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28 June 2018

HOW CONTAINER TECHNOLOGY IS THE ENABLER OF THE IT TRANSFORMATION

CONTAINERS
TODAY

WHO AM I

Officially

Cloud Transformation &
Migration Analyst



In reality

- ✓ Futurist
- ✓ Transformation evangelist
- ✓ Desperately curious

Unofficially

- ✓ Cloud Consultant
- ✓ DevOps Engineer
- ✓ Docker Enthusiast

WHY ACCENTURE

GLOBAL PRESENCE

442.000 EMPLOYEES

200 CITIES

120 COUNTRIES

TOP TIER CLIENTS

SERVING 95/100 FORTUNE GLOBAL 100

INSIGHTS IN ALMOST EVERY INDUSTRY

AUTOMOTIVE, INDUSTRIAL, ENERGY, HEALTH, CAPITAL MARKETS, BANKING, TELECOM, INSURANCE, ...

**...IT IS ALL ABOUT INNOVATION
...IT IS ALL ABOUT THE FUTURE**

**CONTAINERS
TODAY**

CONTAINERS

THE GOAL

**CONTAINERS
TODAY**

WORKED FINE IN

**WHAT'S
THIS
GOT TO
DO WITH
MY LEGACY
APP?**

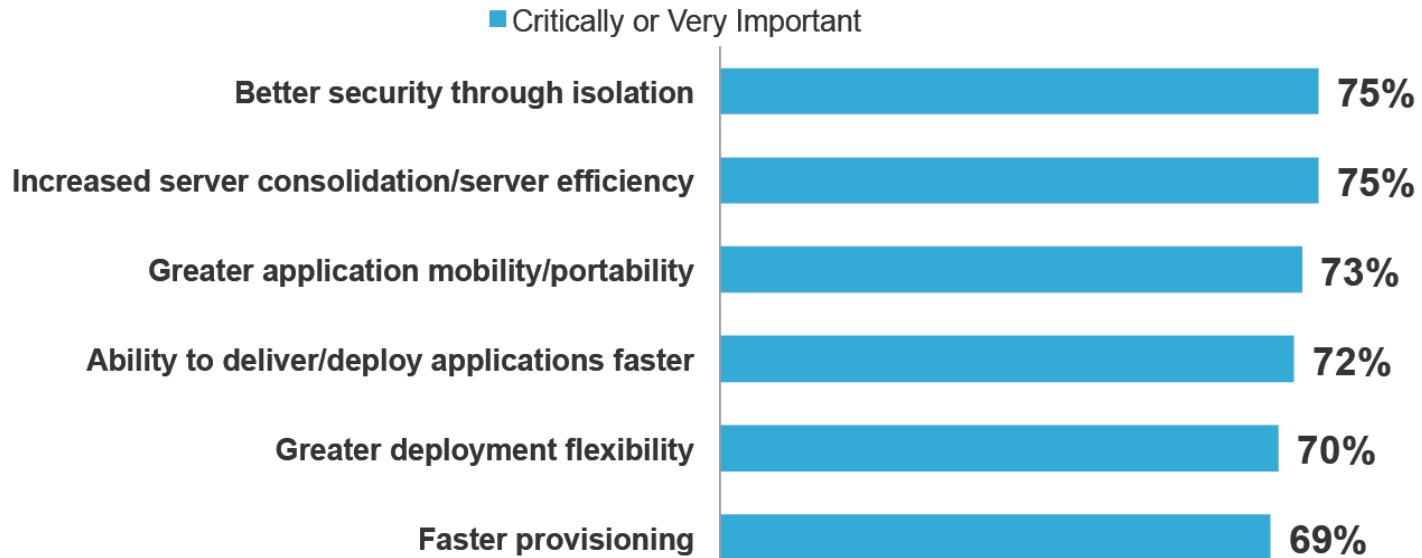
**WE'RE CONVERTING TO
MICROSERVICES**

**CONTAINERS
TODAY**

EXPECTATIONS

Containers deliver many benefits

How important are the following benefits of containers to your organization?



