



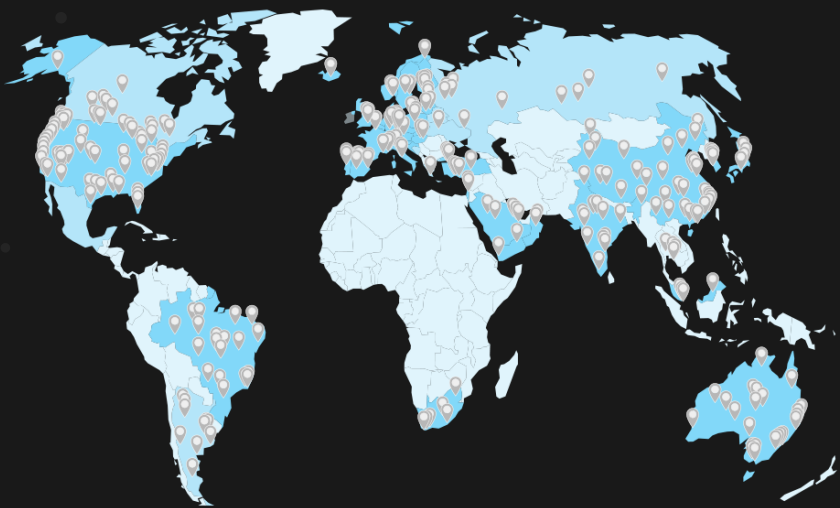
Monitoring the New Enterprise Cloud

The Autonomous Journey with OpenShift, Ansible and Dynatrace

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@Dynatrace

dynatrace - Our global enterprise app performance expertise

1.600 employees WW



8,000+ customers across 6 continents

72/100

Fortune 100

9/10

Cloud providers

8/10

Banks

8/10

Retailers

9/10

Tech brands

9/10

Manufacturers

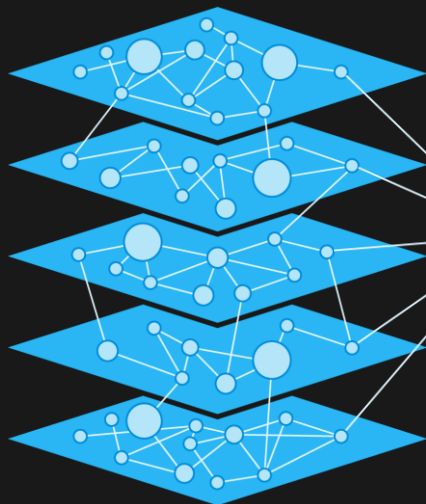
8
years



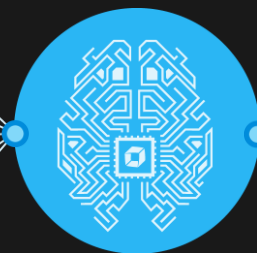


Mobile	Browser
Application	Synthetic
Code	Server
Database	Mainframe
Network	Log & Events
Container	API
Micro-service	Cloud

