

VMware: 2012 and beyond Italy VMUG Meeting

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Some Amazing Numbers

- Someone turns on 1 VM EVERY SIX SECONDS. That's faster than the rate of babies born in the US.
- 20 MILLION VMS running on VMware vSphere. If these were physical machines, they would stretch 20 the length of Great Wall of China.
- 5.5 vMOTIONS PER SECOND. At any given time, more VMs are in motion than planes, which take off about once per second globally.
- >800,000 vSPHEREADMINS. That's the population of San Francisco!
- >68,000 VMware-CERTIFIED PROFESSIONALS IN 146 COUNTRIES.
- >1,650 ISV PARTNERS >3,000 APPS CERTIFIED ON VMware. Healthcare: 10 out of Top 10. Telecom: 5 out of Top 5. Finance: 10 out of Top 10. Retail: 4 out of Top 5.

2

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Cloud has changed everything...

Tiring Desktop Metaphor

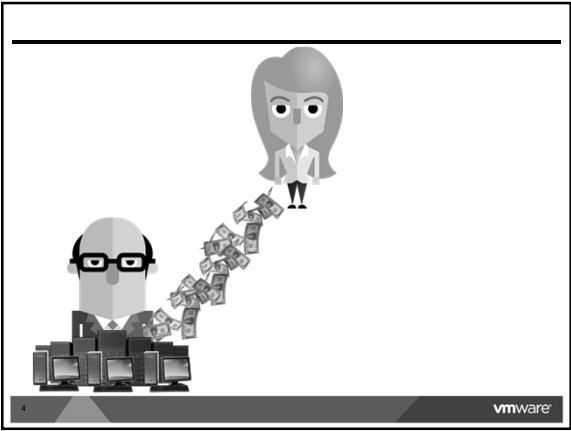
Wherever, Whenever, In Context

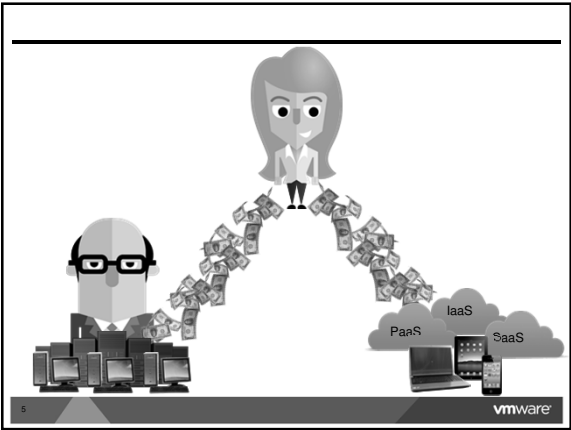
Today's IT Infrastructure

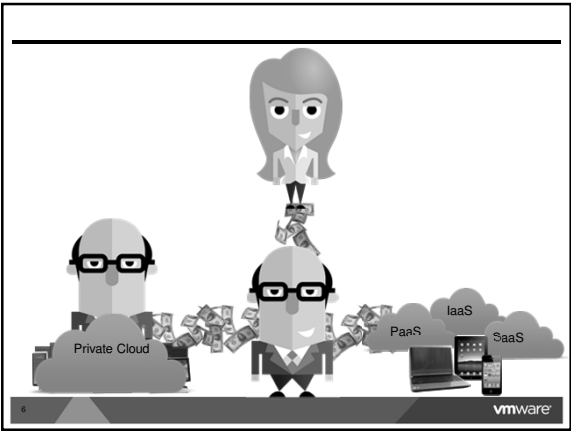
Tomorrow's IT Infrastructure

3


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How do I provide IT as a Service?



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Ducati Motor Holding

Small and medium businesses can get to the cloud very quickly and compete with larger competitors.



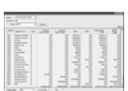
- 1,000 employees
- 0-98% virtualized <2 years
- No down time & 3x production increase to 40K bikes/year

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What can you expect from VMware?

Empowered, Secure, Mobile Workforce


- Any app on any device, anytime, anywhere – securely!



