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Forward-Looking Statements

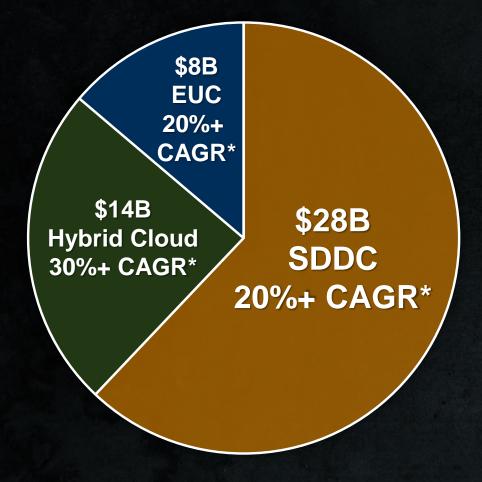
This presentation contains forward-looking statements including, among other things, statements regarding the total addressable market for VMware products and services; expectations regarding the volume of server workloads and the role of network virtualization; VMware's strategy and vision for growth in compute, networking, storage, management and software-defined data center products and services; expected features and availability of VMware NSX, Virtual SAN, and VVols products and their potential benefits to customers and partners; pricing and expectations of customer interest and demand; and trends in cloud management. These forward-looking statements are subject to the safe harbor provisions created by the Private Securities Litigation Reform Act of 1995. Actual results could differ materially from those projected in the forward-looking statements as a result of certain risk factors, including but not limited to: (i) adverse changes in general economic or market conditions; (ii) delays or reductions in consumer or information technology spending; (iii) competitive factors, including but not limited to pricing pressures, industry consolidation, entry of new competitors into the virtualization and cloud computing markets, and new product and marketing initiatives by our competitors; (iv) our customers' ability to develop, and to transition to, new products and computing strategies such as cloud computing, network virtualization and the software defined data center; (v) the uncertainty of customer acceptance of emerging technology; (vi) rapid technological and market changes in virtualization software and platforms for cloud and end user computing and networking; (vii) our ability to attract and retain highly qualified employees; and (viii) geopolitical events and stability. These forward-looking statements are based on current expectations and are subject to uncertainties and changes in condition, significance, value and effect as well as other risks detailed in documents filed with the Securities and Exchange Commission, including our most recent reports on Form 10-K and Form 10-Q and current reports on Form 8-K that we may file from time to time, which could cause actual results to vary from expectations. VMware assumes no obligation to, and does not currently intend to, update any such forwardlooking statements after the date of this release.

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Financial Analyst Day VMware Software-Defined Data Center Products

Raghu Raghuram Executive Vice President of Cloud Infrastructure and Management VMware

\$50B+ Total Addressable Market Opportunity 2016



Source: Analyst Data and VMware Internal Analysis, 1Q2013, * CAGR from 2012-2016

Major Trends



Customers recognize the SDDC as the new architecture for future data centers



Positioning customers for success in the mobile-cloud era

- Compute
- Networking
- Storage
- Management

Mobile-Cloud Era Demands Continued Innovation



New Challenges for IT...

- Velocity–Continuous application development and deployment
- Explosion of data volume
- Inefficient infrastructure silos
- IT Losing Control–Use of external infrastructure resources



...Require New Data Center Capabilities

- 1. Apps and services in production on-demand
- 2. Automated, dynamic resource assignment with ecosystem integration
- 3. HW-agnostic and elastic scalability
- 4. Hybrid infrastructure with IT control

