

### Making IT Infrastructure Invisible

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## > About Nutanix

# Make datacenter infrastructure invisible, elevating IT to focus on applications and services

2100+ customers
Over 70 countries
6 continents



Founded in 2009



1,500+ employees





#### Gartner Magic Quadrant

**Integrated Systems 2015** 

#### **Gartner**



#### **Strengths**

Nutanix is a complete infrastructure solutions company, providing its customers flexibility in their choice of hypervisors and cloud usage

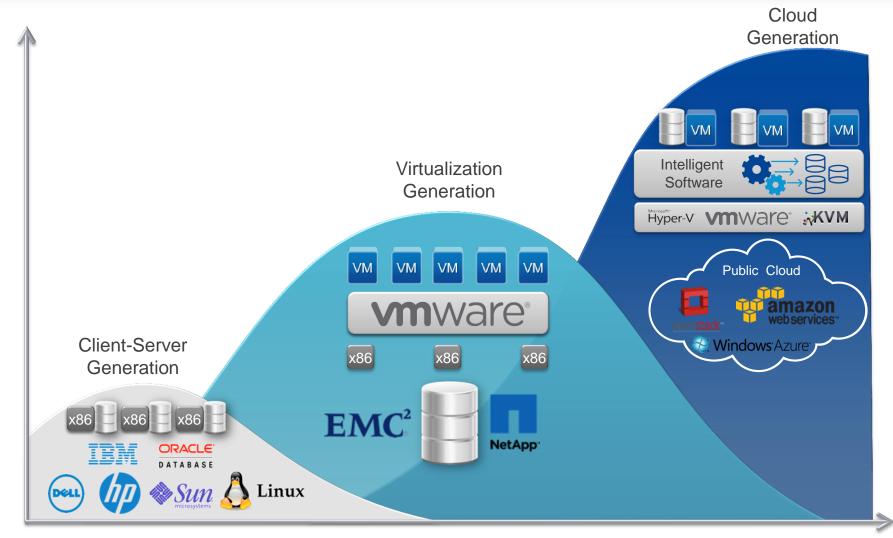
Nutanix has gained market credibility and established a worldwide presence

The Acropolis scale-out architecture along with the ability to scale compute and storage independently enables users to grow Nutanix deployments incrementally to meet application needs.



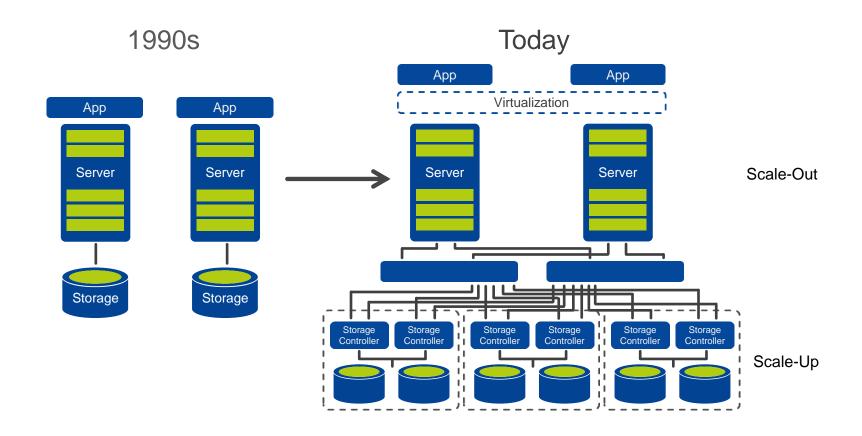


#### **Evolution of Datacenter Infrastructure**





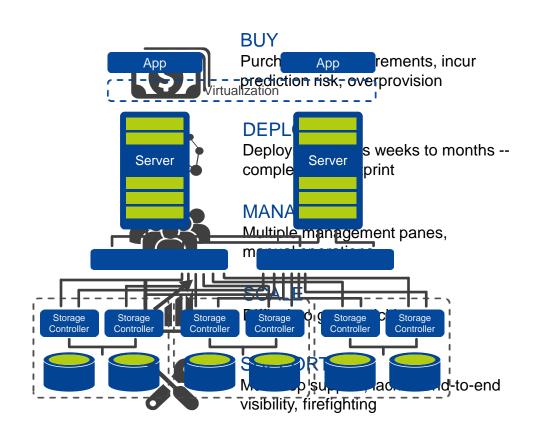
#### **Evolution of Enterprise Infrastructure**







#### Complexity at Every Step







#### It's Time for a New (Software-Based) Approach

Bundled "converged" is out...