Existing Apps



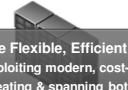
New Generation of Enterprise Apps
Combining the social, mobile experience with enterprise requirements



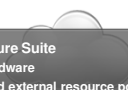
SaaS Apps

A More Flexible, Efficient Infrastructure Suite

- Exploiting modern, cost-effective hardware
- Creating & spanning both internal and external resource pools



Existing Datacenters



Public Cloud Services

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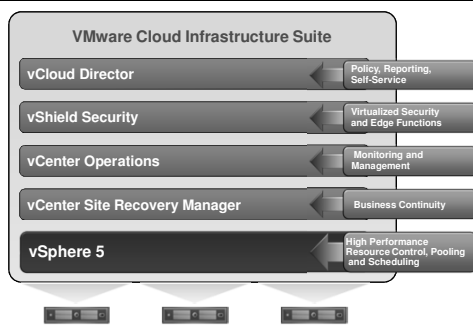
Top Priorities for VMware R&D

- **Virtualize ALL applications**
- **Automate everything**
- **Enable the hybrid cloud**
 - vCloud Director to enable the private cloud
 - Build an ecosystem of public clouds
 - Connect them in interesting ways.
- **Substantial investment in**
 - new forms of availability
 - security, especially vShield EDGE
 - VXLANs

10

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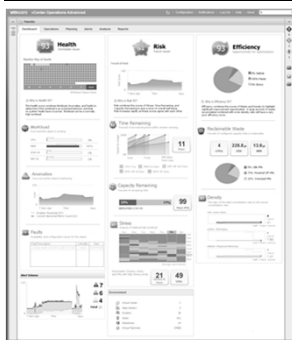
The First Comprehensive Cloud Infrastructure Suite



11

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VCOps – Management for the Cloud



Why is it unique?

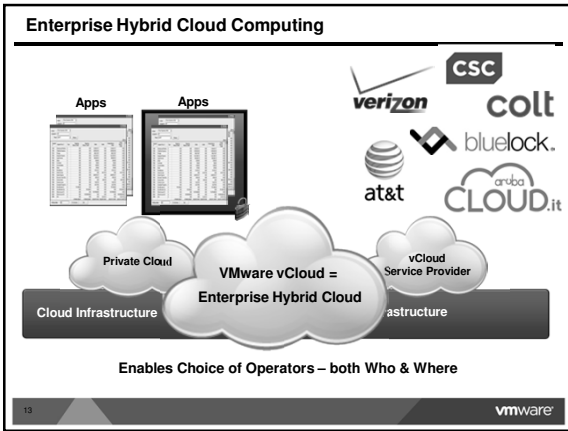
- Patented analytics self learn "normal" in a dynamic environment
- Integrated approach converges Operations Management disciplines to enable proactive incident avoidance
- Tightly integrated with vSphere and vCenter
- Designed and built for cloud; extensible to legacy solutions

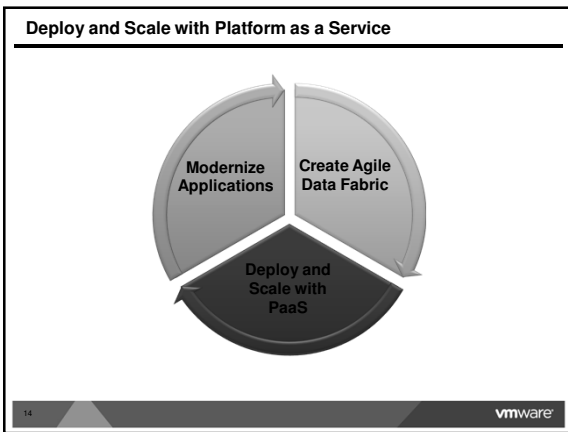


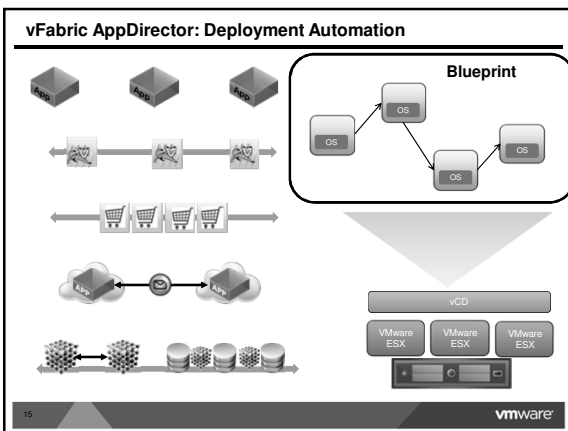
vCenter Operations Manager Dashboard

12

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What Can You Expect from VMware?

Cloud Application Platform
Modernize Today's Apps. Build for Tomorrow's.

