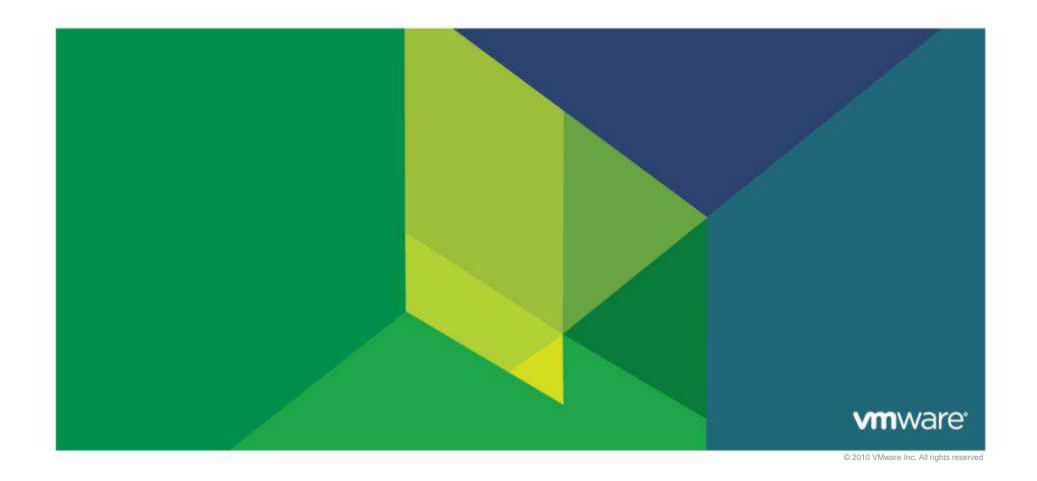
Agility of Cloud Infrastructure with Software Defined Network and Security

Ganesh Iyer Area Manager, North & East, VMware India.



VMware is the Customer Proven Market Leader

Company Overview

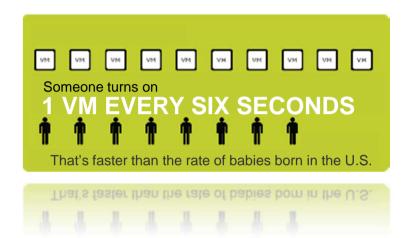
- \$5.6 billion in 2012 revenues
- >\$6 billion in cash and equivalents
- 5th largest infrastructure software company in the world

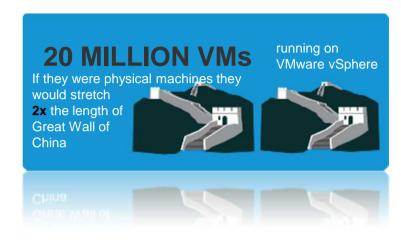
Proven in the Trenches

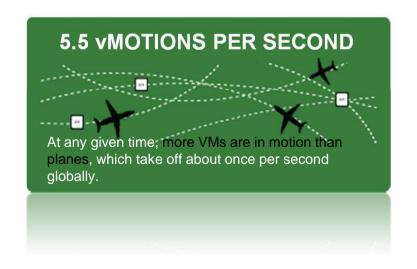
- 400,000+ VMware customers
- 100% of Fortune 100
- 100% of Fortune Global 100
- 99% of Fortune 1000
- 97% of Fortune Global 500



Some Interesting Virtualization facts.









