

vCloud Suite – building and managing the Software-defined Datacenter

VMware Cloud Day

2013.11.19

Budapest Music Center

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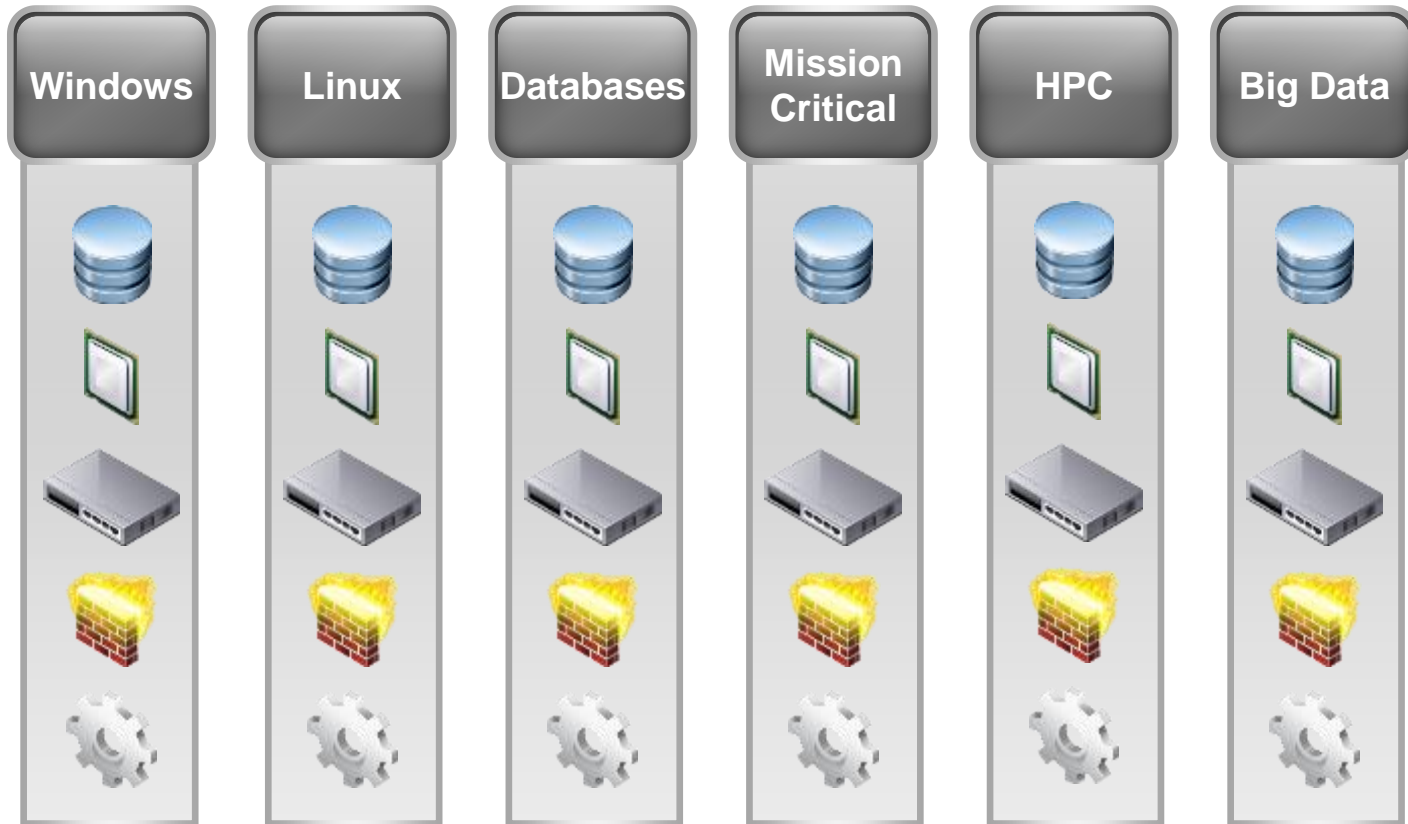
vmware®

IT is facing many challenges today

Workloads Double Every 4 Years



Silos



Shadow IT Spending is Increasing – Increasing Cost of IT



0%

2008

30%

2012

?%

FUTURE

Automated infrastructure provisioning?

Network & Security Automation?

Proactive Health & Capacity Management?

Disaster Recovery and Application Discovery?

Application Blueprint Management?

Real Time Compliance Management?

Task & Run Book Automation?