Positioning IT Organizations for Success in the Mobile-Cloud Era

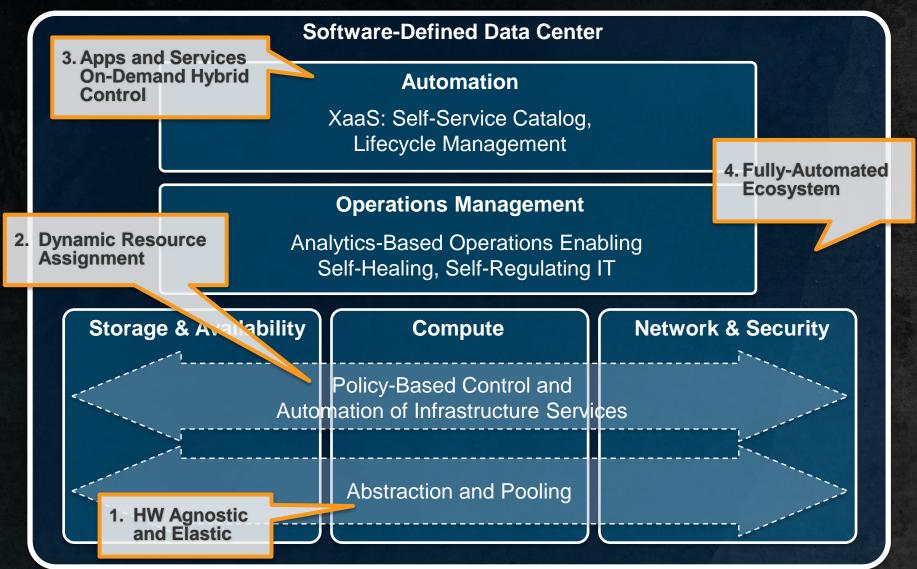


Software-Defined Data Center

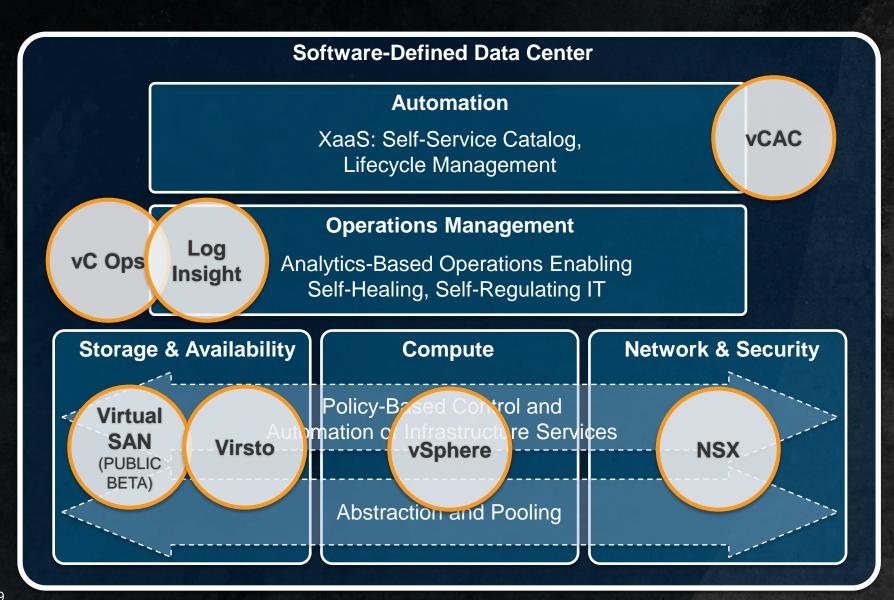
All infrastructure is virtualized and delivered as a service, and the control of this data center is entirely automated by software

SDDC:

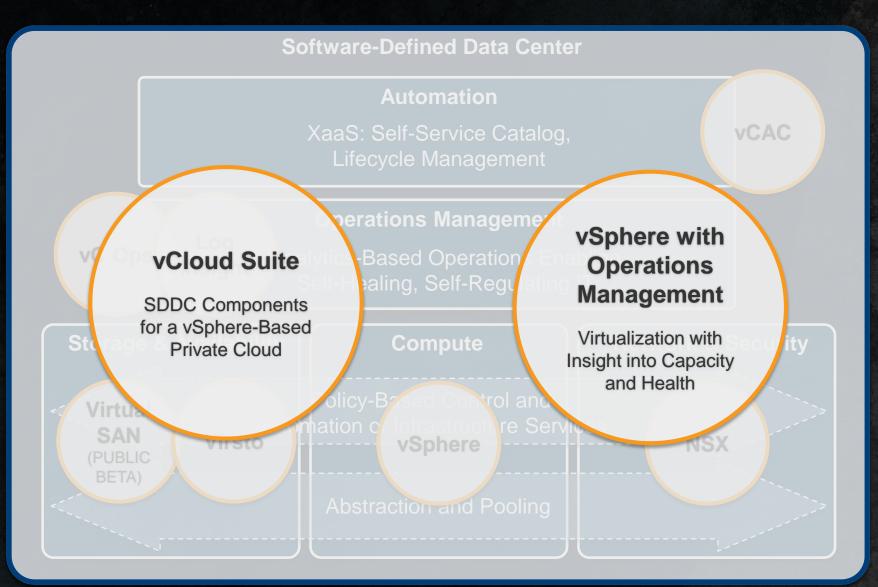
Positioning Enterprise IT for the Mobile-Cloud Era