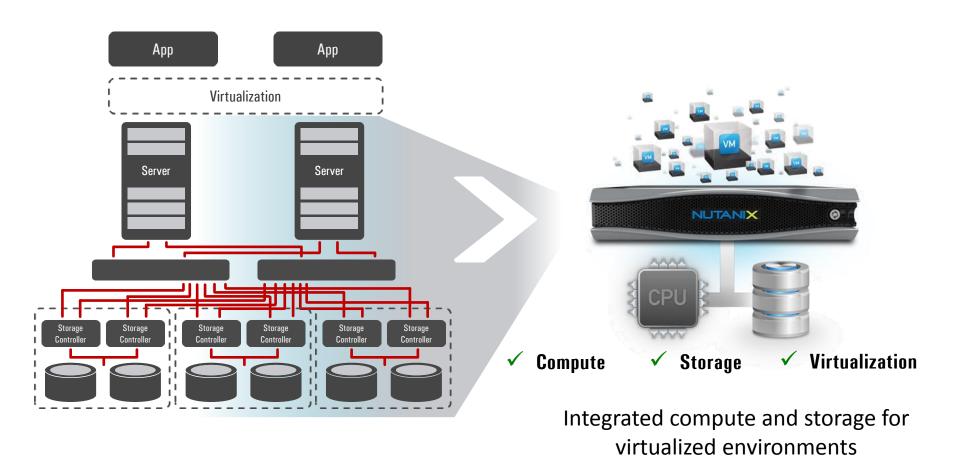
Software is in...







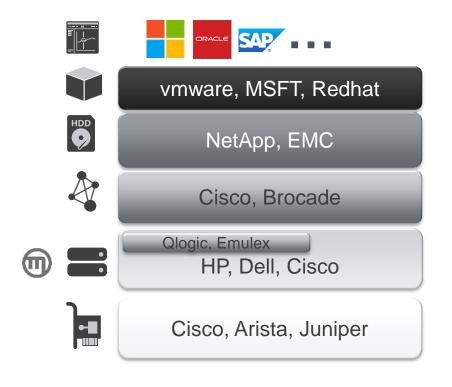
#### The Solution: Hyperconverged Infrastructure