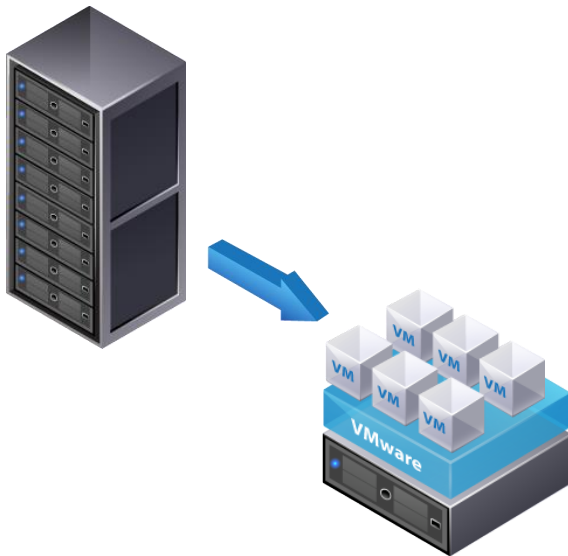
Infrastructure Self Service?

Edge & perimeter Security in the Cloud?

How can VMware help to drive IT Transformation?

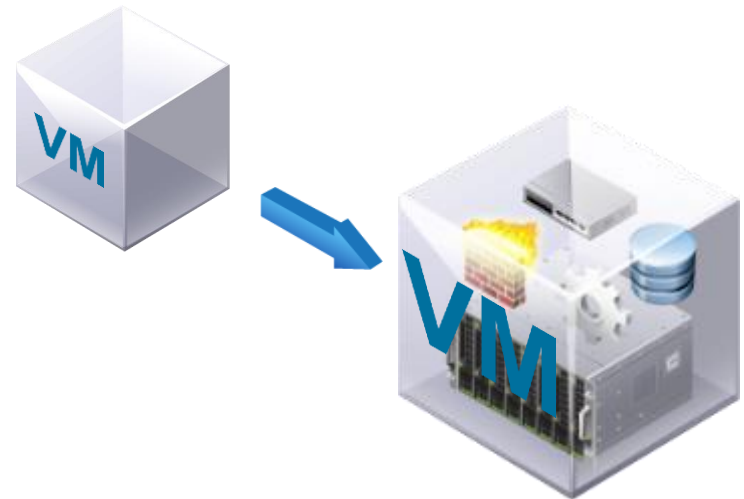
VMware's Next Big Thing

THEN



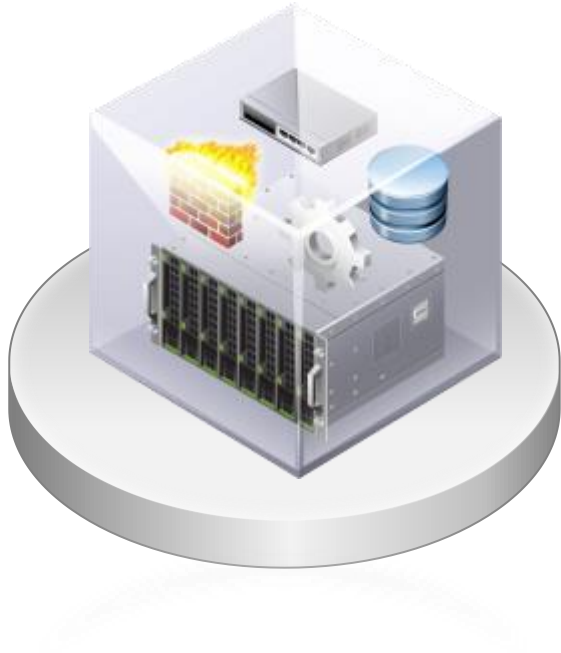