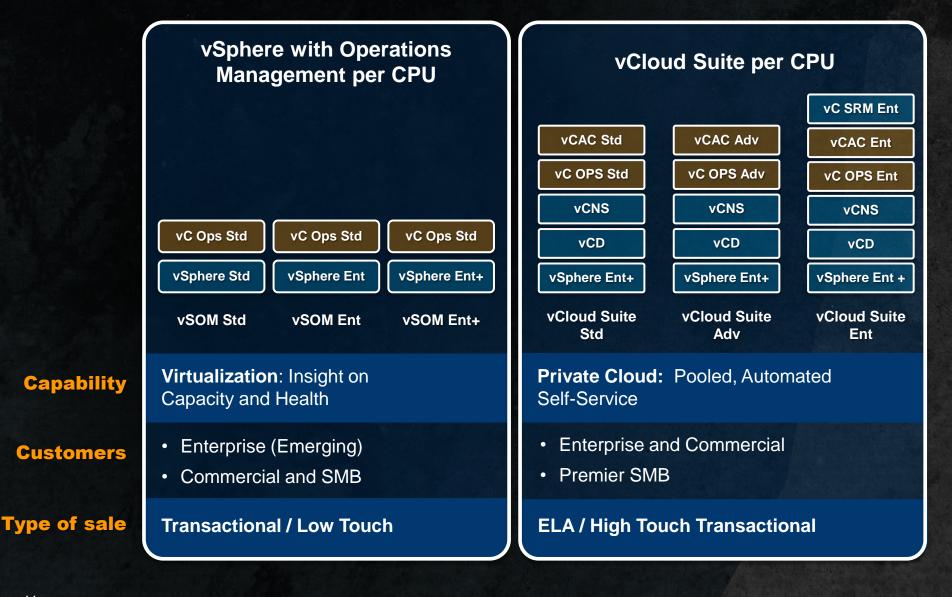
SDDC Product Updates in H2 2013



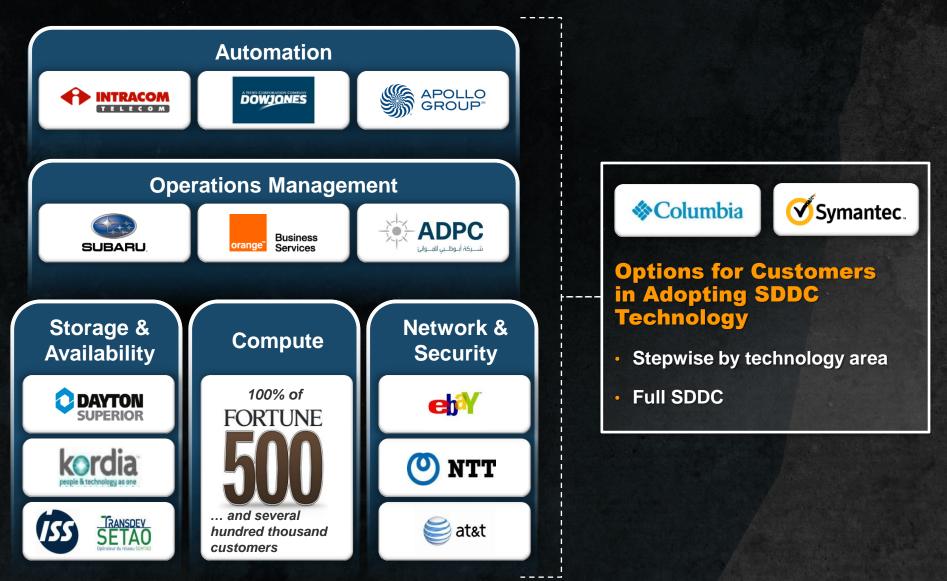
SDDC Product Updates in H2 2013



2013 vSOM and vCloud Suite Offerings



Many Customers Are Already Adopting Key Components of SDDC Technology



vCloud Suite and vSphere

With Operations Management Customer Examples

vCloud Suite Customers

Symantec.	10,000 Engineering Work- Weeks Saved	200,000 VMs Deployed	3,000 Users Supported
Columbia	\$47M	#1	70
	CapEx/OpEx	Industry Leader	New Stores Powered
	Savings	with Lowest Overall TCO	in China

vSphere Operations Management Customers

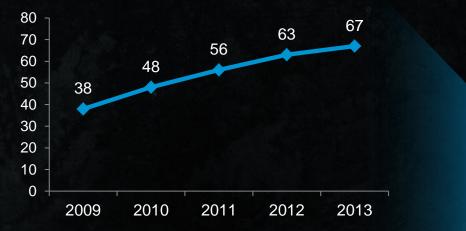
GREEKTOWN CASINO-HOTEL & Kewadin Casino ¹¹	\$100K+ Hardware Savings	300 VMs Deployed	3 Data Center Locations
HOME LENDING, INC.	2 Data Centers Now Virtualized and Monitored	30 Servers Running	Hyper-V Displacement Example

Positioning customers for success in the mobile-cloud era COMPUTE

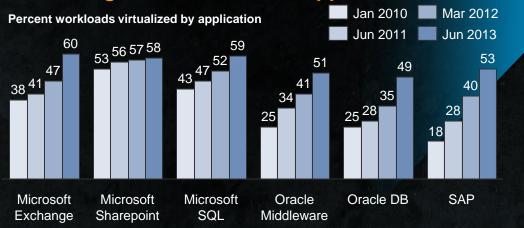
vSphere Platform Growth Continues to Be Strong

Virtualization Increasingly the Standard for Deploying Workloads...

Percent workloads virtualized



...Including Business Critical Applications



VMW Today: ~40M VMs 500K Customers

Broad Installed Base Positions VMware to Deliver Additional Value with SDDC Offerings

Sources for % Virtualized chart: VMware and Industry Analyst data, all x86 server workloads

15 Source for BCA chart: VMware market survey, % workloads virtualized

vSphere 5.5: Designed to Capture Next-Gen Apps and All x86 Workloads

Optimized for Next Gen Cloud Applications Growth





vSphere Big Data Extensions – Optimize Hadoop Workloads and Extend Project Serengeti



Pivotal CF on VMware vSphere – Build PaaS On-Premise



OpenStack – Deliver Architecture Choice

High-Performance Computing -Virtual Beats Physical 2700+ Core HPC for Air and Missile Defense



Latest Chip Set Support – Next Generation Intel ® Xeon ® Processor E5 v2 Intel® Atom™ Processor C2000

Note: Server workloads

Source(s): VMware estimates based on Industry analyst data and internal analysis

vSphere 5.5: Optimizing Performance for Business-Critical Apps (BCA)

Increasing business critical apps virtualized



vSphere 5.5 New Features



Enhanced Application Performance

- Increased Performance/Scale
- vSphere Flash Read Cache
- Low Latency Sensitivity

Application-Aware Availability

vSphere App HA

Low Latency Sensitivity - Beta Customer Feedback

"WOW! I can't thank you and everyone else who worked on the low-latency improvements enough...