Full-Stack monitoring
All-in-one platform

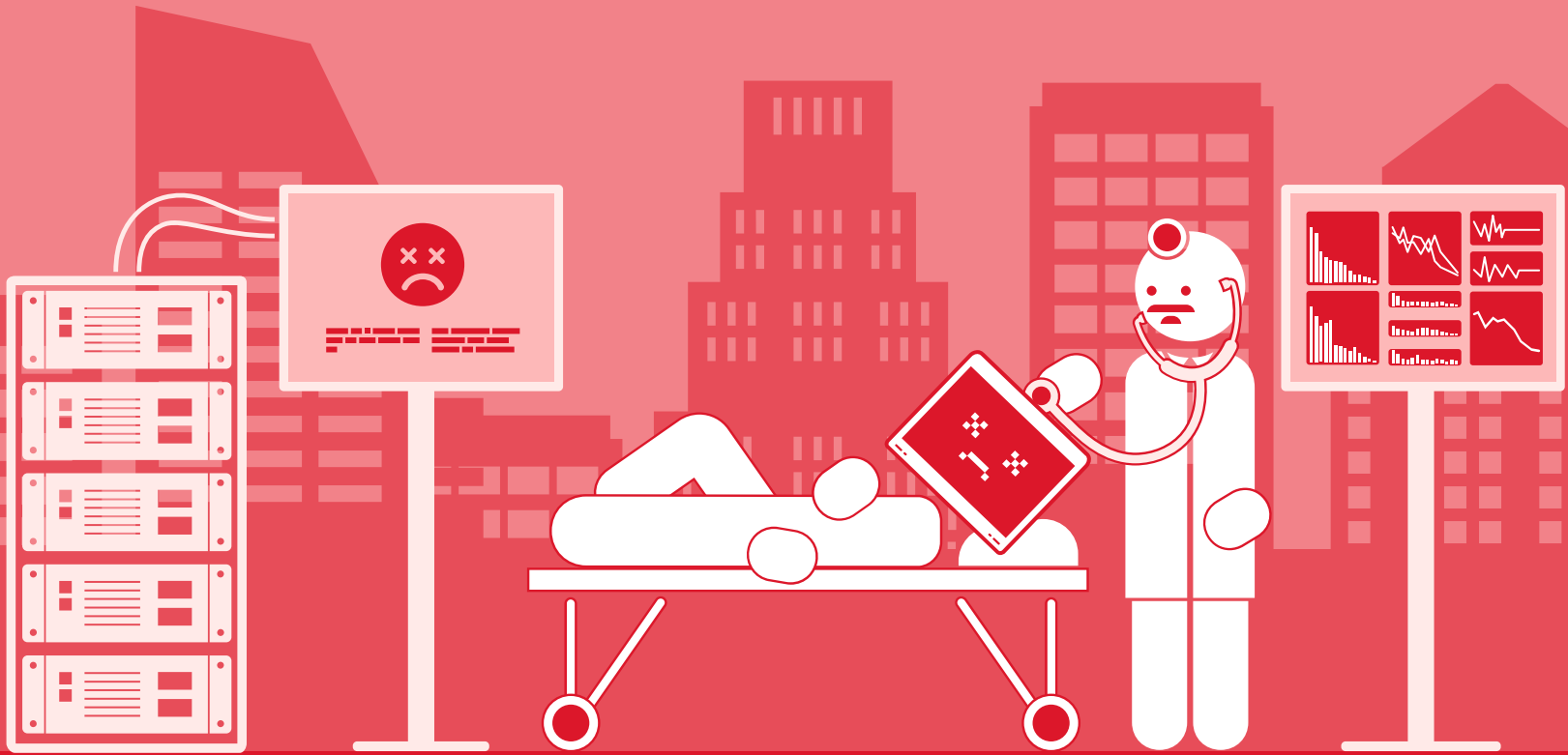


Smartscape &
PurePath, business
transaction topology



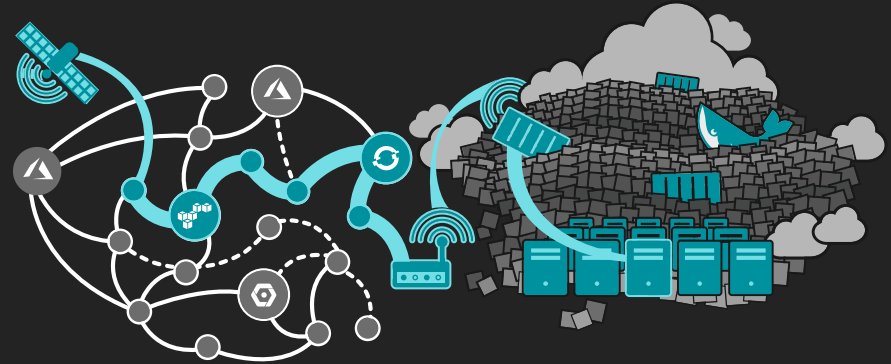
Big Data analytics
Powered by A.I.

