Source

Created by SUSE

Authorize

Authorize

Control access to your images

Easy to Use

Navigate Image Catalog

Audit

Keep everything under control

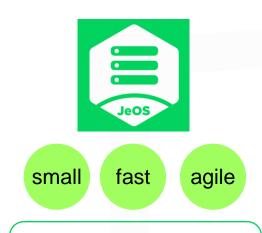


Containers Need Fast Agile Platform





JeOS provides Agile Platform Ideal for Containers



Mini SUSE Linux Enterprise Server



docker

JeOS

Mode 2

Ideal for Bimodal

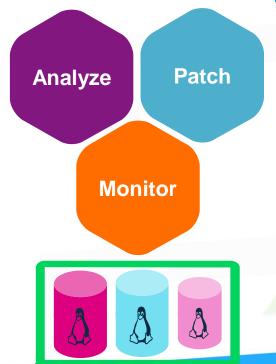


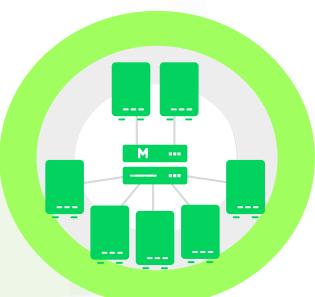
Designed for the Future



Keep Containerized Apps Secure

Manage Docker Images with YaST and Zypper-Docker





Surgically Patch Container Application



Check
Containers &
Images



Identify Vulnerable Apps



Shellshock vulnerability



Orchestrate Containers

Orchestration Enhances Business Value of Containers

Containerized Micro-server

Zero downtime, Highly available, Easy to migrate across hosts On-demand Self-services

Agile delivery, Continuous development Continuous Integration

App Lifecycle Pipeline Dev, Test, Prod

Deployment

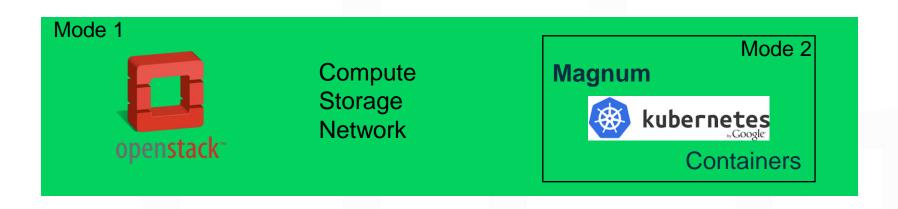
Networking

High Availability

Scaling

Monitoring

Bimodal Datacenter



Deployment

Networking

High Availability

Scaling

Monitoring

Checkout Docker mini-course videos
https://www.suse.com/promo/sle/docker.html

Learn more about SUSE Linux Enterprise 12 https://www.suse.com/promo/sle12.html



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