...It's going to be a wild ride with vSphere 5.5 - you guys have hit this one out the park and past the county lines as far as I'm concerned."

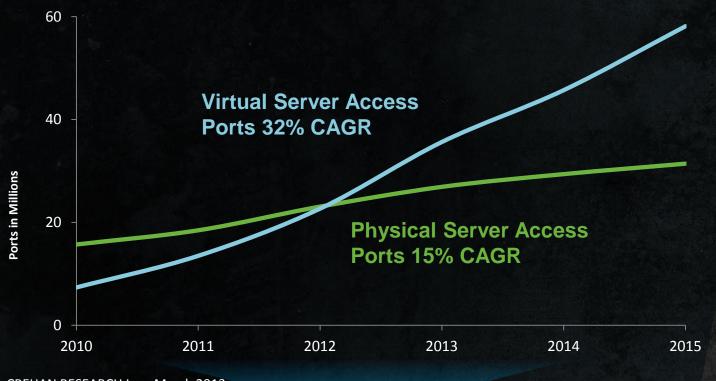
Sys Admin, Global International Investment Bank HQ'd in New York

Note: Server workloads

Source(s): VMware estimates based on Industry analyst data and internal analysis

Positioning customers for success in the mobile-cloud era NETWORKING

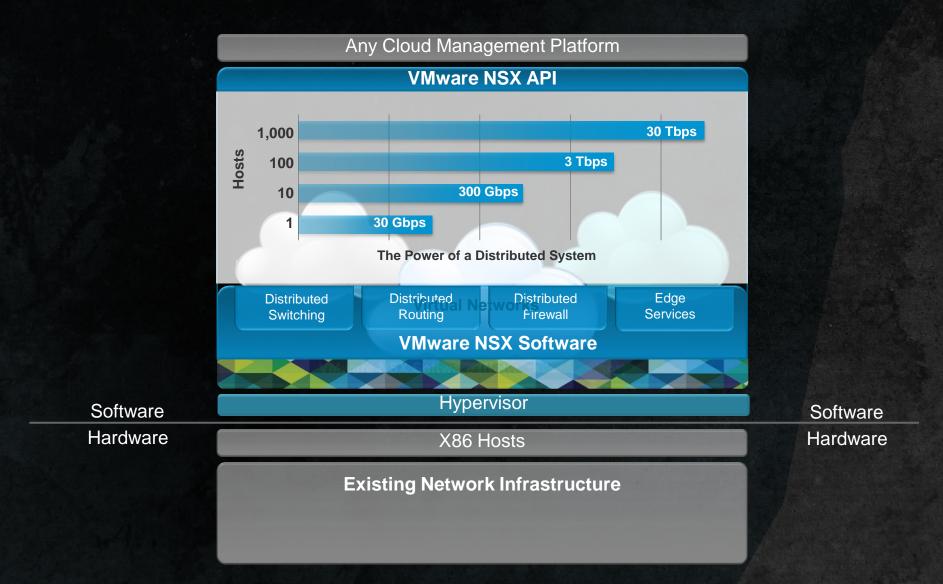
The Network is Becoming Virtual



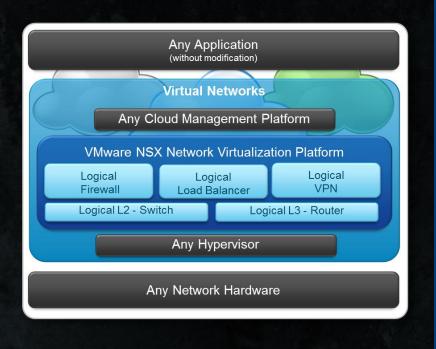
CREHAN RESEARCH Inc., March 2013

- Half of all Server Access Ports are already virtual...
 ...and are on track be ~67% in 2 years
- 40% of virtualization admins also manage virtual switching