**Server
Virtualization**

NOW



**Software-defined
Datacenter**

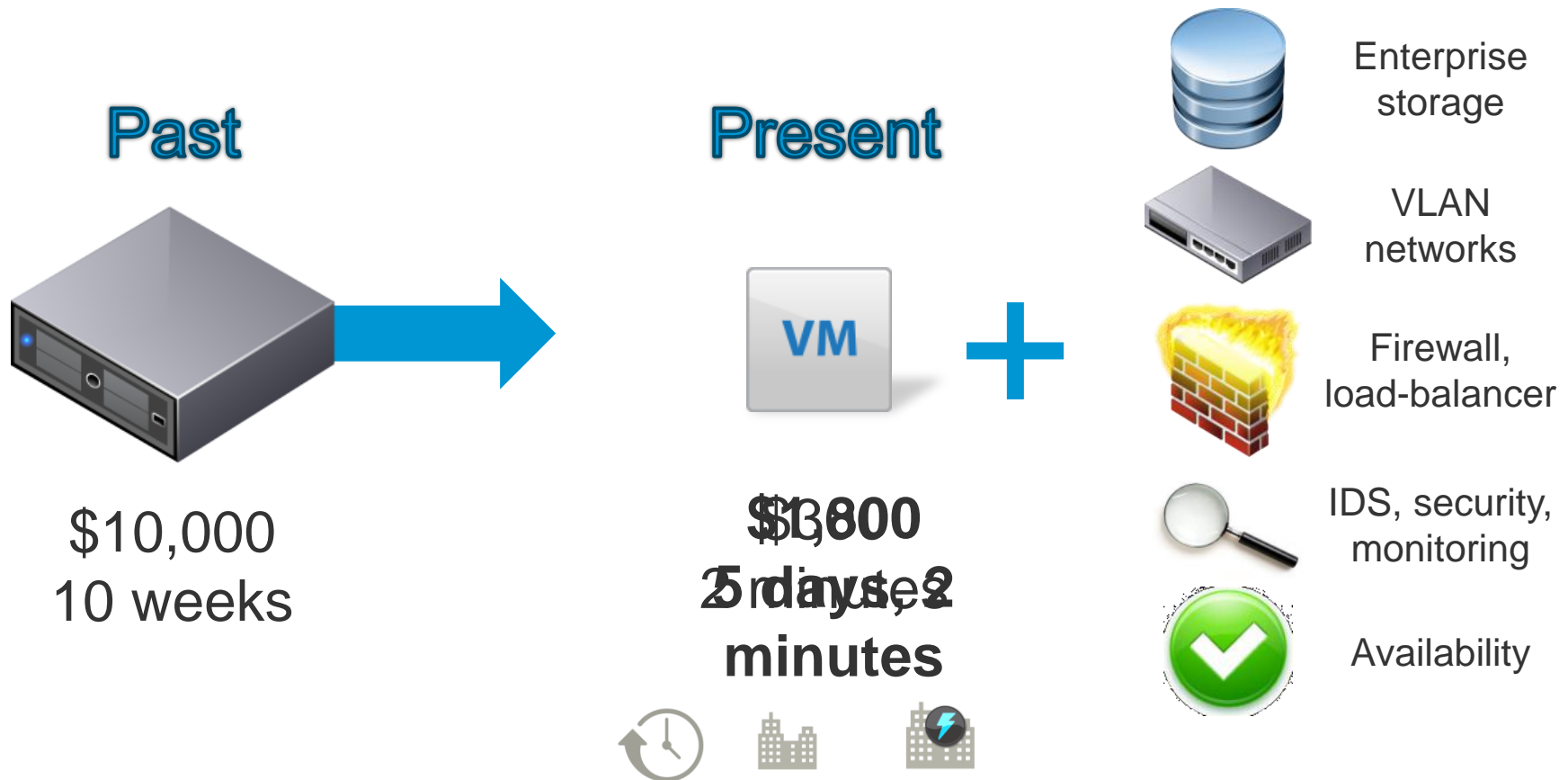
The Software-defined Datacenter Addresses These Challenges



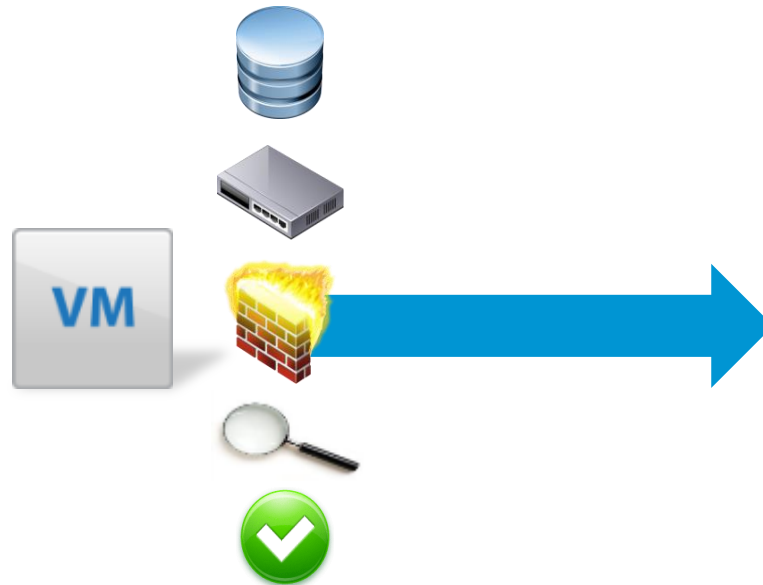
Software-defined Datacenter:

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

Virtualization Simplifies Provisioning of VMs, But Steps Needed to Deploy in a Production Environment Cause These Challenges



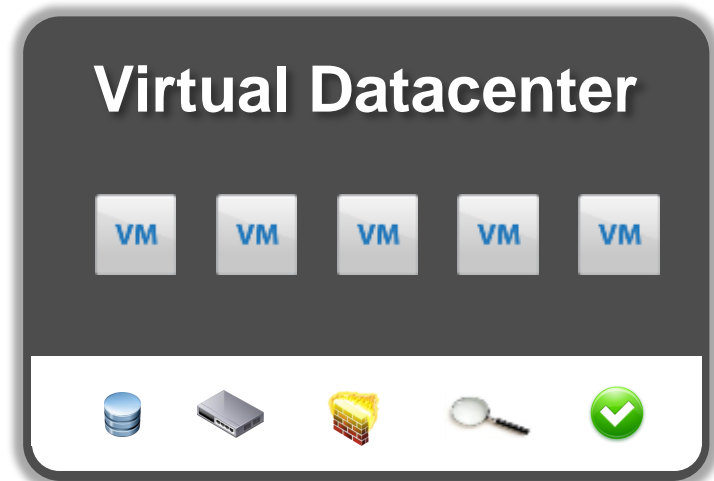
Software-Defined Datacenters Simplifies Process to Define an Application and All the Resources It Needs