16

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The risk of an "Incomplete PaaS"

PaaS solutions today are not complete

Introduces significant inhibitors to mainstream/enterprise adoption

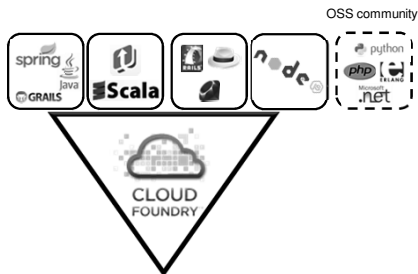
- Limited to a single framework (Azure and .NET)
- Require "special" frameworks (Azure, Google App Engine)
- Limited to a single provider (Heroku, Azure, Google)
- No on-premise solutions
- Can't move between clouds



17

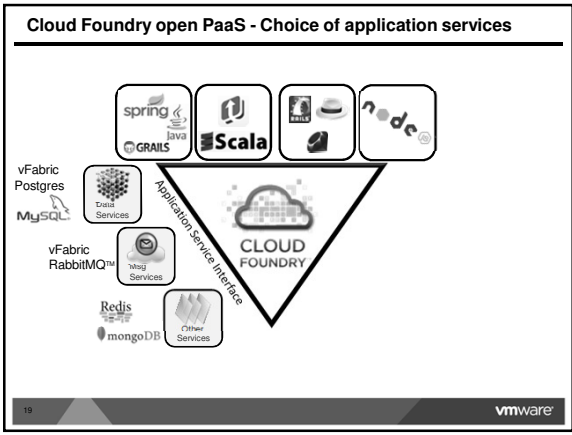
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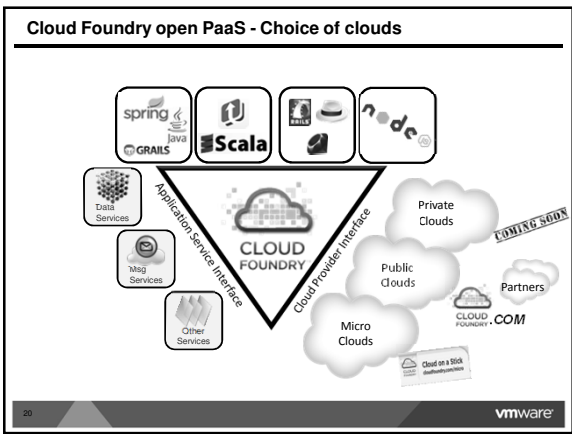
Cloud Foundry open PaaS - Choice of frameworks

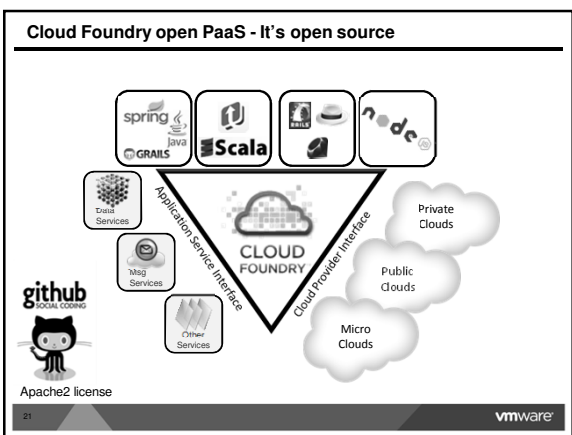


18

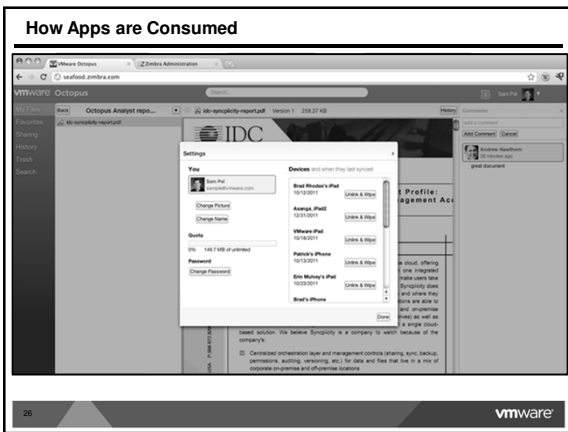
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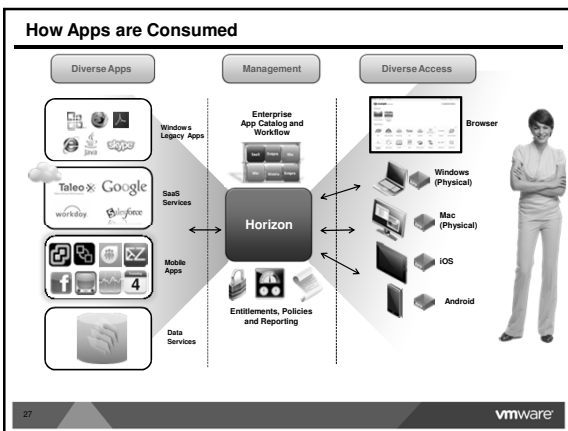












How Apps are Consumed: Horizon Mobile

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What Can You Expect from VMware?

End-User Computing
End-User Freedom. IT Control.

Cloud Application Platform
Modernize Today's Apps. Build for Tomorrow's.

Cloud Infrastructure and Management
Intelligent Virtual Infrastructure. Delivered Your Way.

29 **vmware**