The Role of Network Virtualization



Partner Extensibility for NSX





Positioning customers for success in the mobile-cloud era STORAGE

Software-Defined Storage Brings the Operational Model of Compute to Storage



Software-Defined Storage

Policy-Driven Control Plane

App-Centric Data Services

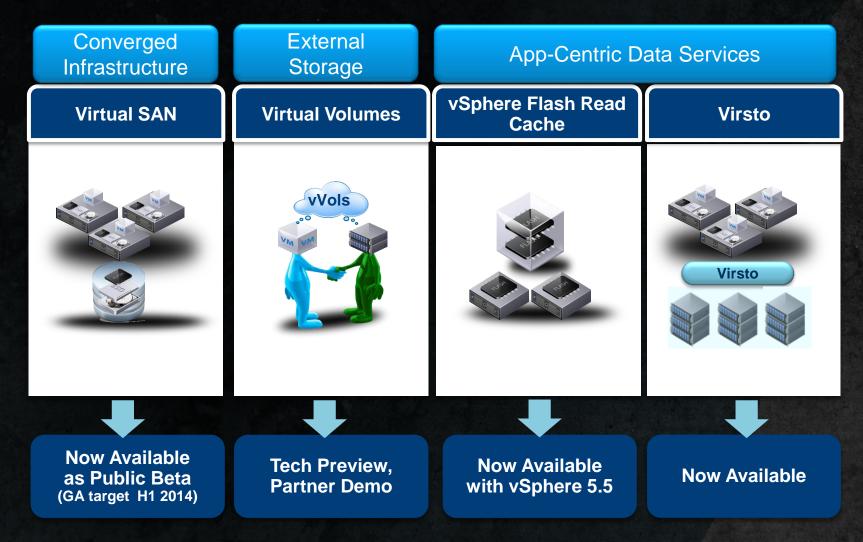
Virtualized Data Plane

Software-Defined Data Center

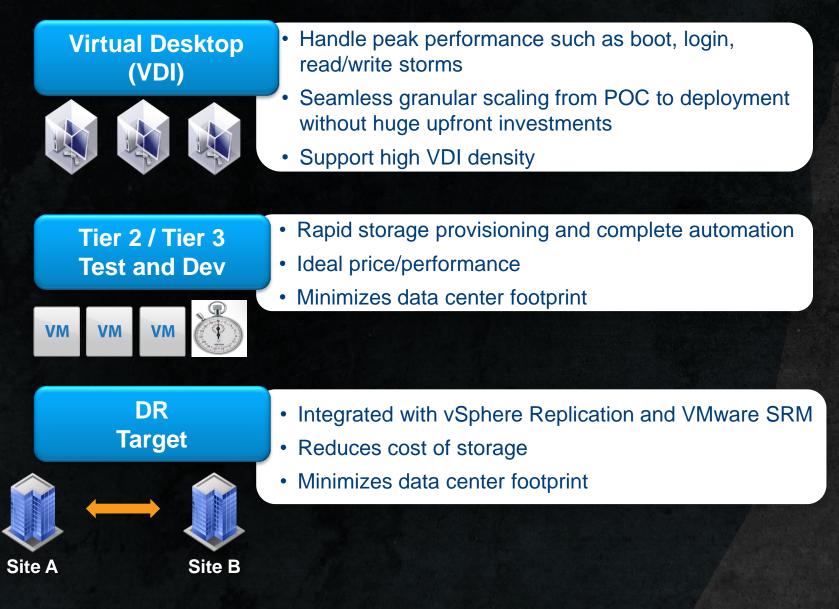
Software-Defined Storage

Heterogeneous storage resources are abstracted into logical pools, consumed and managed through app-centric policybased automation