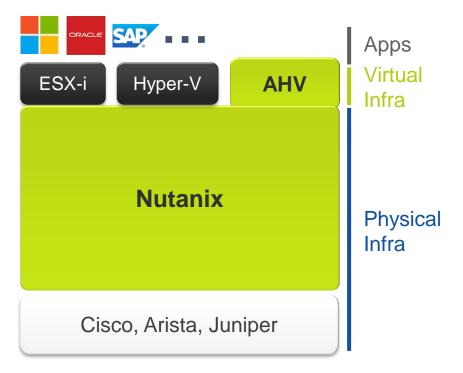




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#### **Datacenter Stack**









#### How We Built It: Web-Scale Engineering



Commodity x86 servers for compute and storage



All intelligence in software



Scale-out architecture



Self healing systems



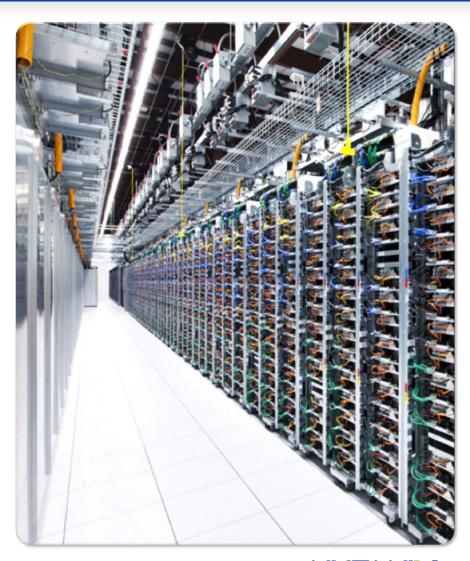
Rich automation and analytics







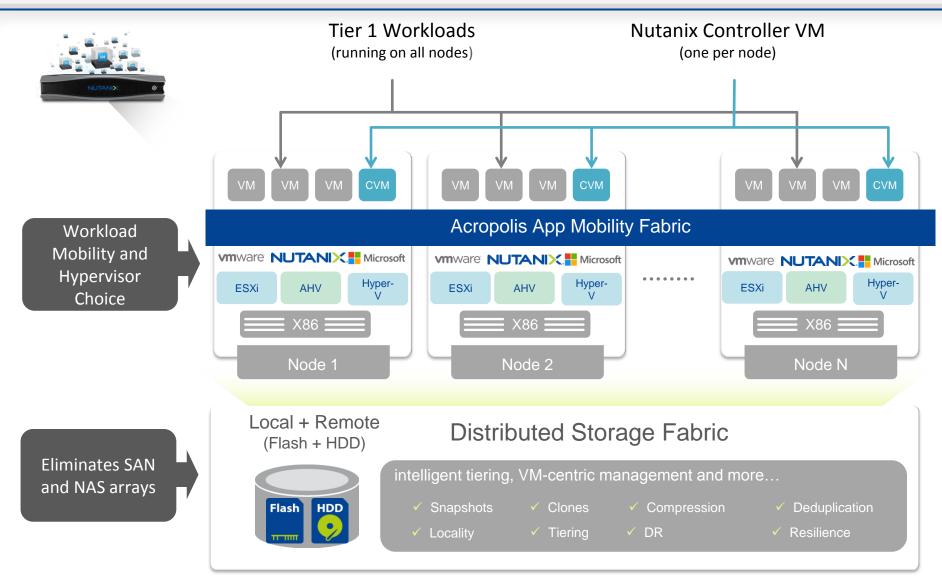








#### **Nutanix Web-Scale Architecture**



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#### **Linear Scale-Out**





#### **SINGLE NODE**

Compute:16 Cores

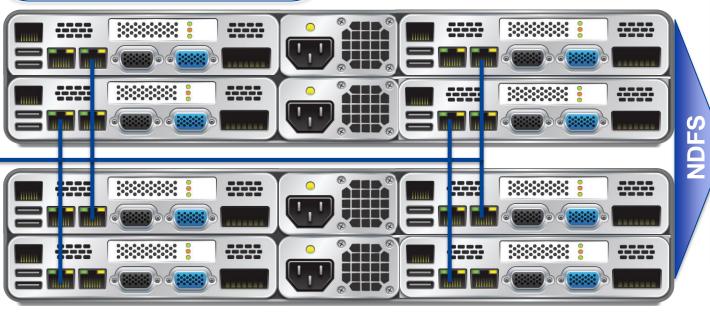
Storage:

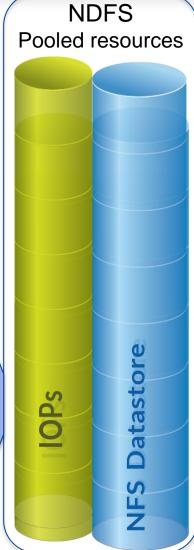
Flash: 800GB SSD

HDD: 4TB

Controller: Nutanix Storage controller









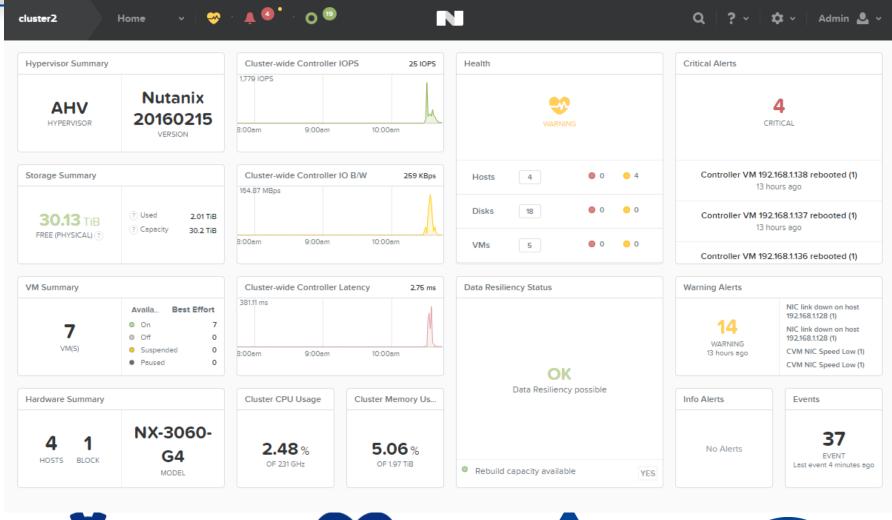
Ethernet

10Gbps



#### Intelligence And Automation Thru Analytics







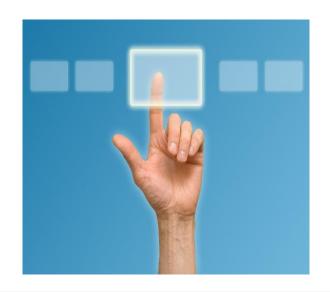




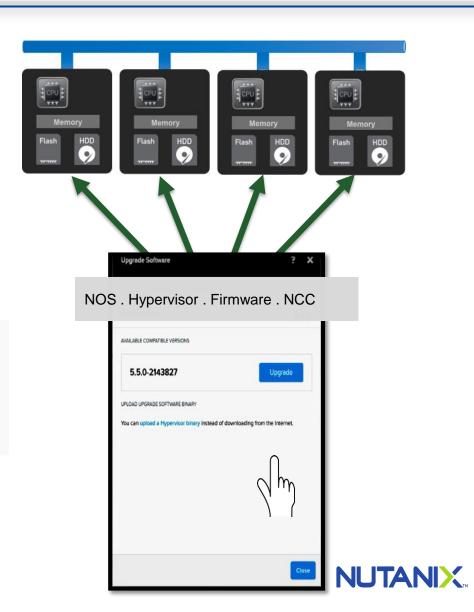




#### 1-Click Upgrades

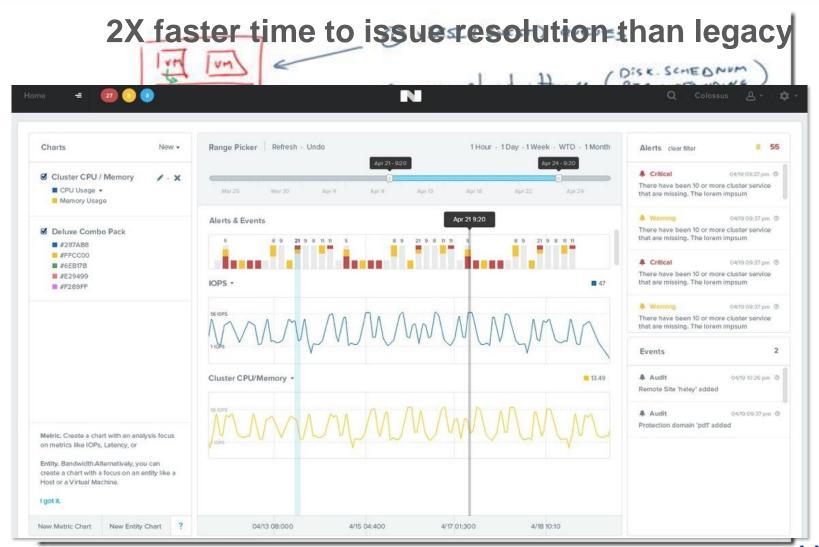


Automatically upgrade Hypervisor, Nutanix OS, Firmware & Health Suite non-disruptively with no manual intervention





