

On-the-Fly Containerization of Enterprise Java & .NET Apps

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Agenda

Challenges with Containerizing Enterprise Apps

No Support for Legacy Apps

App Code Change Required

DCHQ Solution Overview

On-the-fly Containerization

No Code Change

Service Discovery

Demo

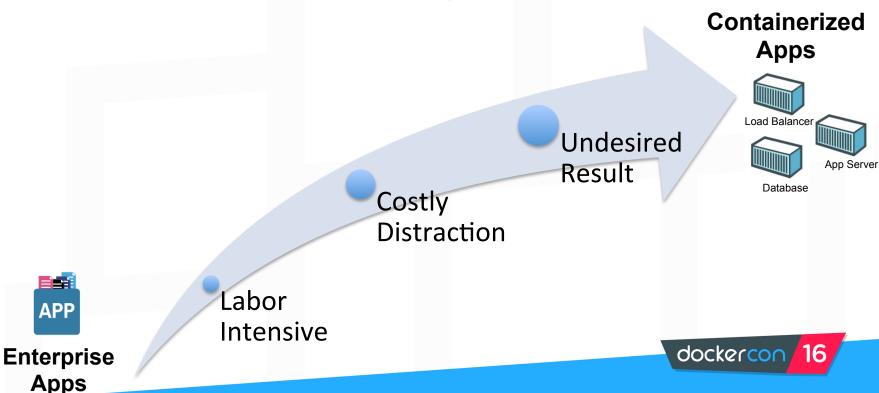
Containerization & Deployment of Multi-Tier Java & .NET Apps

Persistent Storage & Data Replication

Challenges with Containerizing Enterprise Apps

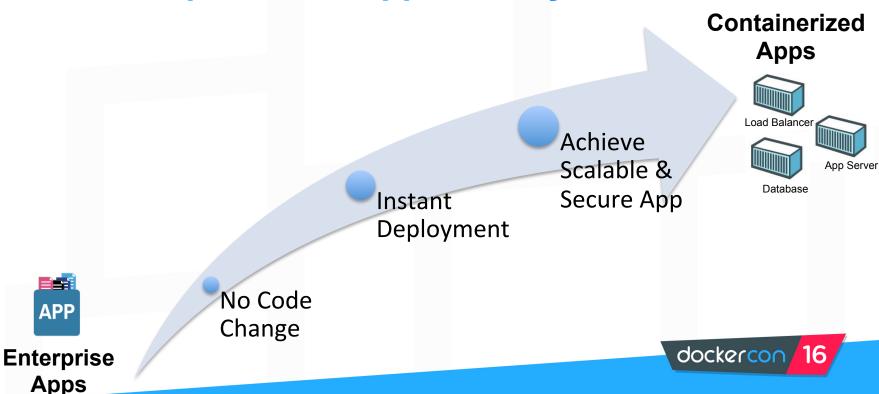


Tedious App Journey to Containers





DCHQ Simplifies the App Journey to Containers





App Journey to Containers



Problems:

- App Containerization Requires Code Change (Time & Cost)
- DEV/TEST Cannot Run on Containers if PROD Runs on VM's
- Container Orchestration Does Not Support Ancillary Services (Storage, Load Balancing, etc.)
- Enterprise Legacy Apps Not Supported











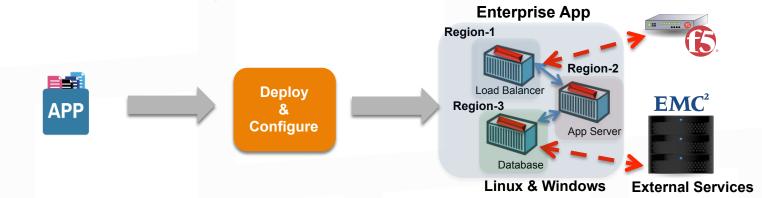
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App Journey to Containers with DCHQ



Benefits:

- No App Code Change (On-the-Fly Containerization) → Reduced Cost & Time
- Supports Both Brownfield Apps & Microservices
- Provides auto service discovery and supports open-source SDN
- Enable External Services (Storage, Monitoring, etc.) & App Configuration Changes
- Run DEV/TEST on Containers & PROD on VM's

DCHQ Solution Overview



Solution

 SaaS Platform: For Developers & Startups to manage Apps not clouds

 On-Prem Platform: For Enterprises to manage Apps across hybrid clouds

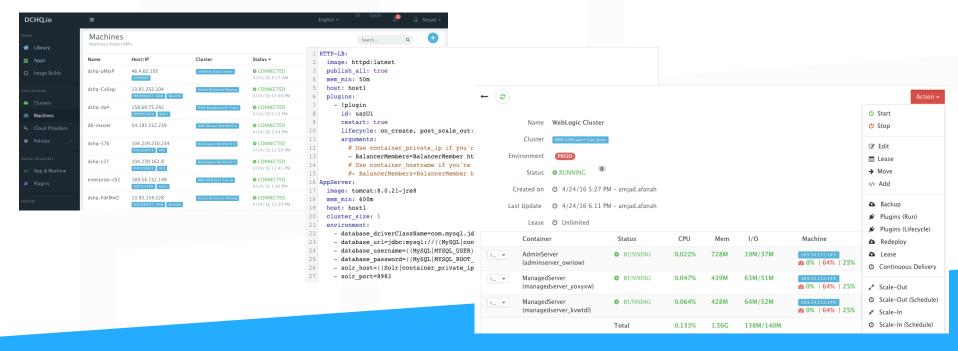




Product

Provision Cloud Resources









DCHQ Offering

Governance RBAC, Cost, Reports, Approvals, Quotas

Config, Service Discovery, On-the-Fly Containerization

Linux / Windows

IaaS Automation 18+ Clouds

App Orchestration
Most Advanced

Monitoring Host & Container

DCHQ Platform



Use Cases

App Modernization

- Migrate existing enterprise apps to the cloud
- Containerization of enterprise apps for agility & app portability
- Cloud services integration (e.g. network, storage, caching, etc.)
- Support for both Linux/ Windows workloads

Service Providers

- •Broker cloud services across AWS, Azure, OpenStack, vSphere, etc.
- Provide IaaS, PaaS, and Container Services
- ·Support multi-tenancy, billing, and localization
- Support hybrid apps (partially containerized apps, Linux/Windows)
- •Support enterprise apps (e.g. Oracle, SAP, etc.) and micro-services

Enterprise DevOps

- Faster go-to-market
- On-the-fly containerization to minimize costs & ensure consistency across DEV/TEST and PROD environments
- Elastic infrastructure for provisionmanage-retire
- Parallel testing (CI) for growing engineering teams
- Advanced queuing to minimize cloud costs

Demo