Optimize customer
experience
Modernize
operations
Accelerate
innovation

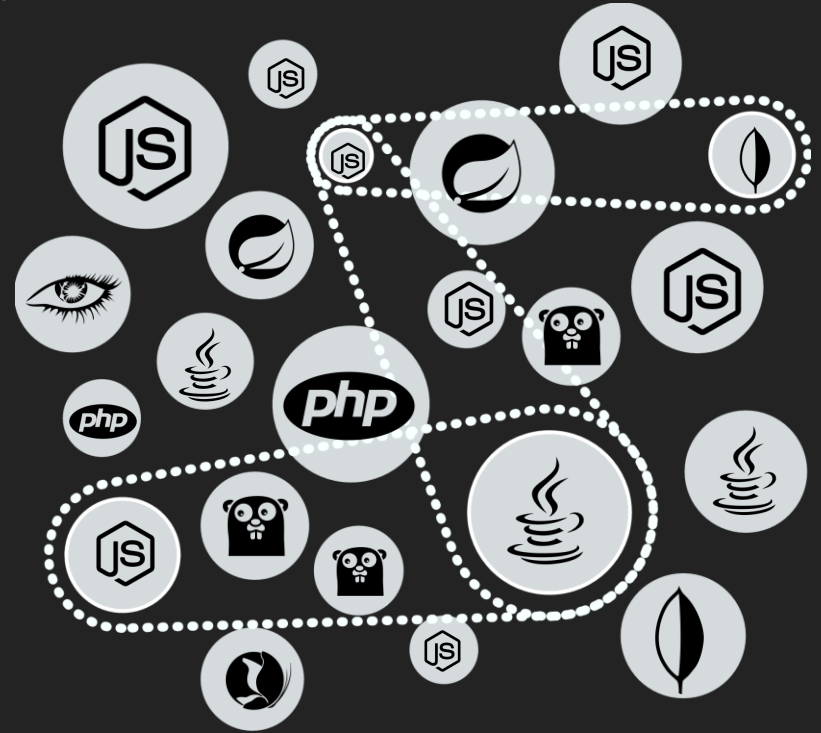


Traditional monitoring is not enough for New Enterprise Cloud