Base: 194 IT and Developer/programmer decision-makers at companies with 500+ employees in APAC, EMEA, and NA
 Source: A commissioned study conducted by Forrester Consulting on behalf of Red Hat, January, 2015

CONTAINERS

THE RESULT

**CONTAINERS
TODAY**

SUCCESSFUL TRANSFORMATIONS

- ✓ PARTIAL/COMPLETE MOVE TO CLOUD
- ✓ INCREASED AGILITY
- ✓ AUTOMATION
- ✓ COST REDUCTION

REALLY SUCCESSFUL TRANSFORMATIONS

- ✓ UP TO 90% INFRA COST REDUCTION
- ✓ SELF-MANAGED APPLICATIONS
- ✓ COMPLETE CULTURE CHANGE
- ✓ DEVOPS MENTALITY ADOPTION
- ✓ STARTUP MENTALITY

CONTAINERS

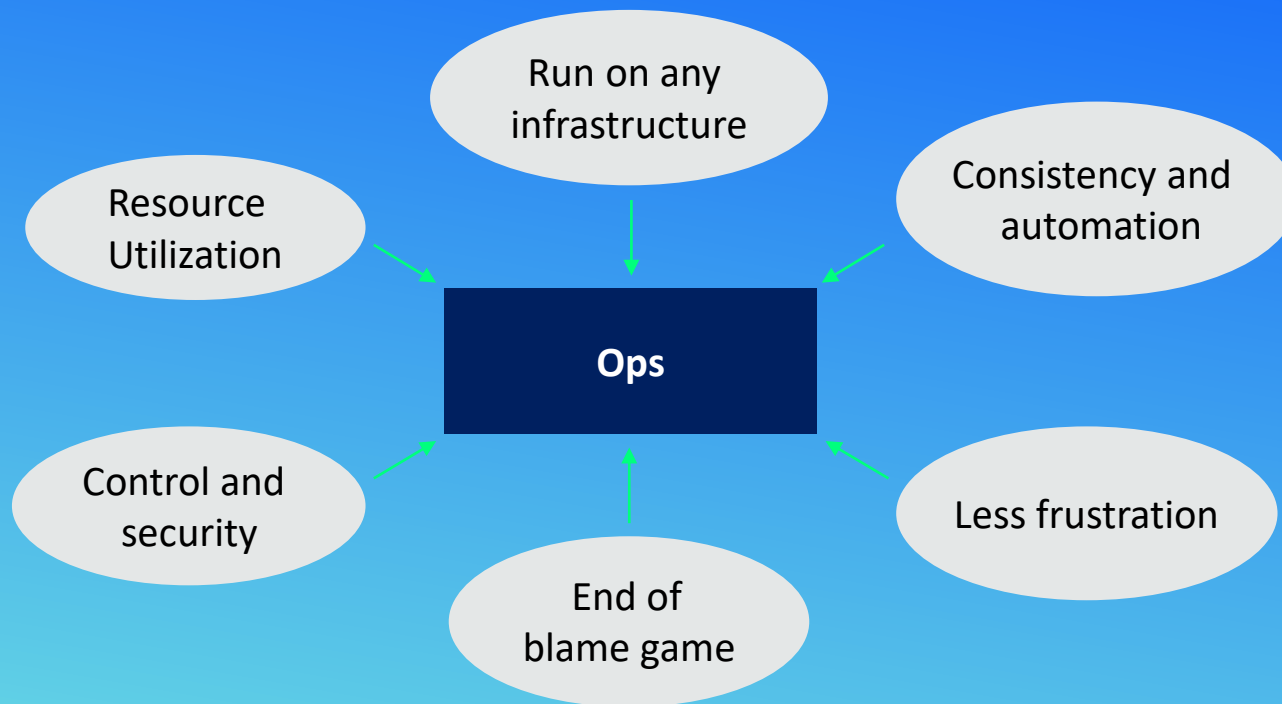
THE BREAKTHROUGH

**CONTAINERS
TODAY**

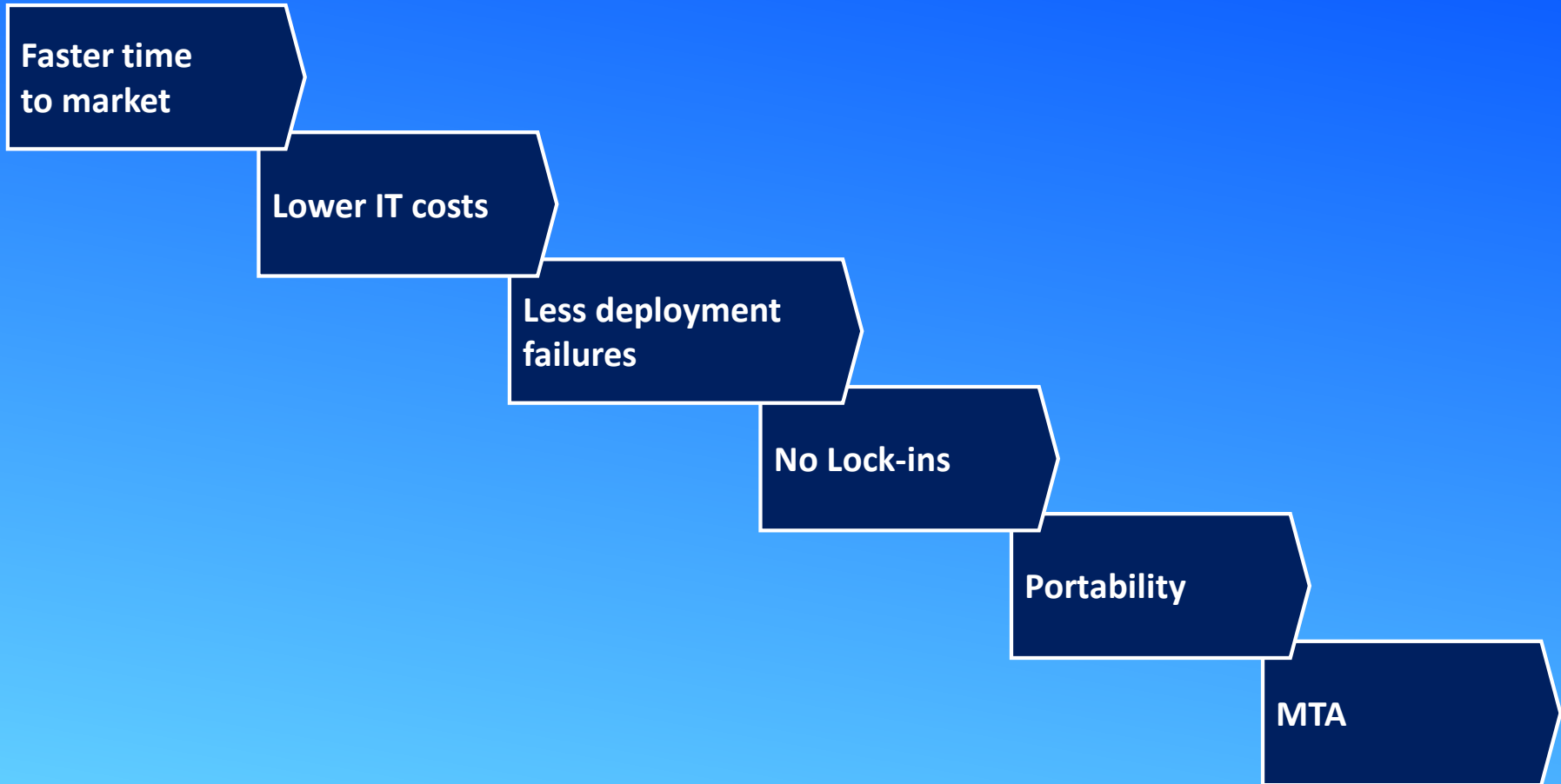
DEVELOPERS



OPERATIONS

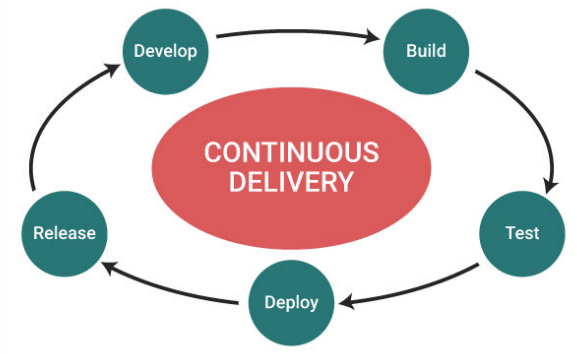
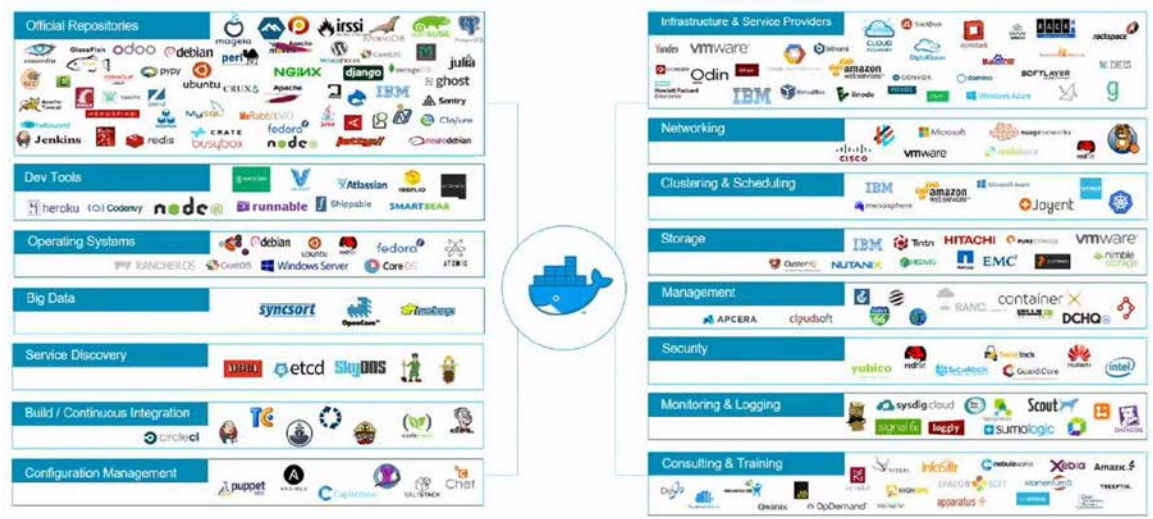