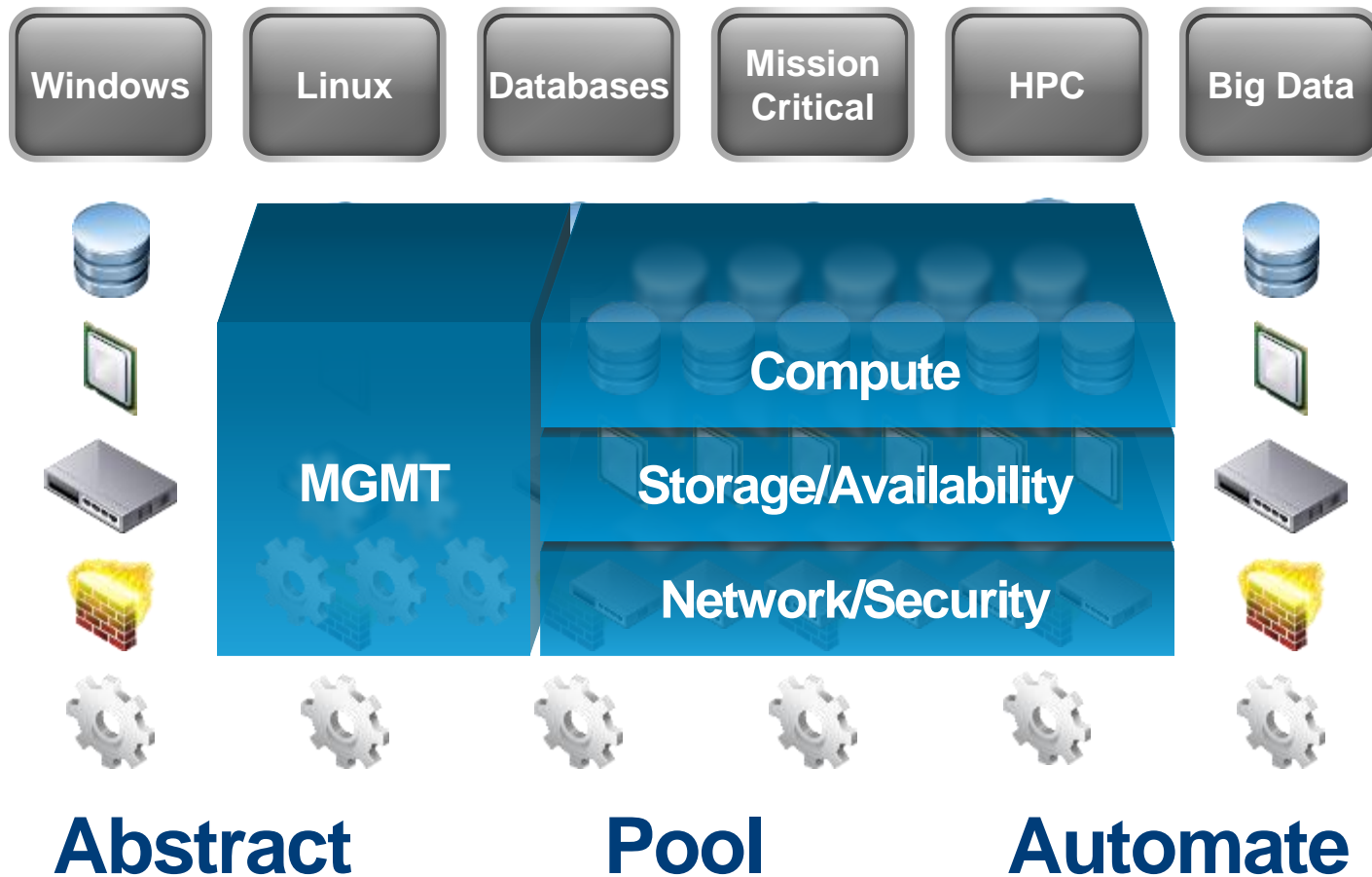
5 days, 2 minutes

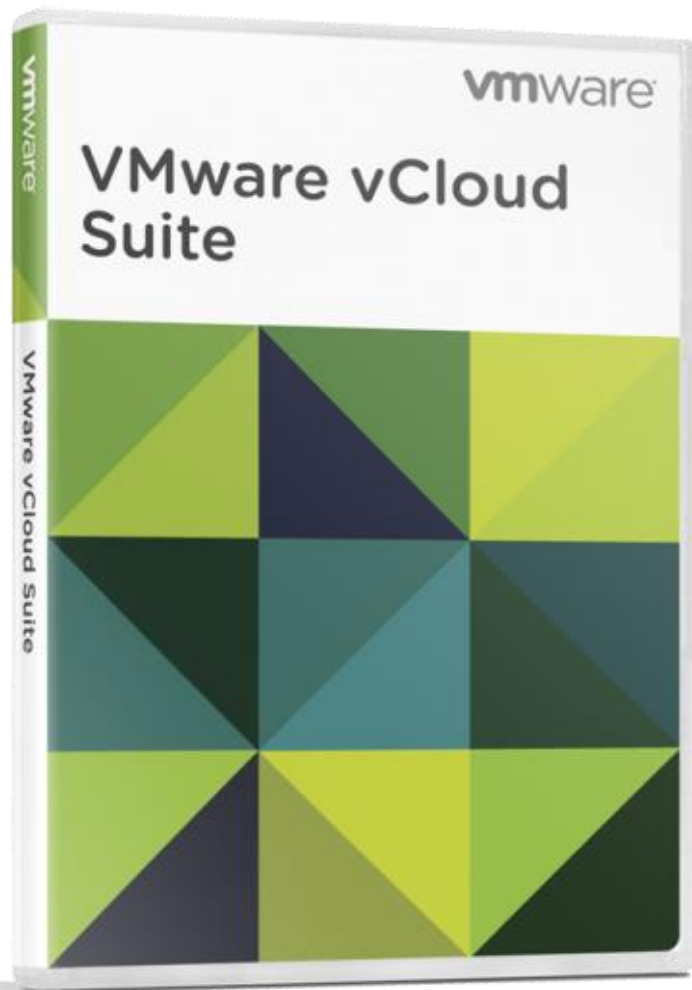


Future



2 minutes

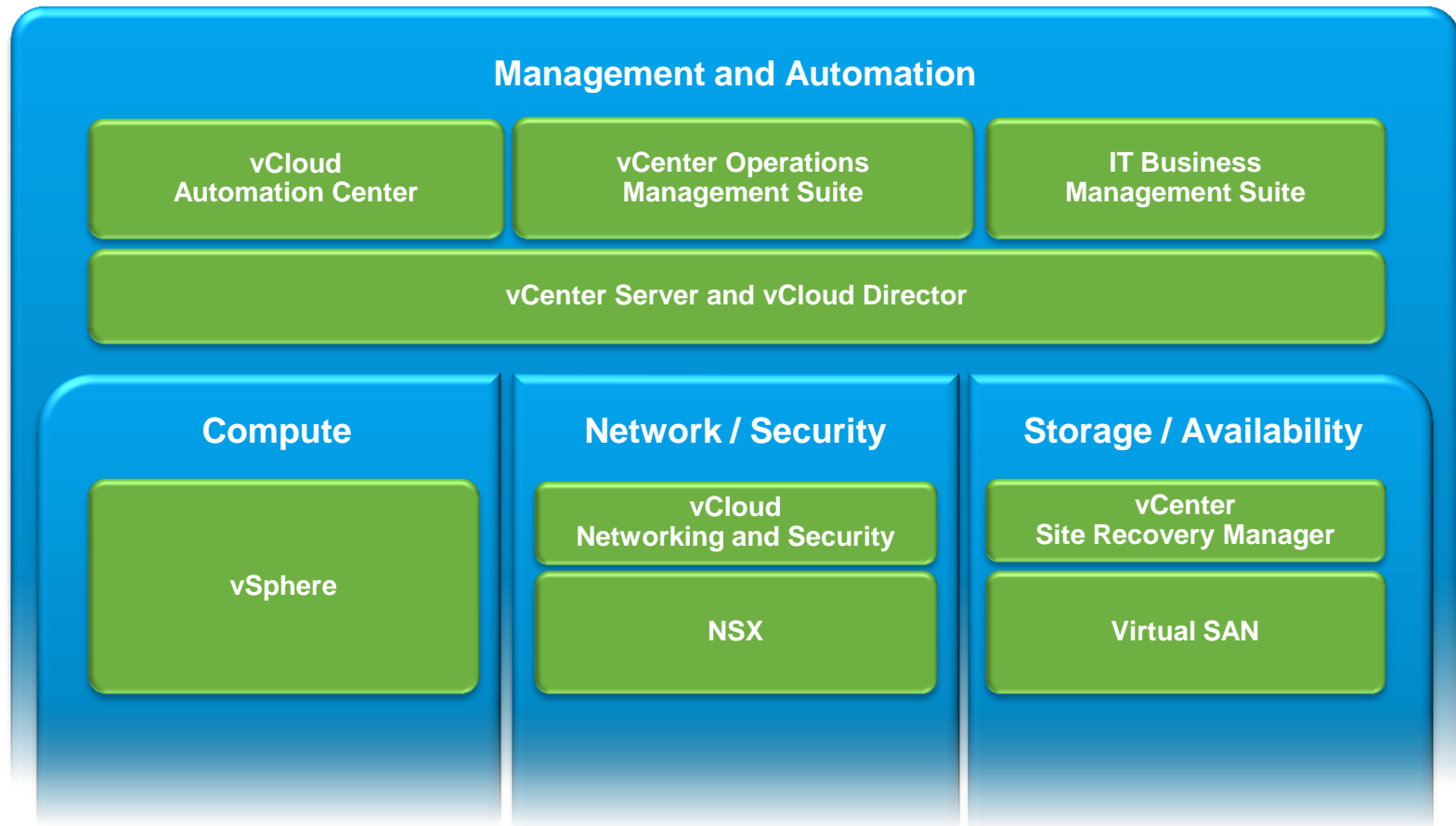




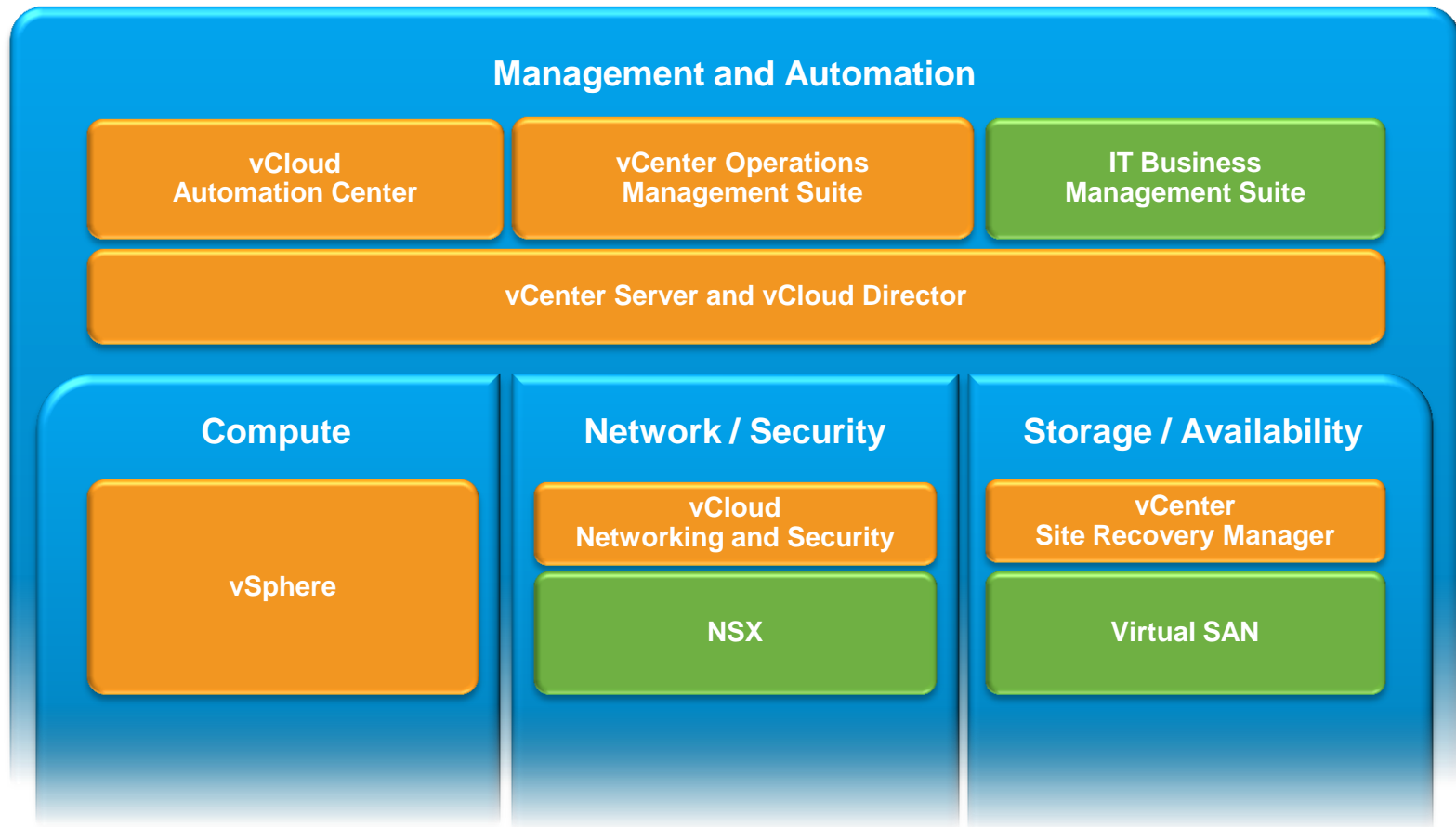
vCloud Suite

- Extend vSphere to an on-premise software-defined datacenter
- Includes vSphere Enterprise+
- Priced per CPU

SDDC On-Premises Products



vCloud Suite: The First Step to an SDDC



vCloud Suite Editions Overview

vCloud Suite Provides Everything You Need for a vSphere-based Private Cloud

- Built on the industry-standard vSphere Enterprise Plus virtualization platform
- License per CPU

vCloud Suite Standard

Foundational solution for private cloud to increase business agility and reduce capex costs.

- Rapid, self-service infrastructure provisioning
- Visibility into VM health and capacity usage
- Scalable networking and virtualization-aware security
- Extensible to public clouds

vCloud Suite Advanced

Solution for governed, enterprise private cloud.

- Visibility into costs, application dependencies and hypervisor change and configuration management
- Increased extensibility of cloud management and automation components

vCloud Suite Enterprise

Comprehensive solution for resilient, compliant and secure private cloud for all applications.

- Protect Business Critical Applications with DR Automation
- Visibility into application performance
- Regulatory compliance and OS-level change and configuration management
- Automated configuration and deployment of multi-tier cloud applications