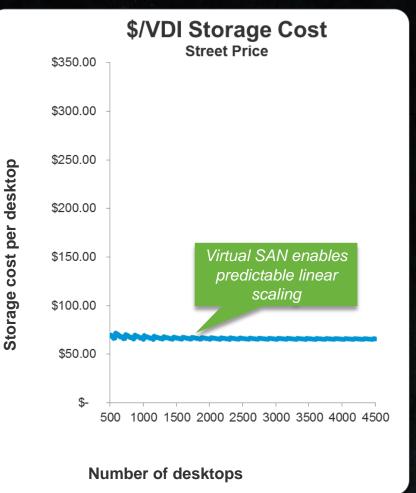
VMware Software-Defined Storage – Product Announcements

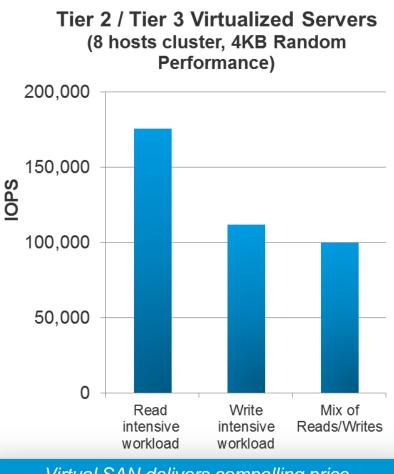


VMware Virtual SAN – Initial Use Cases



Compelling Price/Performance with Predictable Scaling





Virtual SAN delivers compelling priceperformance for selected workloads

- Estimated based on 2013 street pricing, Capex (includes storage hardware + software license costs)
- Additional savings come from reduced Opex through automation
- Virtual SAN configuration: 10TB hosts, 9 VMs per core, with 40GB per VM, 2 copies for availability and 10% SSD for performance

Positioning customers for success in the mobile-cloud era MANAGEMENT

Cloud Management – Opportunities





Cloud Management Space Is Ripe for Continued Disruption

- Technology and market changes creating opportunity for new leaders
- Organizations are deploying new Cloud management solutions that are purpose-built to manage environments that are dynamic, heterogeneous, and scale-out capable

VMware Management Leading the Disruption

- Big shift in software spend from traditional IT management to cloud management vendors
- VMware is one of the fastest growing management vendors
 - IDC: #1 market share in Cloud Systems Management in 2012
 - Gartner: Top 2 fastest growing ITOM vendors in 2012

Technology Shifts Driving the Disruption

- Client-Server Era Mobile-Cloud Era
- Cloud scale
- Shifting category boundaries

Legacy Management

- Regulate and coordinate manual processes
- Manual health models on structured data
- Many point products, installed on-premise



Cloud Management

- Policy-based automation and control
- Analytics approach on unstructured data
- Broad solution suites

Cloud Management Mission

VMware Simplifies and Automates IT Management and Empowers IT to Govern Services Across Heterogeneous Platforms and Hybrid Clouds

Cloud Automation

Automate the delivery of infrastructure, applications and desktops as a service across multiple clouds and platforms.

Target Market:

Enterprise customers on-boarding to cloud via automation, laaS/PaaS

Cloud Operations

Ensure the health, risk, efficiency and compliance of your infrastructure and applications.

Target Market:

Customers (>50 VM) looking for operations management in dynamic, virtual and cloud environment