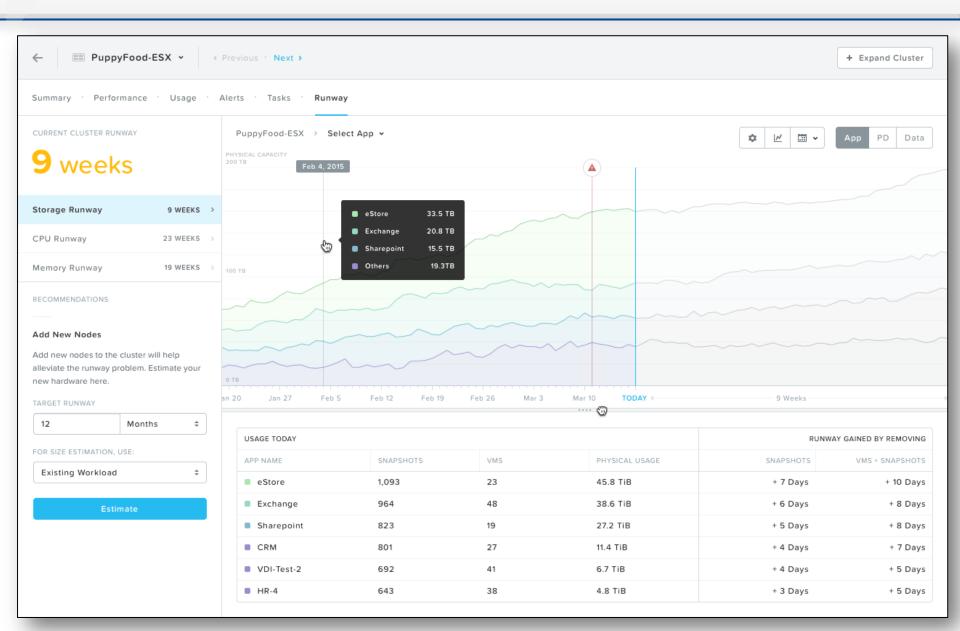
#### Troubleshooting – Old World / New World





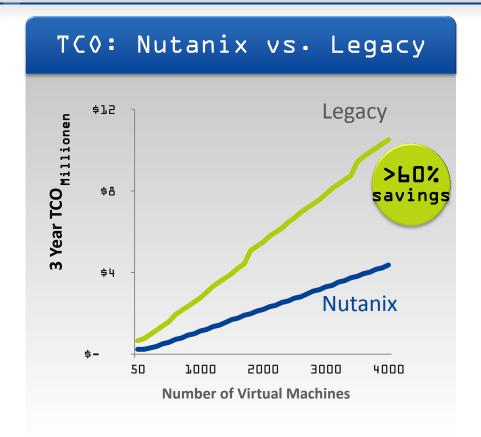


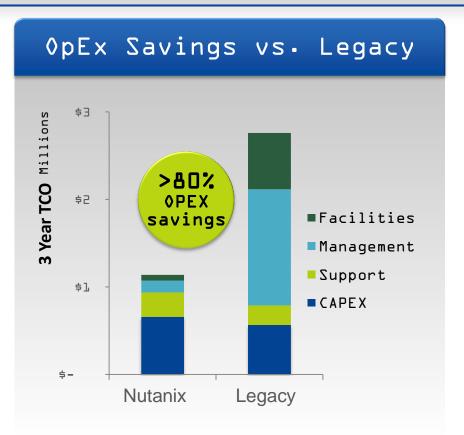
#### Prism - Capacity planning



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#### Nutanix delivers lower TCO than legacy Infrastructure





#### Nutanix

5-10x less time | 5-10x times less space | 5-10x times

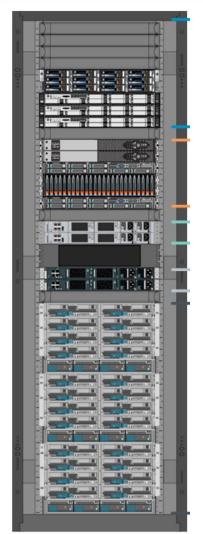
less power & cooling

**NUTANIX** 



#### VCE vBlock (VMWare, Cisco & EMC) vs Nutanix

2500 users , 100% VDI



	vBlock	Nutanix	Difference
Power (Watt)	19510	7987	11523
Heat (BTU)	51223	31432	19791
Rackspace (RU)	35	20	15
Cost to run (\$/yr)	\$50,707	\$20,759	\$29,949
Cost to cool (\$/yr)	\$39,007	\$23,930	\$15,078
Total cost (\$/yr)	\$89,714	\$44,688	\$45,026
Per user (\$/yr)	\$36	\$18	\$18
% costs saved			50%





Source: Vblock Specialized System for Extreme Applications with Citrix XenDesktop 7.1, page 28

Released: april 2014

#### Why virtualize with Nutanix?

#### **Uncompromisingly simple**

30 to 60 minute deployment. No storage expertise required.

#### Rapid and seamless scalability

Scale datacenters one server at a time with zero downtime

#### > Predictable performance

Fast and linear performance at any scale

#### **Lower TCO**

No more IT silos → 40-60% management savings 5 to 10 times less space, power and cooling

#### Better Business agility

Fastest time to value. Pre-validated solutions.

## NUTANIX





Thank You