90% of enterprises are hybrid, multicloud by 2020

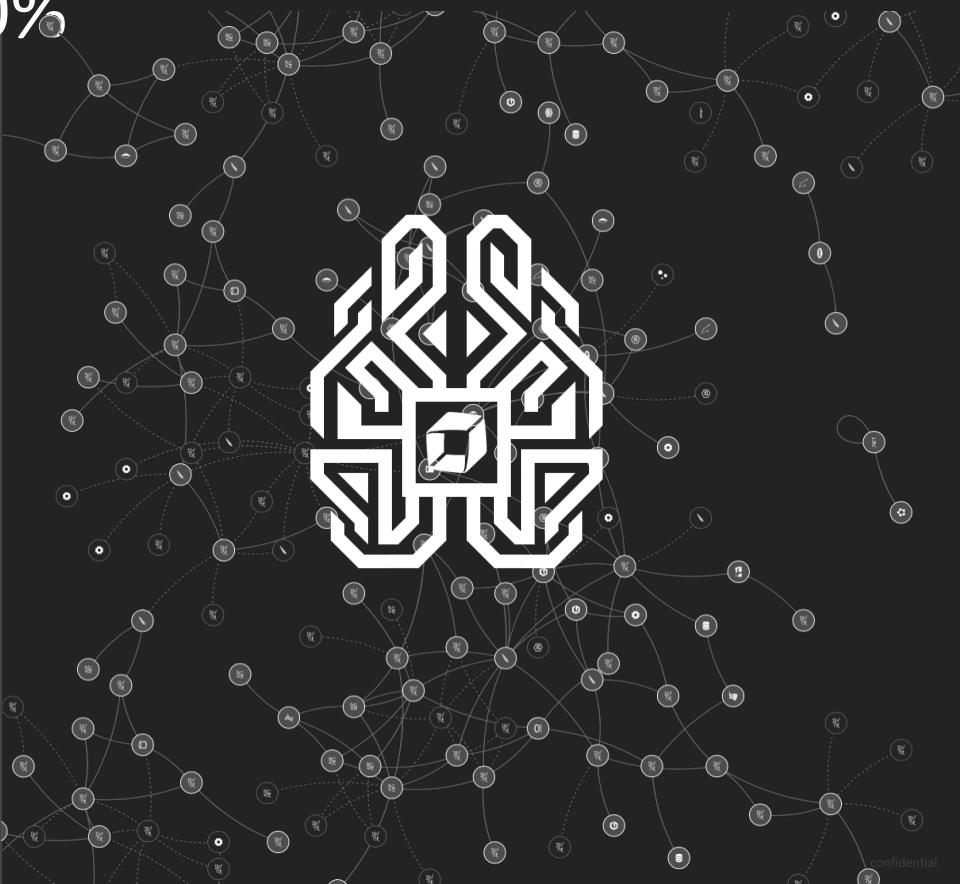
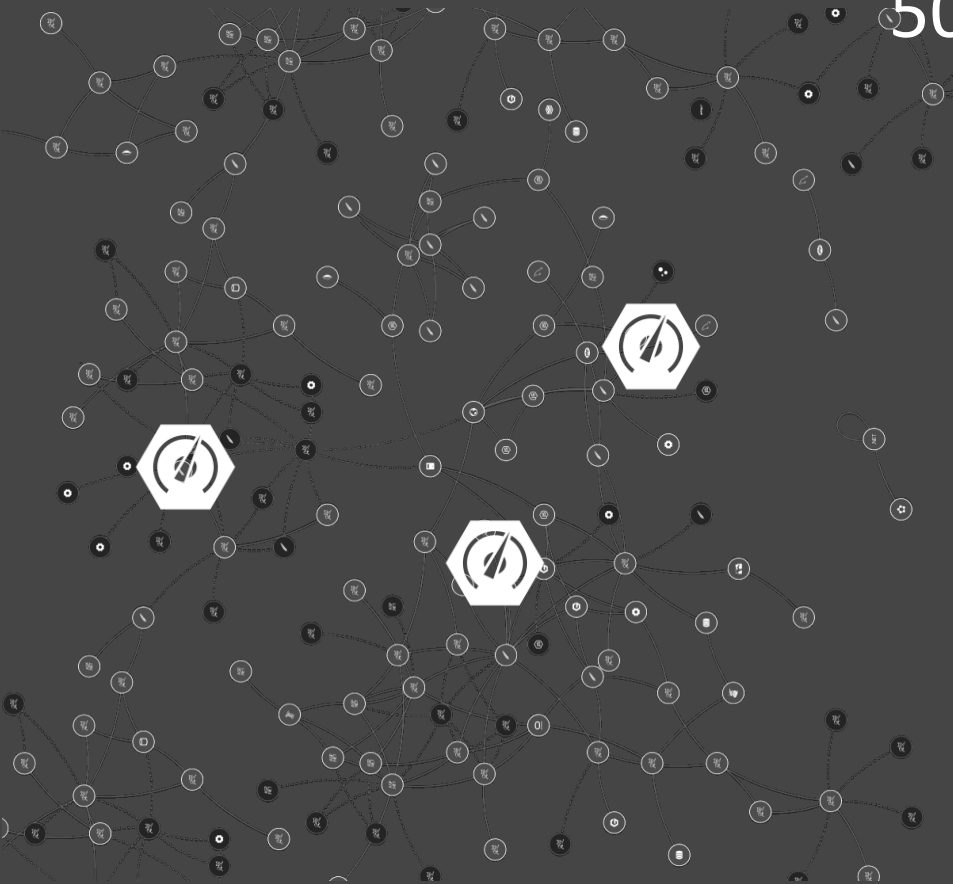