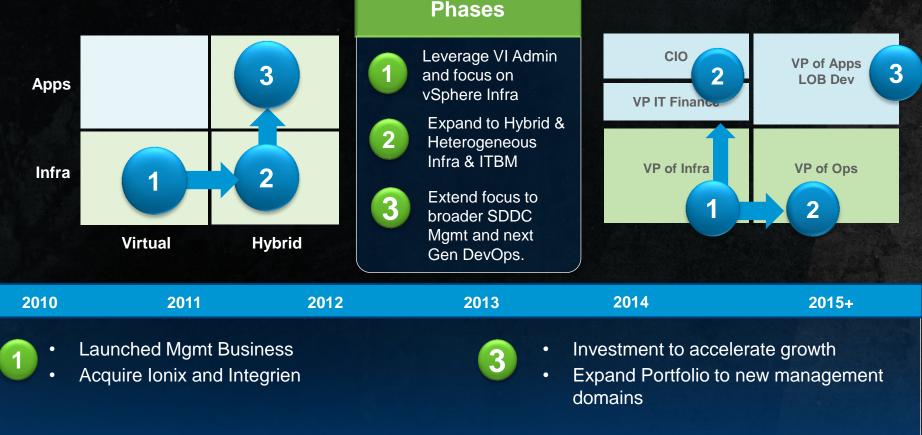
Cloud Business

Govern and manage cloud services as a critical element of running IT like a business.

Target Market:

- Fortune 2000 customers
- IT spend > \$75M

Cloud Management: Evolution and Strategy



- Acquired Digital Fuel ITBM Market entry
- Acquired DynamicOps Expanded Heterogeneous and
 - Hybrid Management focus
 - Acquired Pattern Insights Extended Analytics from Machine to Log

Cloud Management: Investment Areas

Cloud Automation

- Multi-platform, multivendor provisioning
- Personalized, selfservice delivery
- Lifecycle management of service including resource reclamation
- Extensible design

Cloud Operations

- Visibility application to infrastructure
- Preventive and automated operations
- Operations for large scale cloud environments
- Analytics for unstructured data

Cloud Business

- Cost Visibility
- Efficiency compare costs, benchmark
- Optimize sourcing
- Prescriptive guidance

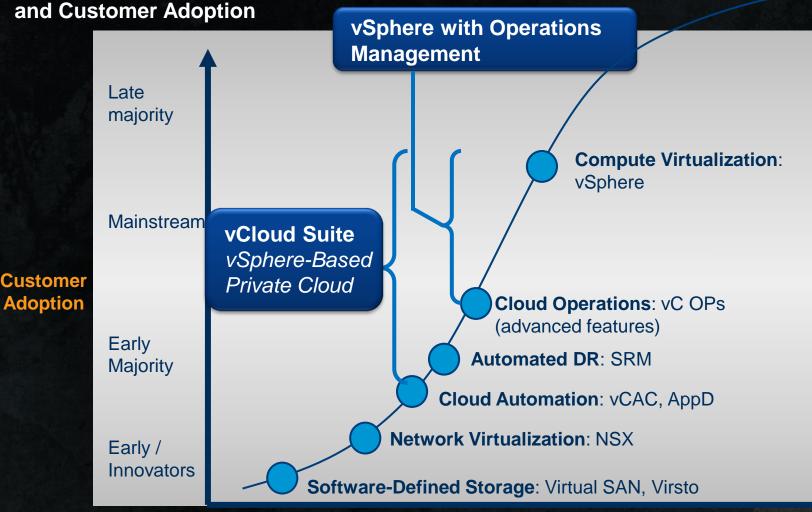
Delivering Customer Value

	Cloud Automation vCloud Automation Center	Cloud Operations vCenter Operations Management	Cloud Business VMware ITBM
Value Prop	 Self-service access Policy-based compliance Automated service provisioning 	 Analytics-based X-cloud performance and compliance 	 Show-/chargeback Fact-based Biz/IT planning "Broker of IT Services"
	DOWJONES	BOEING	Nationwide
Proof Points	 Reduced provisioning from days to minutes Solution extended throughout NewsCorp 	 Managing over 10K VMs Reduced daily alerts 10x Found 92% VMs over- prov., reclaimed 1000 VMs 	 6% reduction in unit costs through Unit Cost Analysis \$20M in annual cost savings

Positioning customers for success in the mobile-cloud era

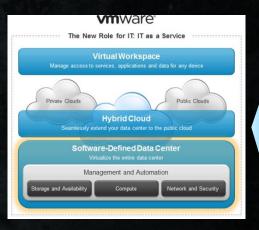
Building Towards the SDDC for Customer Value

VMware SDDC Products Maturity



Product Maturity

Track Record of Innovation Positions VMware to Realize the Software-Defined Data Center





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