IT faces many challenges today

Today's reality – IT Challenges Abound



Space

Constraints

Limit

Expansion

Power

An increasing percentage of OpEx

Agility

Too long to provision and upgrade

Cost

OpEx and CapEx limits

Utilization

Rates Below Expectations



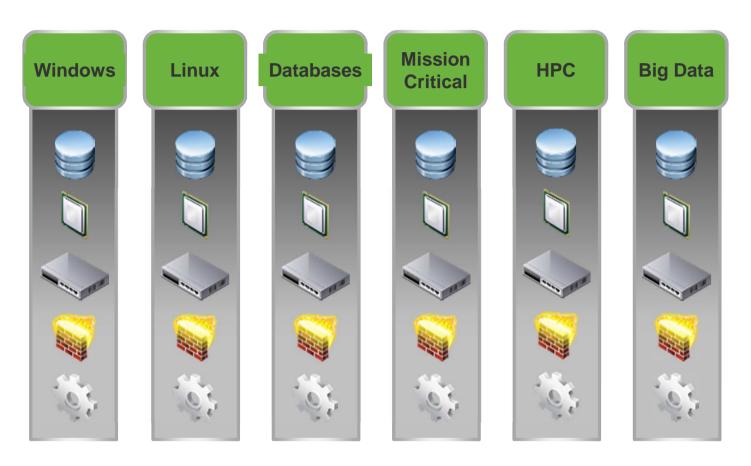
Risk

Of downtime,

non-

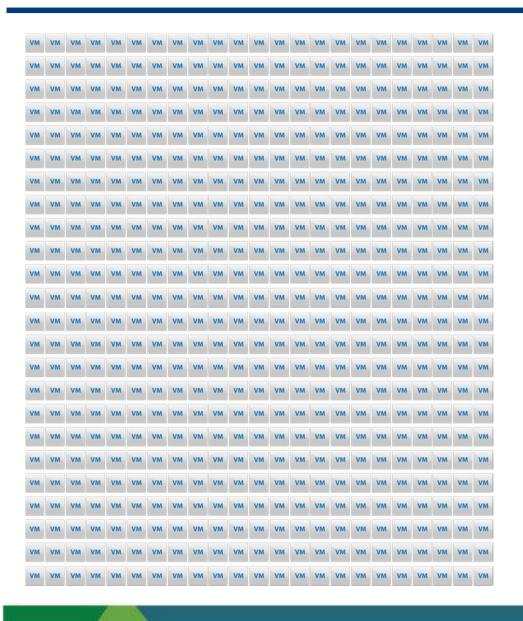
compliance

Today's DC – Museum of IT past and in Silos



Result – IT spend >70% of budget to "keep lights on"

Workloads Double Every 4 Years



Solutions

- Double admins
- Double budget (outsource)
- Double vm:admin (automate)

Our Challenge... Connecting Cloud Technology to Business Value

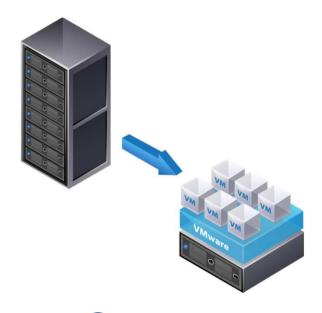
Gartner 2012 CIO Agenda					
CIO IT Strategies	Ranking of IZT Strategies CIOs Selected as One of Their Top 3 in 2012				
Ranking	2012	2011	2010	2009	2008
Delivering Business Solutions	1	2	1	3	1
Reducing the Cost of IT	2	3	3	2	10
Developing or Managing a Flexible Infrastructure	3	1	8	11	11
Expanding the Use of Information and Analytics	4	7	7	10	9
Improving IT Management and Governance	5	4	6	4	7
Improving Business Alignment and Relationship	6	10	2	1	2
Implementing Mobility Solutions	7	18	*	*	*
Consolidating IT Operations and Resources	8	5	9	9	12
Implementing Business Process Impro	9	8	4	5	6
Improving the IT Organization and Workfore	10	6	10	8	3
Implementing Cloud Solutions (SaaS, IaaS, PaaS)	11	9	*	*	录

Software Defined Data Center SDDC

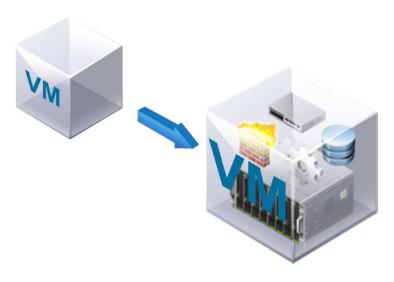
The New Paradigm Shift in Virtualization.