vCloud Suite 5.5 Edition Lineup

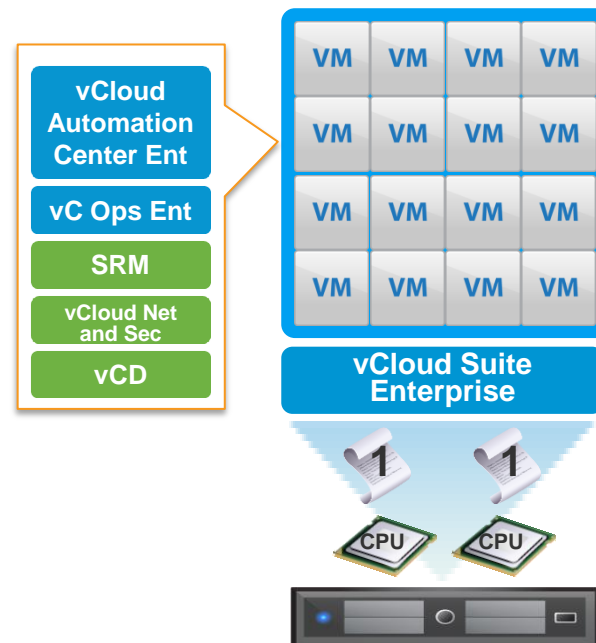
● Updated 2013 H2

		Standard	Advanced	Enterprise
Cloud Management	Cloud Automation	vCAC Std	vCAC Adv	vCAC Ent
	• Application and data services – Application provisioning, changes and data			●
	• Governance – Approvals, reclamation, cost profile and transparency		●	●
	• Extensibility – Infrastructure integrations, workflows and customizations		●	●
	• Infrastructure provisioning and management	●	●	●
	Operations Management	vCOPS Standard	vCOPS Advanced	vCOPS Enterprise
	• Application Monitoring – OS, middleware, databases			●
	• OS-level change, configuration and regulatory compliance management			●
	• Extensibility – Adapters for 3 rd party OS and application monitoring tools			●
	• Extensibility – Adapters for 3 rd party Infrastructure monitoring tools		●	●
Cloud Infrastructure	• vSphere hardening, change and configuration management		●	●
	• Application Awareness – Discovery dependency mapping		●	●
	• Chargeback – Cost metering and reporting		●	●
	• Operations Dashboard – Health Monitoring and Performance Analytics	●	●	●
	• Capacity Management – Planning and Optimization	●	●	●
	Disaster Recovery Automation			SRM Enterprise
	• Automated disaster recovery planning, testing, and execution			●
	Networking and Security	vCloud Net & Sec	vCloud Net & Sec	vCloud Net & Sec
	• Scalable networking and virtualization-aware security	●	●	●
	Virtualized Datacenters	vCD, vCC	vCD, vCC	vCD, vCC
	• Virtualized datacenters and public cloud extensibility	●	●	●
	vSphere Enterprise Plus	vSphere Enterprise Plus	vSphere Enterprise Plus	vSphere Enterprise Plus
	• Virtualized infrastructure with policy-based automation	●	●	●

vCloud Suite License Metric Same as vSphere: Per-CPU

vCloud Suite Licensed Per-CPU – *that's it!*

- Unlimited VMs
- All VMs on vCloud Suite CPUs are entitled to all suite components (vCD, vCOPs, SRM, etc.)

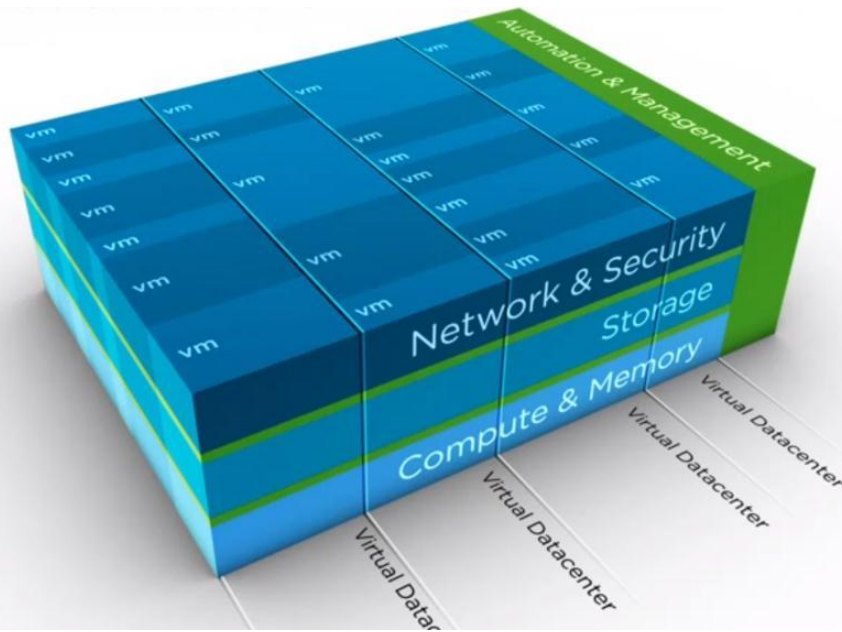


VMware vCloud Suite Delivers The Software-defined Datacenter

Productivity

Reliability

Innovation



- **Based On Virtualization**
 - Delivered by VMware vSphere
- **Recasting all datacenter services as software**
 - Compute, storage, network
 - Security, Availability
 - Automation and Management

vCloud Suite: Complete offering delivering the Software-defined Datacenter

Thank you.

A road with a colorful geometric pattern of blue and green triangles leading into a field under a dramatic sky.

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