BUSINESS



ORGANIZATION

Container Ecosystem



...CONTINUOUS COST OPTIMIZATION...
 ...CONTINUOUS TRANSFORMATION...
 ...CONTINUOUS ACCELERATION...

**CONTAINERS
TODAY**

CONTAINER SUCCESS STORIES

- Up to 70% consolidation of their VMs
- Ability to scale quickly to handle the 25x increase in traffic
- Automation through orchestration
- 66% total cost of infrastructure



All achieved by a small, dedicated DevOps team of experts

- 10 applications on prod - plan for 50
- 400 developers working on platform
- Easy integration with existing infra
- Secure and rapid deployment in prod



Created enthusiasm in the whole organization. Plan for microservices and cloud native applications.

- 50% IT cost savings
- Improved visibility into all applications
- Platform standardization
- A consistent applications delivery pipeline



*“This is not a technology change – the whole organization is affected”
→ DevOps teams*

- 50% fewer vCPUs in QA - 25% in Prod
- Consistent platform/tooling
- No VM provisioning!
- >50% developer boost

Building a team of in-house experts that can consult and assist other teams towards implementing a transformation that can improve operations and development.



TAKEAWAYS

- ✓ MODERNIZE YOUR APP
- ✓ DEPLOY FAST, WITH SECURITY AND CONSISTENCY
- ✓ REDUCE YOUR INFRASTRUCTURE
- ✓ CHANGE THE MINDSET
- ✓ BRING YOUR ORGANIZATION TOGETHER
- ✓ THINK OF YOUR EMPLOYEES

PLAY THE INFINITE GAME!

“WHEN DIGITAL TRANSFORMATION IS DONE **RIGHT**, IT’S LIKE A CATERPILLAR TURNING INTO A **BUTTERFLY**.

BUT WHEN DONE **WRONG**, ALL YOU HAVE IS A **REALLY FAST CATERPILLAR**.”