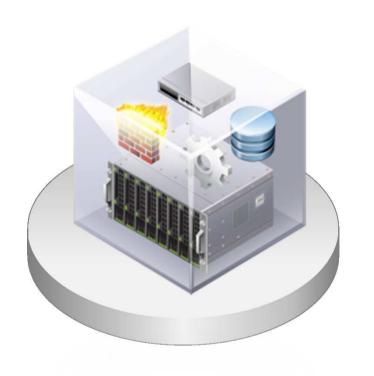






Software-defined Datacenter

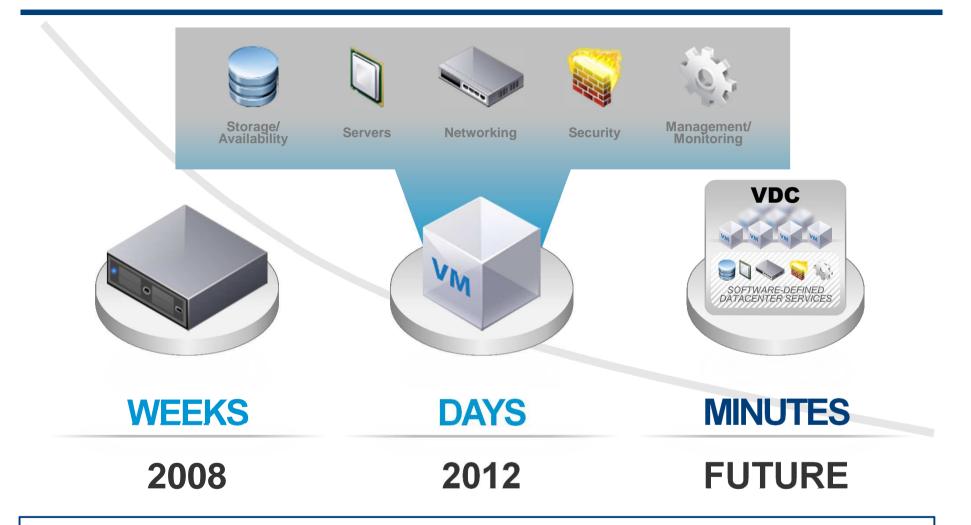
Definition



Software Defined Data Center:

All infrastructure is virtualized and delivered as a service, and the control of this datacenter is entirely driven by software.

Time To Provision New Services



From 10 weeks, to 3 days, to minutes

Containerization – An Analogy

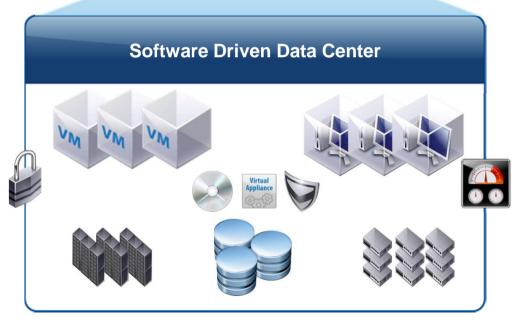
Revolutionized and transformed the cargo transportation process, industries, labor, international trade, and the world economy.

- Raise of seaports and the fall of inland ports dramatically changed the character of port cities worldwide
- Labor & workforce longshoremen were no longer necessary at port facilities and the profession changed drastically
- Domestic manufacturing containerization made it cheaper to import commodity goods from abroad



The Virtual Data Center (vDC)

The software driven data center and cloud computing will revolutionize and transform business processes, industries, labor, international trade, and the world economy.



The vDC is the container for the modern business world.



The CloudOS – vDC Enabling Technology

vDC Level Service Level Agreement (SLA) Specification



Response Time 6-11 Seconds Required Uptime 99.99%

Required Uptime 99.99
RTO 4hrs
RPO 1hr

Security Business Critical

Compliance HIPPA







vDC's = Dynamic Application Execution Environment(s)