70% of enterprises are running microservices in
prod



Enterprises need to increase visibility from 5% to

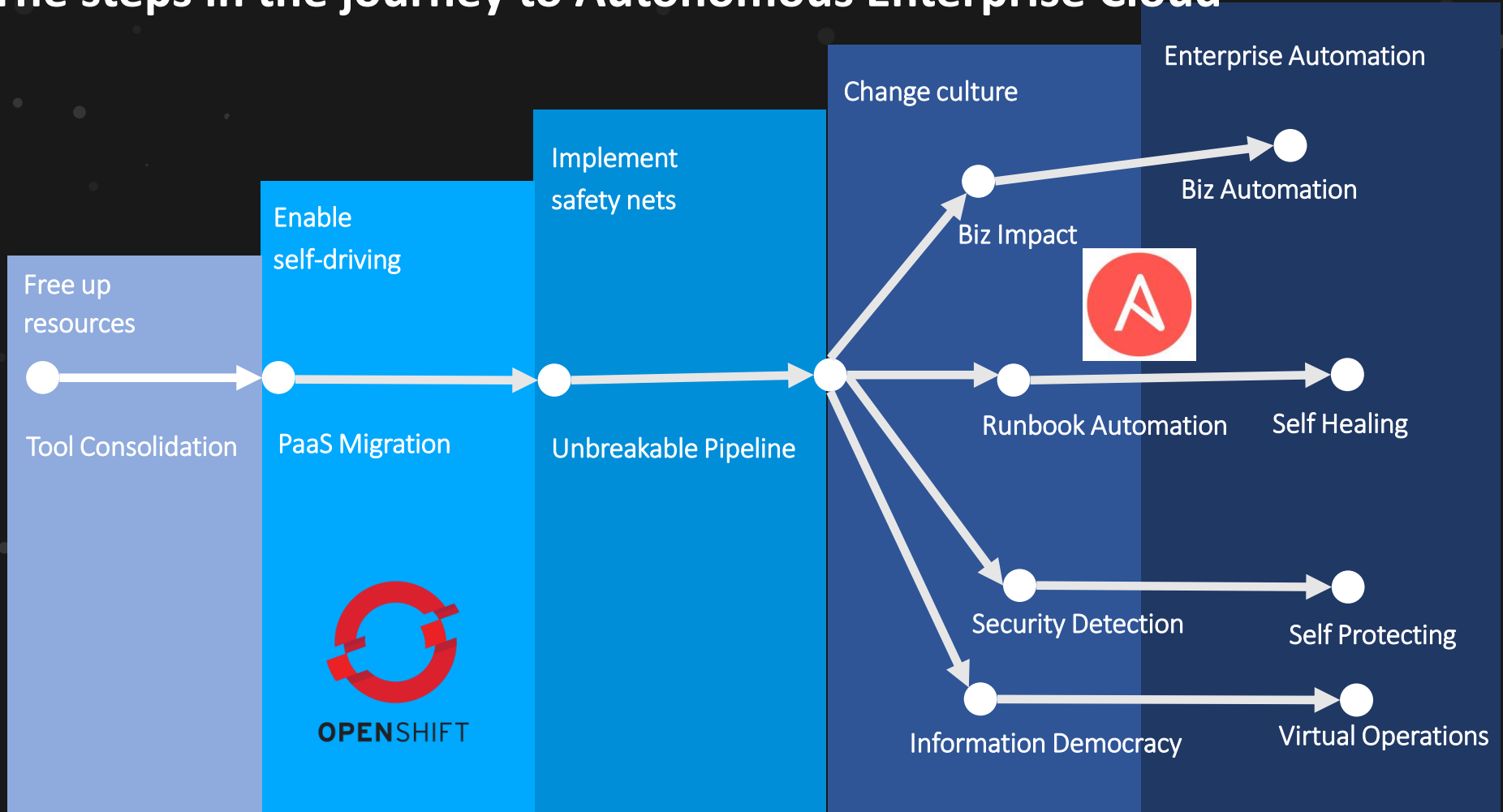
50%



85% of enterprises are implementing DevOps



The steps in the journey to Autonomous Enterprise Cloud



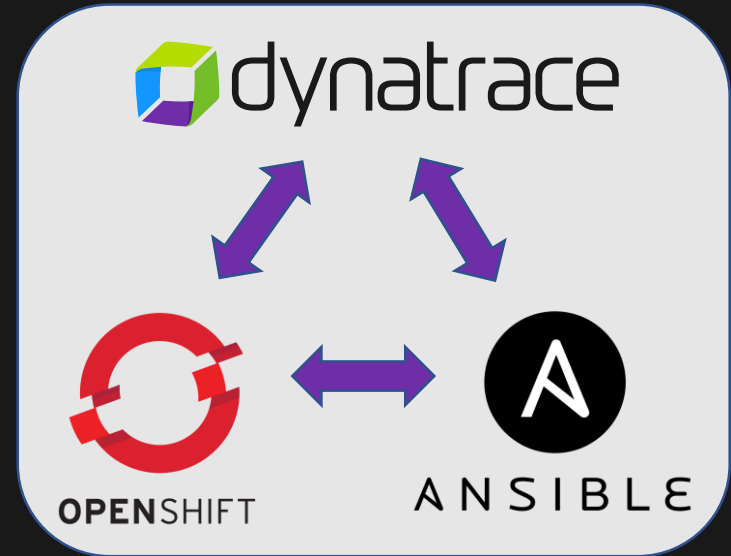
Step 1 – Free up resources

Tool Consolidation:

OpenShift Container Platform

Dynatrace Software Intelligence

Ansible Automation

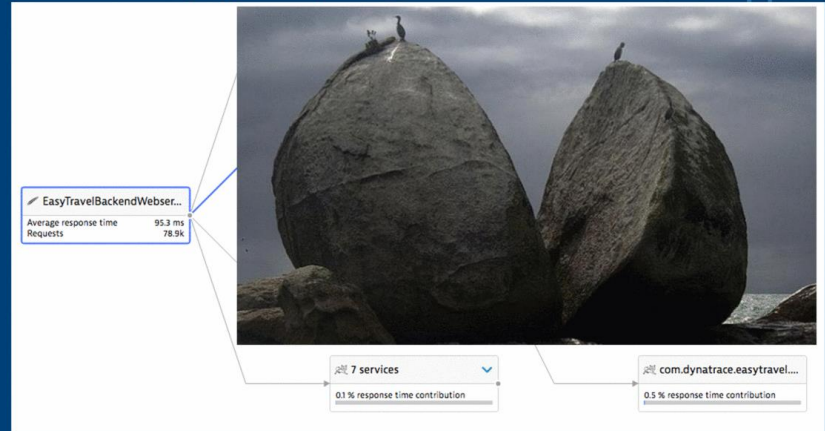


Step 2 – Enable self-driving

PaaS Migration:

Monolith-to-Microservices
Agile Development
Automated Pipelines

Experimenting on the „virtually broken“ Monolith
What are the real loosely coupled components / services to extract?



Step 3 – Implement safety nets

Unbreakable Pipelines:



Shift-left pipeline automation

Shift-right pipeline intelligence

Smart auto-remediation

<https://github.com/dynatrace-innovationlab/jenkins-dynatrace-pipeline-tutorial>

	Checkout	Build	CleanStaging	Deploy Staging	Testing	Validate Staging	DeployProduction	WarmupProduction	ValidateProduction
Average stage times (Average full run time: ~30min)	1s	2s	2s	2s	1min 56s	1s	3s	3min 47s	2s
03:18	1s	4s	1s	2s	2min 8s	2s	2s	1min 9s	1s

 + 

Push Tags & Metadata

Push Events (Deploys, Tests..)

