

**THE ART OF  
CYBERSECURITY**



# The Art of Cybersecurity in the Cloud

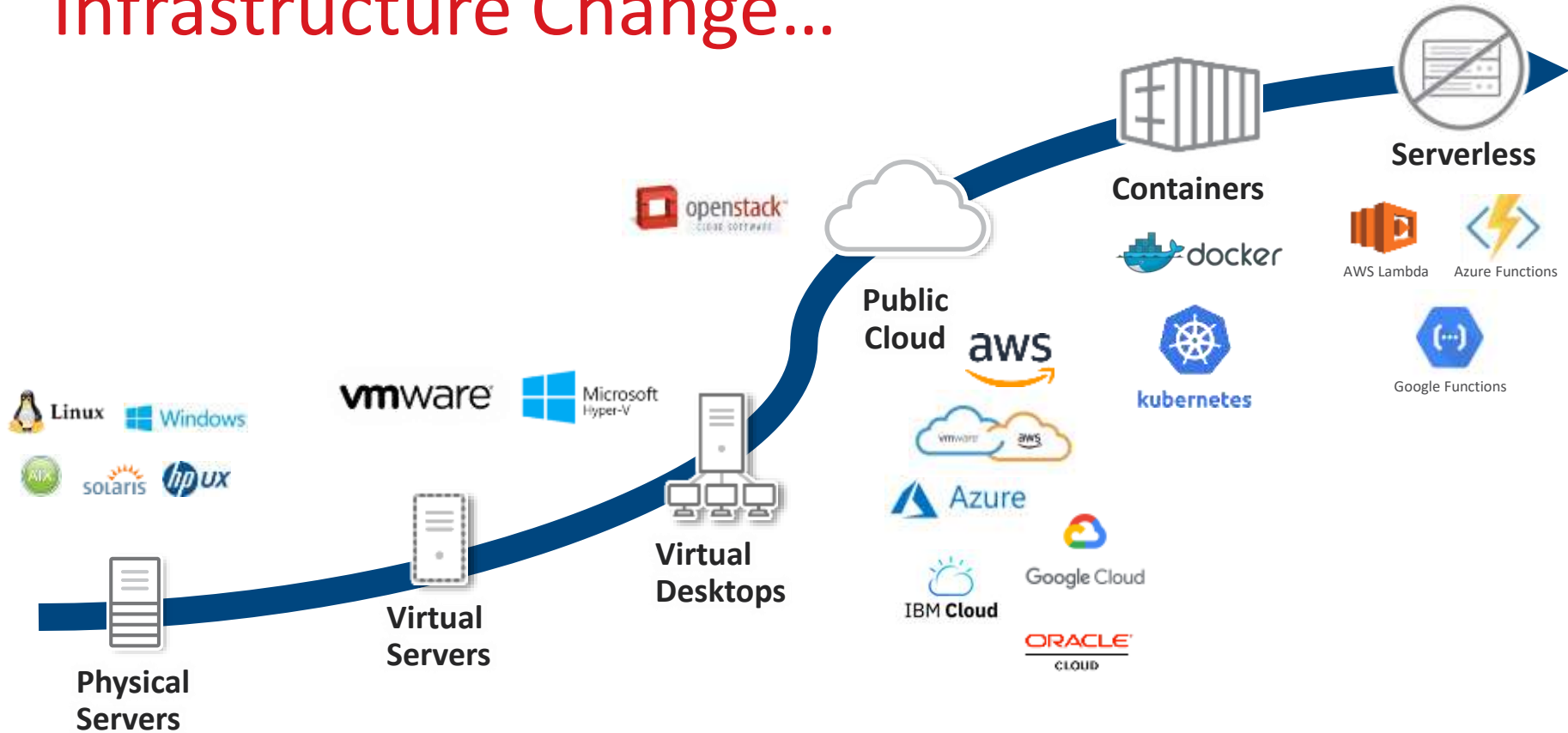
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Richard Werner Business Consultant  
09.10.2019

**It-sa 2019**

Halle 9 • Stand 434

# Infrastructure Change...



# Hybrid Cloud Evolution



## 1. Cloud Birth



## 2. Cloud Chaos



## 3. Cloud Harmony



## 4. Hybrid Groove

Security  
Decision  
Making



BU Led, Driven by  
Time to Market



IT, Security, Cloud  
Ops conflict



Cloud and Data  
Center Silo's



Aligned, integrated  
and fast

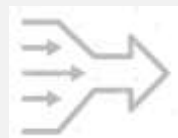
Security &  
Compliance  
Posture



Inconsistent,  
High Risk



Complicated, High  
Risk, Not Scalable



Streamlined, Lower  
Risk, Scalable



Consistent, Full  
Visibility, Faster Audits

Operational  
Cost



Experimental Spend



Most Expensive



Contained, Sustainable



Optimized

# The Art of Cybersecurity in the Cloud



## BE POWERFUL

Protect against vulnerabilities, malware & unauthorized changes



## GET STREAMLINED

Consistent protection and visibility, optimized for every part of your hybrid cloud



## GO AUTOMATED

Connected security that fits seamlessly into Dev and Ops processes to minimize friction & ensure adoption



# Gartner®

2019  
Market Guide for  
Cloud Workload  
Protection Platforms

**Free Download**

**8 of 8**

Core Controls\*

+

**21 of 25**

Additional Criteria\*

Trend Micro delivers the  
most cloud security  
controls and criteria of  
all security vendors\*

\* As assessed by Trend Micro

# Do I Need Specialized Workload Security?



## Threats

- Network attacks
- Vulnerabilities
- Malware
- Open-source



## Compliance

- PCI DSS
- HIPAA
- GDPR
- Internal

# Vulnerabilities Don't Stop or Go Away



Heartbleed



WannaCry



Erebus



*Trend Micro ZDI detected 1449 vulnerabilities in 2018. This powers unmatched timeliness for virtual patches.*



runC



kubernetes



# Accelerate Incident Response

What was affected?

What was added?

Where did it spread?



## PREVENT

Assess potential vulnerabilities and proactively protect workloads from threats



## DETECT

Detect advanced malware and suspicious behavior that evades standard defenses



## RESPOND

Respond to detections with remediation options and workflow integrations



## INVESTIGATE

Gain operational visibility, and investigate threat severity and impact

DEMISTO

ArcSight

now.

IBM  
Radar

splunk>



SWIMLANE

sumologic



TREND  
MICRO



# Built for the Hybrid Cloud

## Deep Security



### Data Center



### Public Cloud



### Containers



# Certified For Key Environments AND For Security



**aws** partner network

**Advanced Technology Partner**

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Security Competency

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Government Competency

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Public Sector Partner

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Marketplace Seller

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SaaS Partner



Level 1 Service Provider





# THE ART OF CYBERSECURITY

Unknown threats detected and stopped over time by Trend Micro. Created with real data by artist [Brendan Dawes](#).