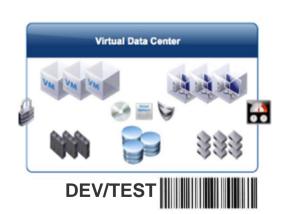


PCI |





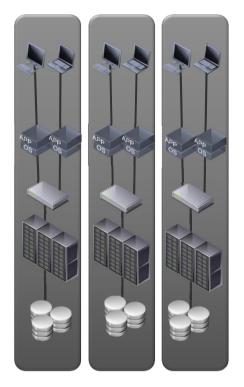




Cloud Requires a New Approach

Traditional IT Management

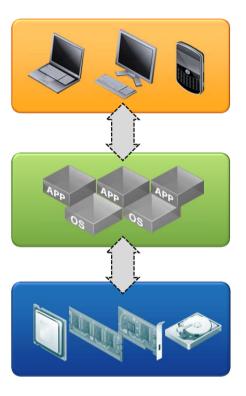




Services and assets tied together in complex, brittle, vertical stacks that are hard to change and manage

Cloud Management



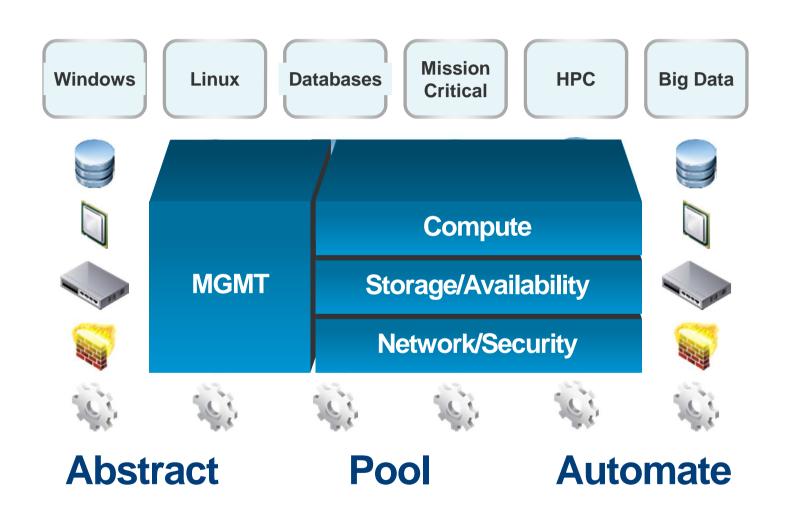


Service components are abstracted and sourced from dynamic resource pools with horizontal layers loosely bound into services

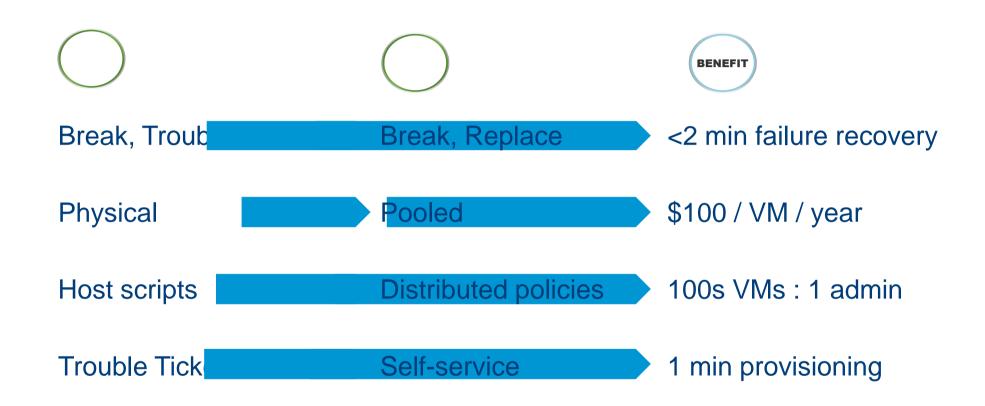
Business agility suffers

IT able to keep up with speed of the business

Automation of DC, the ENTIRE DC



Management Must Change



Automation reduces the volume of incidents by 27%, and event and incident handling time by 40%

In Summary, VMware ...



is the planet's most trusted virtualization platform.



virtualizes the entire fabric of the datacenter, while securely extending to public cloud infrastructure.



delivers an evolutionary path to your cloud, while preserving freedom of choice.



brings the broadest set of ecosystem partners, extending the value of existing investments.

Thank You



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