Pull data as artifacts

- Last Successful Artifacts
- dynatrace-dynatrace-jobs 416 B #1: 03:18
- dynatrace-report.html 5.43 KB #1: 03:18
- dynatrace.log 124 B #1: 03:18
- production-dynatrace.log 409 B #1: 03:18
- staging-dynatrace.log 455 B #1: 03:18

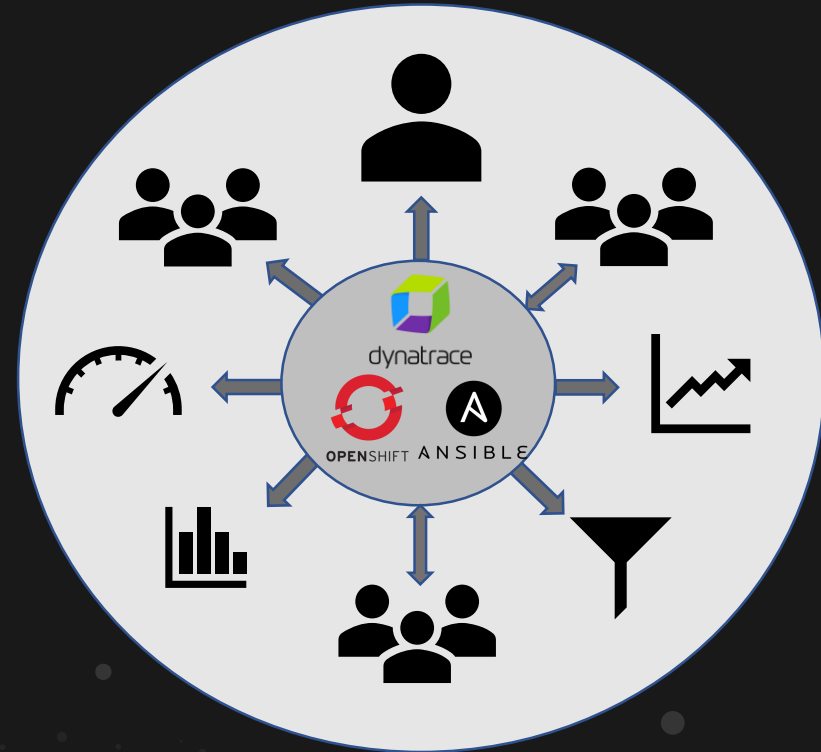
Step 4 – Change the culture

Break down the silos:

Implement runbook automation

Measure business impact

Democratize information



Step 5 – Enterprise automation

System Autonomy:

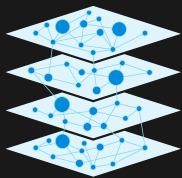
Self-healing and recovery

Business automation

Autonomous IT



How we help our customers



All-in-one

Tool consolidation
1/10th the TCO



AI-powered

20x faster MTTR
Answers, not data



Fully automated

1/10th the people
Easiest, lowest TCO



Cloud native
Enterprise grade

100x scale
Made for your stack



RED HAT®
OPENSIFT

= ideal container platform
= ideal Dynatrace environment

Use Cases where we see customers adopting OpenShift + Dynatrace

- Containers, Cloud Apps, Hybrid Cloud, Innovation
- Monoliths to Microservices Application Modernisation (Cloud Migration)
- Cloud Native Application Development
- Digital Process Driven Application Development

Seeing is believing

Start my free 15-day Dynatrace trial!

Your email address

Start free trial

No credit card required

www.dynatrace.com/trial/

DEMO TIME

Visit our Booth for a live Demo!! 😊





redhat.



Muchas gracias

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