

Docker and HPE

Accelerate Digital Transformation to Enable Hybrid IT

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Containers are the “Fastest Growing Cloud Enabling Technology”



The “Matrix from Hell” Breeds Complexity

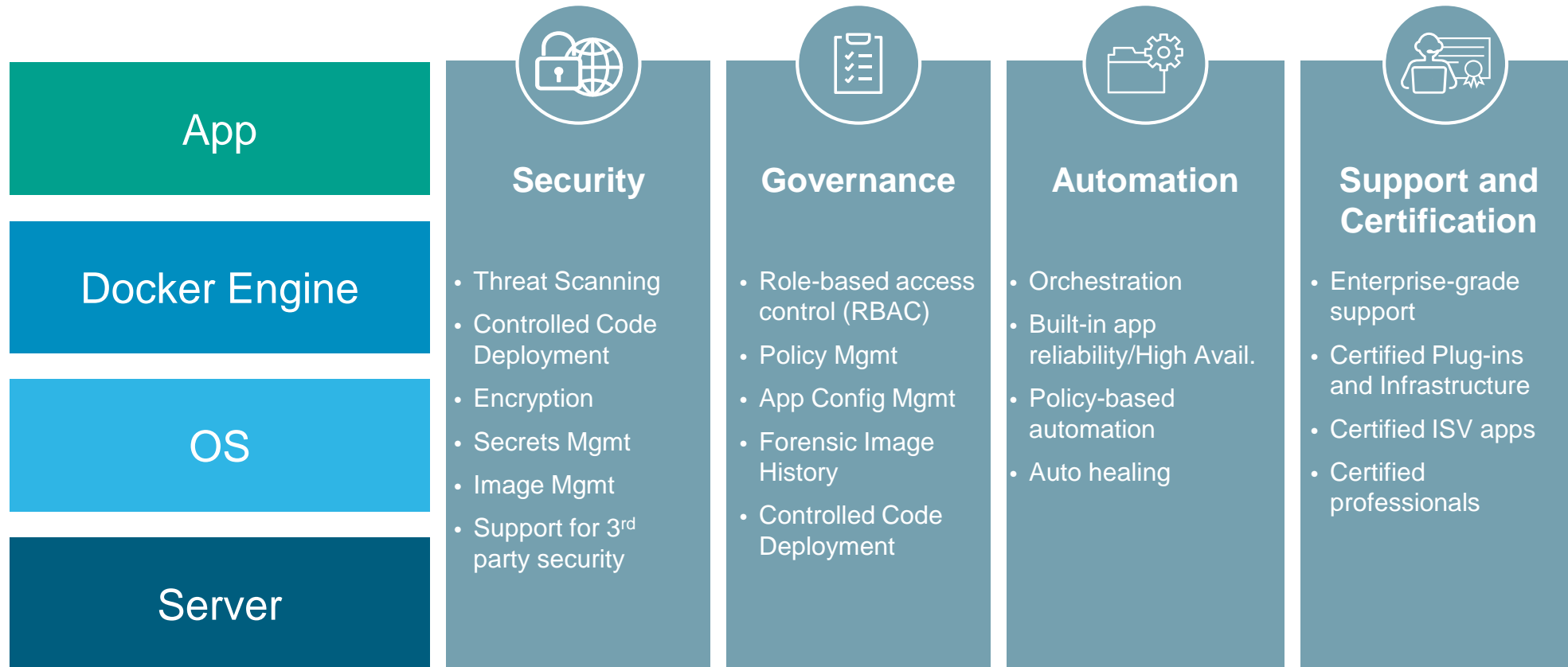
Static Website	?	?	?	?	?	?	?	?
Web Frontend	?	?	?	?	?	?	?	?
Background Workers	?	?	?	?	?	?	?	?
User DB	?	?	?	?	?	?	?	?
Analytics DB	?	?	?	?	?	?	?	?
Queue	?	?	?	?	?	?	?	?
	Desktop 	Test/QA Cluster 	Production Cluster 	Public Cloud 	Data Center 	Mainframe 	Windows Server 	Edge Device 



The “Matrix from Hell” Breeds Complexity – Containers cut complexity



Enterprises Need More than Containers, They Need a Container Platform



An Enterprise-Ready Platform for All Applications on Any Infrastructure

Enable a uniform management and security model for any app across an infrastructure



Docker Enterprise Edition Platform



Cloud



VM



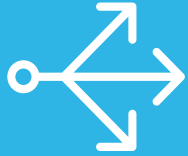
Bare Metal



Edge Device



Only Docker Enterprise Edition Delivers Choice, Agility, and Security



Choice

- Hybrid and multi-clouds
- Windows and Linux
- Traditional apps and microservices
- DevOps and existing ops processes



Agility

- Unified operations
- Rapid delivery and response
- Cost efficiency



Security

- Safer apps
- Governance
- Chain of custody
- Threat mitigation

Docker Delivers the Most Complete Migration Solution

1

PLATFORM

The only enterprise-ready container platform for **Windows Server containers**



2

TOOLS

Purpose-built tools for converting .NET apps to containers



3

METHODOLOGY

A **validated methodology** for containerizing legacy .NET applications

Docker helps your organization meet migration deadlines by providing a field-tested and validated methodology and plan for containerizing your legacy applications.

	2018Q4			2019Q1			2019Q2			2019Q3			2019Q4		
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Phase 1	██████████			██████████											
Phase 2				██████████			██████████								
Phase 3							██████████			██████████					
Phase 4										██████████			██████████		

Across the Broadest Range of Strategic IT Initiatives

 Modernize Existing or “Traditional” Applications (“MTA”)


    

 Faster Application Development and Delivery

 Cloud Strategies
Avoiding lock-in

 Modernize Software Supply Chain

 Reduce Data Center Expenses

 Secure Software Distribution
To any remote office, customer environment, or device

Power Hybrid Cloud for Genomic Research

KEY CHALLENGES

Need to deliver IT to 800+ globally distributed labs with different research teams while maintaining data sovereignty

SOLUTION

Docker EE on hybrid cloud with HPE Synergy and multiple cloud providers

RESULTS

- Seamless application portability across hybrid and multi-cloud environment
- 60% cost savings with VM consolidation and better CPU utilization
- Centrally support container services to researchers around the world

“ *We run globally in any cloud, any bare metal - this is the way we deploy our work*

Peyton McNully, CIO



Ready to Start Your Container Journey?

Swing by Docker Booth **644** to talk about modernizing apps with containers

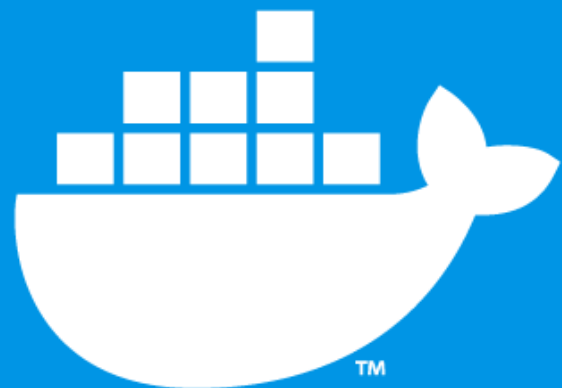


Docker Enterprise Platform

Results

- ✓ Hybrid cloud-ready apps
- ✓ 2x frequency of app deployments
- ✓ Improved app isolation and integrity
- ✓ 50% lower total cost of ownership





THANK YOU :)